Truckee Meadows Water Authority

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Photo: Orr Ditch Pump Station Rehabilitation and Hydro Facility

Five Year Capital Improvement Plan

Fiscal Year 2026-2030

Truckee Meadows Water Authority is a not-for-profit, community-owned water utility, overseen by elected officials and citizens from Reno, Sparks and Washoe County

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INTRODUCTION

The Truckee Meadows Water Authority's (TMWA's) Five-Year Capital Improvement Plan 2026-2030 (CIP), describes all infrastructure construction and major capital outlays that will take place between July 1, 2025 and June 30, 2030. Guidance for identifying and scheduling projects in the CIP is provided by TMWA's 2020-2040 Water Facility Plan (WFP) and the 2020-2040 Water Resource Plan (WRP).

TMWA is a joint powers authority formed in November 2000, pursuant to a Cooperative Agreement (as amended and restated as of February 3, 2010, the "Cooperative Agreement") among the City of Reno, Nevada ("Reno"), the City of Sparks, Nevada ("Sparks") and Washoe County, Nevada (the "County"). The Authority owns and operates a water system (the "Water System") and develops, manages and maintains supplies of water for the benefit of the Truckee Meadows communities. On January 1, 2015, TMWA, the Washoe County Water Utility (WCWU) and South Truckee Meadows General Improvement District (STMGID) consolidated to create a regional water system under TMWA. TMWA has a total of 171 square miles of service area, which includes the cities of Reno and Sparks and other surrounding populated areas of the County (except certain areas in the vicinity of Lake Tahoe and other small areas bordering California). TMWA has no authority to provide water service outside of its service area; however, may provide service in the future to developments that are annexed into its service area.

The CIP incorporates a comprehensive compilation of water system improvements for TMWA. A major feature of the CIP is the construction of several projects that will expand the conjunctive use of the region's water resources. The philosophy behind conjunctive use of local water resources is to maximize the use of surface water while preserving the integrity of groundwater resources which are drawn upon during periods of persistently dry weather. Another aspect of the CIP is to expand the Aquifer Storage and Recovery Program (ASR Program) which is the recharge of groundwater basins with treated surface water, and explore the possibilities related to Advanced Purified Water (APW). In addition, this CIP includes several major projects to extend full conjunctive use water service to the Verdi area, made possible by approved development and cost effective oversizing. The estimated costs of the new backbone water facilities is $30 million and is being borne largely by regional developments in the area.

The CIP constitutes an essential component in TMWA's system of planning, monitoring and managing the activities of purveying water and generating hydroelectric power. The CIP is incorporated into a broader, constantly-updated Five-Year Funding Plan ("Funding Plan") for a comparable period. This Funding Plan will determine adequate levels and sources of funding for projects contained in the CIP.

The 2025-2029 Funding Plan indicates a nominal funding gap in each year, however, due to adequate treasury and ongoing revenues from various sources, TMWA can fund the CIP.

Water Conservation TMWA is a steward of the region's water resources and promotes the efficient use of water in drought and non-drought years. Due to TMWA's ongoing conservation programs, among other factors, municipal residential per capita demand has decreased by 30% since the early 2000s, helping to offset total water use as TMWA's customer base has grown by approximately 30%. Capital spending represents a key aspect of TMWA's conservation program. Projects such as meter replacements, conjunctive use and recently the Advanced Purified Water Facility at American Flat represent projects which help to ensure TMWA has the appropriate infrastructure in place to allow for efficient water use. Specifically, projects included in the CIP having significant conservation impacts are as follows: Advanced Purified Water Facility at American Flat ($235.0 million), Automated Meter Infrastructure ($2.7 million), Well Head TTHM Mitigation ($0.9 million), Lazy 5 Low Head Pump Station and Mains ($4.3 million) and STMGID Tank 4/5 Booster Pump Station/Transmission Line ($5.4 million).

The CIP includes total spending of $625.2 million with approximately 46.1% or $288.2 million dedicated to upgrades or replacement of existing infrastructure, and approximately 46.4% or $290.1 million allocated to construction of new water system capacity projects, conjunctive use construction projects, retrofit of remaining unmetered services, and potential opportunistic acquisition of water rights. Of the total projected spending over the next five years 4.0% or $24.9 million is considered contingency spending which is dependent on certain events occurring to trigger spending. The $625.2 million in projected spending is grouped into broad categories of improvements and spending outlays. These categories are described below with detailed project descriptions to be found in the Project Description Section.

Raw Water Supply Improvements contains 40.7% or approximately $254.4 million of total spending in the CIP. Comprising nearly all of the spending in this category is the construction of an Advanced Purified Water (APW) Facility at American Flat which will be built as a follow up to the OneWater NV advanced purified water feasibility study, and will be a joint effort with other agencies. Through an interlocal agreement, TMWA has partnered with City of Reno who will reimburse TMWA for 70% of the construction costs. There will be immediate benefit to City of Reno resulting from increased capacity at the Reno Stead Water Reclamation Facility. TMWA will benefit from an additional water supply, furthering the region's drought resiliency. Other projects in this category include improvements to the Highland Canal/Siphon raw water conveyance infrastructure, upstream storage improvements for Donner Lakes where TMWA stores Privately-Owned Stored Water (POSW) and expenses associated with the storage and implementation of the Truckee River Operating Agreement (TROA).

Ground Water Supply Improvements contains 5.7% or approximately $35.9 million of total spending in the CIP. These projects focus on preserving existing well capacities, drilling and equipping of new wells and at times complete replacement of existing wells.

Treatment Plant Improvements contains 4.7% or approximately $29.1 million of total spending in the CIP. The Orr Ditch pump station/Hydro Facility project will increase redundancy and reliability by enhancing the Truckee River source of supply to the Chalk Bluff Water Treatment Plant and directly offset power costs. Other spending in this category targets fix and finish

projects with the primary focus on the Chalk Bluff and Glendale Surface Water Treatment Plants located on the Truckee River. Also in this category are efficiency improvements to Mt Rose Water Treatment Plant, installation of a new disinfection process at two wells historically treated by the Longley Lane ground water treatment plant and a complete upgrade of the Supervisory Control and Data Acquisition (SCADA) system which provides centralized automated system control and data storage for the distribution system and treatment plants.

Distribution System Pressure Improvements contains 15.9% or approximately $99.2 million of total spending. This spending primarily includes pump and pressure regulating station rebuilds and new construction, correction of pressure or fire flow deficiencies, as well as reconstruction of pressure regulating valves.

Water Main Distribution & Service Line Improvements contains 10.2% or approximately $63.5 million of total spending in the CIP. These improvements include replacement of aged water mains reaching end of service life, installation of new mains for new and expanded service, water main oversizing and extensions, off-river supply improvements, and conjunctive use projects to extend surface water supplies to the areas that rely heavily on year round groundwater pumping. This last set of projects furthers the conjunctive use philosophy of water resource management and includes the Boomtown water system improvements.

Potable Water Storage Improvements contains 11.6% or approximately $72.4 million of total spending in the CIP. These projects are comprised mainly of new treated water storage tank to increase system redundancy and reliability (Sun Valley 2 Tank and Caughlin 2 Tanks) and construction to serve new and expanded service (STMGID Tank East Zone 11 Tank), some replacement of existing treated water tank capacity as well as systematic recoating of treated water tank interiors and exteriors to extend service life of these facilities.

Hydroelectric Improvements contains 4.2% or approximately $26.2 million of total spending in the CIP. These improvement center on the three run-of-river hydroelectric facilities currently owned by TMWA. Efforts on these facilities focus primarily on plant, flume, forebay, diversion and canal improvements, and equipment upgrades.

Customer Service Outlays contains 0.8% or approximately $5.0 million of total spending in the CIP. The majority of spending in this category is for Automated Meter Infrastructure (AMI) meter replacements, providing more accurate and real time usage information which can be leveraged for billing, conservation and cost efficiencies. Also, in this category is a spending provision for new business meters which is funded by development.

Administrative Outlays contains 4.4% or approximately $27.2 million of total spending in the CIP. These outlays are primarily for the purchase of heavy and light vehicles, excavation equipment and fleet upgrades. Other spending in this category are for facilities expansions, as well as a replacement HR/Payroll system (HCM) and ERP/Financial system. Also in this

category is spending for security improvements such as fencing, intrusion detection, security cameras, and lighting.

Special Programs Funded by Development include outlays for opportunistic water rights purchases. They are separated from a presentation standpoint because in the case of water right acquisitions, spending is currently driven by pricing opportunity. This comprises 2.0% or approximately $12.5 million of total spending in the CIP.

DEFINITIONS

Capital Improvement Program Definitions

The Five-Year CIP is a planning and budgeting tool, which provides information about TMWA's infrastructure needs for a five-year time frame. Each year, the list of projects is reviewed for cost and priority. New projects may be added and other projects delayed or deleted entirely. Since most projects are mandatory or necessary, deletion of a project would be rare with the exception of contingency spending. However, capital spending plans must remain flexible, and from time to time it is necessary to take revisions to the approved fiscal year's CIP back to the TMWA Board for approval. If construction or outlays can be deferred, TMWA will defer spending in order to preserve cash reserves, regardless whether or not there are difficult economic times. These decisions are made on a case by case basis.

Definition of Capital Outlays

"Capital Outlays," which are in TMWA's capital budget, include construction projects that improve the life of current TMWA infrastructure or are new additions to TMWA infrastructure. Other outlays include computer equipment and software, vehicles, and heavy equipment which are generally found in the Administrative category of projects. Outlays for meter installations and related infrastructure and equipment are generally included in the Customer Service category.

PRIORITIZATION OF PROJECTS/OUTLAYS

TMWA may not have sufficient funding to meet all its capital needs each year or may divert funding to meet unexpected capital improvements. If such conditions arise, projects are prioritized based on the effect each project has on TMWA's ability to meet customer demand and maintain water system reliability. TMWA's Funding Plan is used to analyze total spending, identify various funding alternatives, and determine whether or not water rate adjustments will be required.

The priority categories represent a relative degree of need for any particular project and are described below.

* **PRIORITY 1 MANDATORY:** These are considered absolutely required, and are the highest priority of all capital projects. Mandatory projects include those in final design or already under construction, or those required by legislation or regulation for protection of public health and safety. These projects are generally found in the first fiscal year of the CIP. Based on current water demands and infrastructure conditions, if the project is not completed, there is risk of eventually being unable to reliably provide water service to its existing customers and/or new and expanded service, or incur extended outages.

* **PRIORITY 2 NECESSARY:** A project that is important for providing water service to customers, yet timing of construction or spending outlay is not as critical as a mandatory project. These projects are required and are generally found in the last four years of the CIP. External factors such as the pace of new development or the condition of existing infrastructure may delay or accelerate the timing of project construction.

* **PRIORITY 3 CONTINGENCY:** These projects or capital outlays are not immediately critical to the operation of the water system. Expenditures in this category generally require a business case study or specific criteria to be met before spending can occur. If such criteria are not met, then spending may or may not be justified. Also, some projects can be deferred if spending is required in an area of higher priority. Even though these projects and outlays are in the CIP, the likelihood that spending will occur may be remote and is based upon future conditions that are difficult to predict.

FUNDING OF CAPITAL SPENDING

Funding Sources

The CIP will rely on various funding sources to pay for capital projects/capital outlays. TMWA relies heavily on revenues generated from water sales, hydroelectric, and other operating sales to fund the majority of projects. Developer contributions have historically been an important funding source for certain construction projects for new and expanded water system capacity. Investment income is also available to augment other revenue sources but is minor in relation to other funding sources. Funding from developer contributions can vary year to year and is dependent on the local economy and pace of new construction in TMWA's service territory. For this reason, TMWA does not rely on these fees to fund operations or fund annual principal and interest payments on TMWA's outstanding debt. TMWA may rely on the issuance of debt to fund large levels of capital spending in a particular period. Generally, TMWA does not issue new debt to fund capital projects. However, if there is an opportunity to issue debt at discounted rates, or with accompanying principal forgiveness, TMWA would consider this option.

Developer Contributions

TMWA looks to the development community for developer contributions in the form of system development charges or direct reimbursements to fund capital expenditures related to new or expanded water service, including pump station construction or expansions and feeder main extension projects. In June 2003, the TMWA Board adopted facility charges to pay for new treatment/supply capacity projects and new storage capacity projects. TMWA began collecting these facility charges in January 2004. Under TMWA's Rule 5 these proceeds are used to support new capacity construction. Rule 7 governs the purchase of water rights and reimbursement by developers for issuance of will-serve commitments for water service. However, because of the timing of certain growth driven capital projects, additional financial resources may be called upon as needed. The most recent update to the water system facility charges, which updated area fees, supply and treatment fees, as well as storage unit costs were approved by the TMWA Board in May, 2024 with an effective date of July, 2024. These fees are subject to periodic review for funding adequacy.

Financing Background

Revenue bond issuance has been an integral part of funding construction spending. TMWA has historically taken advantage of lower rate, subordinated debt financing obtained through the Drinking Water State Revolving Loan Fund (DWSRF) and a tax-exempt commercial paper program (TECP) due to lower cost of capital and repayment subordination features of these funding vehicles. Federal and State Grants and loan forgiveness programs have also been identified in the past to fund projects. In the event customer water sales and developer funding is not sufficient to cover immediate infrastructure needs, TMWA maintains the ability to access the

credit market and issue debt. TMWA has been able to reduce debt by over $100.1 million, and 23% during the last 5 years.

Rule 5 and Rule 7 Fees

These fees are collected from the development community. Rule 5 fees are paid by developers to TMWA for the construction of new water feeder mains, new treatment/supply capacity, new storage capacity, and for new or rebuilt pump stations to meet demand resulting from new and expanded service. Rule 7 Fees are derived from will-serve sales to development. TMWA historically purchased water rights on the open market and reserves these rights for will-serve letters to be sold to development. TMWA also recovers the applicable administrative and financing costs with the sale of each will-serve. The title to water rights are retained by and dedicated to TMWA. TMWA has sufficient inventory of water rights to meet the demands for new and expanded service for the foreseeable future.

Water Resource Sustainability Fund Fees

Resolution 272, passed by the Board of Directors on January 16, 2019, broadened the purpose of the Water Meter Retrofit Fee to support projects such as expanded conjunctive use, aquifer storage and recovery, demonstration and validation of advanced purified water treatment processes, future water resource identification and acquisition, and other projects that enhance water resource sustainability and drought resiliency. The fee is $1,600 for each acre-foot of demand when will-serve commitments based on surface water right dedications are issued for new or expanded service.

Capital Contributions from Other Governments

TMWA and the City of Reno entered into an Interlocal Agreement (ILA) effective December 7, 2021, which outlined cost sharing responsibilities for construction of the Advanced Purified Water Facility at American Flat. As discussed in more detail on page 23, the City of Reno will be funding 70% of the construction costs through contributions to TMWA, who will be the ultimate owner of the asset.

TMWA is a water wholesaler to the Sun Valley General Improvement District (SVGID). From time to time, new infrastructure must be constructed to service this retail water-service provider. There are no expectations of any need for reimbursement from this source in the CIP although historically SVGID has made contributions to TMWA.

Reserves from the Water Utility Consolidation

TMWA, the WCWU and STMGID consolidated on January 1, 2015. As a result of the consolidation, the respective treasuries of the WCWU and STMGID were transferred to TMWA.

The WCWU treasury that was transferred to TMWA amounted to approximately $43.4 million while the STMGID treasury transferred to TMWA was approximately $15.7 million of which zero remains. These cash and investment reserves will continue to be used to make necessary improvements in the former water utility service areas including conjunctive use enhancements.

Other Resources

One method of generating additional funds for capital improvements is to increase existing fees/ charges or to add new fees/charges. However, future increases are expected to be nominal if TMWA is able to meet revenue requirements and maintain bond coverage ratios that will suffice to maintain strong investment-grade credit ratings. TMWA has obtained many benefits of Aa2 from Moodys, AA+ from S&P, and AAA from Fitch. The Board approved a five-year customer water rate plan in February 2024 which included a 4.5%, 4.0% and a 3.5% over the following three years, followed by annual increases, maximum of 4.5% and minimum of 1.0% tied to the Consumer Price Index for all Urban Consumers (CPI-U) for the Western Region. The rate adjustments will be reviewed and evaluated by the Board each year with the ability for the Board to defer or modify the increase prior to implementation date. Water rate increases are essential for TMWA to maintain sound credit ratings and to preserve access to opportunities in the capital markets.

FISCAL YEAR 2026 CAPITAL SPENDING-THE CAPITAL BUDGET

TMWA expects to spend $121.6 million in fiscal year 2026, the first year of the FY 2026-2030 CIP. Of this total, $65.5 million will be funded by customer rates for water system rehabilitation, pressure system improvements, water main distribution service line improvements, and administrative and customer service outlays. Another $50.2 million will be funded by developer fees for water system expansion, limited opportunistic acquisition of water rights. Hydroelectric operations will fund $5.1 million in improvements. The sustainability fund will pay for $0.8 million in projects.

SUMMARY OF PROJECTS FOR THE FISCAL YEAR 2026 BUDGET

TMWA has established the following projects for the capital budget in fiscal year 2026 (Amounts presented in thousands of dollars):

Summary of Projects for FY 2026	Amount
Raw Water Supply Improvements	
Highland Canal Risk and Capacity Analysis	800
Highland Siphon Replacement	800
Highland Diversion Land Purchase	500
Donner Lake Dam Generator	100
Highland/Washoe Intake Access Bridge	1,500
Advanced Purified Water Facility at American Flat	30,000
Washoe Lake System Improvements	100
Independence Lake Communication Improvements	100
Total Raw Water Supply	**33,900**
Ground Water Supply Improvements	
Well Rehabilitation Improvements	200
Lemmon Valley Well 6 and 7 Abandonment	200
Lemmon Valley Well 8 Replacement and Equipping	800
Well Fix and Finish	350
Brush Well Replacement	200
Spring Creek 8 Well Equipping	500
Well Head TTHM Mitigation	300
Spring Creek Well 10 - Donovan	500
Fish Springs Ranch Geophysics/Drilling Project	200
STMGID Well 1 and 5 Re-Drill	1,400
Boomtown Water System Improvements	1,000
South Truckee Meadows Recharge Valve	250
Well Site Fencing	300

Summary of Projects for FY 2026 (continued)	Amount
DWR Well House HVAC Upgrades	300
Mt. Rose 6 Well HVAC Upgrade	200
Mt. Rose 5 Well Generator	200
Old Washoe Well 4 Rebuild	250
Sunrise Estates Well 4 Drilling and Equipping	1,200
Boomtown 12 Well Improvements	800
Stampmill Wells PFAS Treatment	1,250
Total Ground Water Supply	**10,400**
Treatment Plant Improvements	
Chalk Bluff Treatment Plant Improvements	350
Chalk Bluff Clearwell 2 Rehabilitation	500
Chalk Bluff HVAC Improvements	1,000
Chalk Bluff 25K Power Reliability and Safety Improvements	1,000
Glendale Treatment Plant Improvements	325
Glendale HVAC Improvements	1,500
Orr Ditch Pump Station Rehabilitation and Hydro Facility	1,500
Truckee Canyon Water Treatment Improvements	10
Lightning W Treatment Improvements	10
SCADA Rehabilitation / Plant Operating Software	1,000
Spanish Springs Nitrate Treatment Facility	200
Chalk Bluff Effluent Reservoir Outlet Repairs	1,700
Chalk Bluff Screening Facility Rehabilitation and Upgrades	1,000
Chalk Bluff Clearwells Roofing Rehabilitation	1,000
Chalk Bluff Site Water Recovery Project	750
Total Treatment Plant	**11,845**
Pressure Improvements	
Pressure Regulators Rehabilitation	2,200
Land Acquisitions	400
Pump Station Oversizing	250
Pump Station Rebuilds, Rehabilitations	1,400
PSOM Standby Generator Additions	1,600
Wildwood 2 Pressure Regulating Station SCADA Control	100
Thomas Creek 4 Pressure Regulating Station	300
Lazy 5 Low Head Pump Station and Mains	4,000
Lakeside Master Booster Pump Station and Plumas Consolidation Project	500
Broken Hills Booster Pump Station (South Hills Booster Pump Station Replacement)	500

Summary of Projects for FY 2026 (continued)	Amount
Sierra Highlands Pressure Regulating Station	250
Verdi 1 Booster Pump Station	700
Santerra Quilici 2 Booster Pump Station	200
Desert Ridge Booster Pump Station (Ascente)	1,500
Talus Valley Booster Pump Station	3,700
Tappan 2 Pressure Regulating Station	300
Caughlin Train A Improvements	300
Idlewild Irrigation Pump Station Improvements and Repair	300
Desert Springs 2 Booster Pump Station	750
Generator Manual Transfer Switch Improvements	150
Prater MOV Relocation/Rehab Project	400
Northwest High School Booster Pump Station HVAC and Starters	200
Total Pressure Improvements	**20,000**
Water Main-Distribution-Service Line Improvements	
Street and Highway Main Replacements	1,500
Goldeneye Parkway Main and Check Valve Tie	150
Kate Smith Water Main Replacement Phase 2	1,000
Rivermount Main Replacements Phase 1 and 2	1,170
S. Virginia St. Main Replacement (Moana to Peppermill)	2,000
Northeast Sparks Tank Feeder Main Relocation	975
Mt. Rose Tank 1 Fire Flow Improvements	400
Northeast Sparks Feeder Main Phase 8	50
Montreux High Pressure ACP Replacement	100
2nd Galena Creek Main Crossing	40
Highland NVS Bypass	100
West 4th Street Main Replacement (Stoker to Keystone)	1,600
West 4th Street Main Replacement (Keystone to Vine)	420
Pyramid Way Main Replacement	2,500
Prater Way Main Replacement	200
Lemmon Drive 24" Offset/Relocation	200
Keystone Main Replacement	150
6th St Main Replacement	150
Total Water Main-Distribution-Service Line	**12,705**
Potable Water Storage Improvements	
Sun Valley 2 Tank, Booster Pump Station and Mains	600
Storage Tank Rehabilitation and Improvements	3,500
Storage Tank Site Improvements	700
US 40 Tank and Feeder Main	3,550
Hidden Valley Tank 4 Fire Flow Improvements	1,500

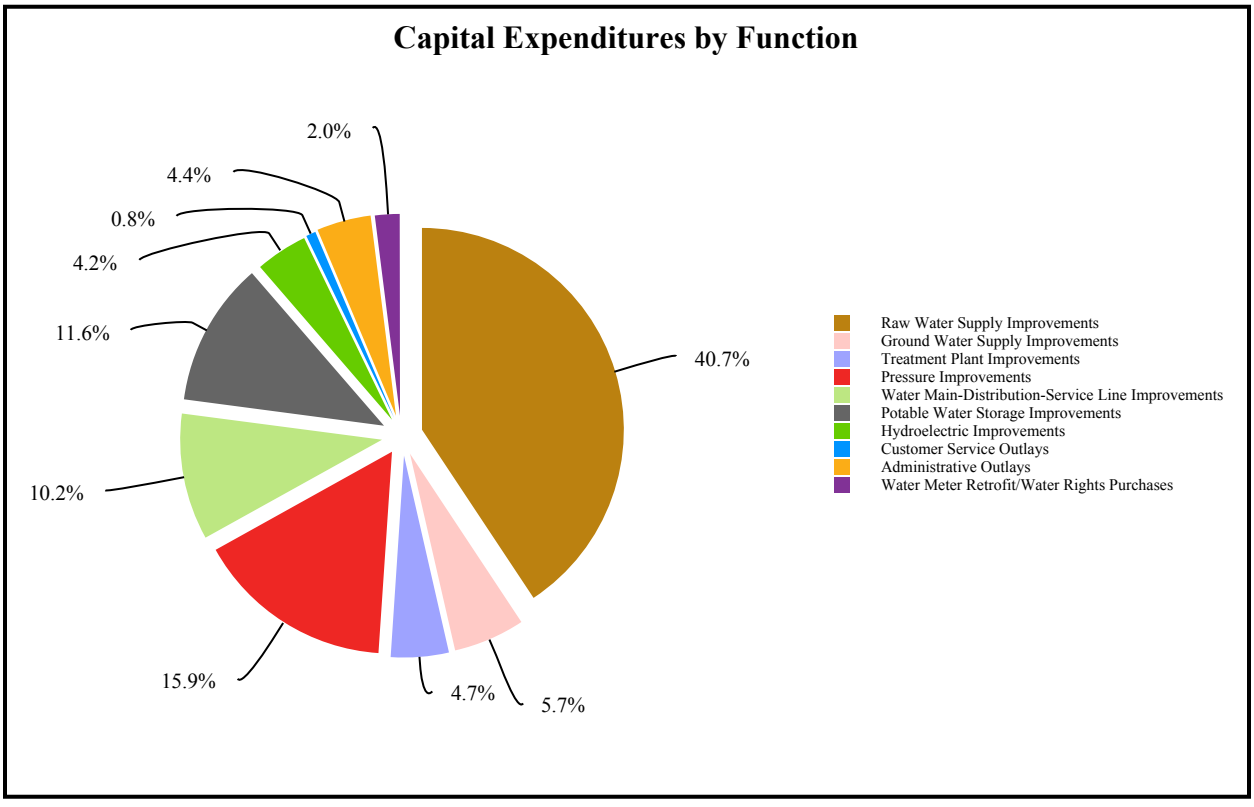
Summary of Projects for FY 2026 (continued)	Amount
Terminal Tank CO2 Delivery Road Improvements	400
Pyramid Tank Cathodic Protection Investigation	15
Mt. Rose 4 Fire Restoration	400
Total Potable Water Storage	**10,665**
Hydroelectric Improvements	
Flume Rehabilitation changes to Fleish Intake Improvements	800
Fleish Flume Improvements (Boxes 1-65 and 143-175)	1,000
Fleish Plant Improvements changes to Fleish Forebay and Flume (Boxes 343-434) Improvements	1,500
Fleish Powerhouse Improvements	500
Fleish Generator Rewind	650
Verdi Conveyance Improvements	50
Washoe Plant Improvements to Washoe Hydroturbine Facility Reconstruction	600
Total Hydroelectric	**5,100**
Customer Service Outlays	
New Business Meters	100
Mueller Pit Replacements former Washoe County	125
Galvanized / Poly Service Line Replacements	250
Automated Meter Infrastructure (AMI)	2,650
Total Customer Service Outlays	**3,125**
Administrative Outlays	
GIS / GPS System Mapping Equipment	20
IT Server Hardware and Equipment	20
IT Network Security Upgrades	10
IT Physical Access Security Upgrades	10
IT Firewall Infrastructure Enhancements	110
Printer / Scanner Replacement	10
Crew Trucks / Vehicles	2,000
Replacement HCM System	700
Replacement ERP System	500
Corporate Office Parking Rehabilitation	230
Radio Redundancy Purchase	250
Mobile Pro Security Camera Trailers	65
Security Surveillance Storage Resiliency Purchase	150
Mobile Generator Purchase	1,550
Capital Fleet Mechanics Shop	100
Financial Building Retrofit	1,500
Lab Equipment	265
Glendale Office Expansion	3,500

Summary of Projects for FY 2026 (continued)	Amount
Physical Site Security Fencing Improvements	350
Total Administrative Outlays	**11,340**
Special Projects Funded by Development	
Water Right Purchases	2,500
Total Special Projects	**2,500**
Total Capital Spend for FY 2026	**121,580**

Detailed project descriptions are provided for all projects in the CIP. These descriptions cover the fiscal year 2026 capital budget and the years 2027-2030.

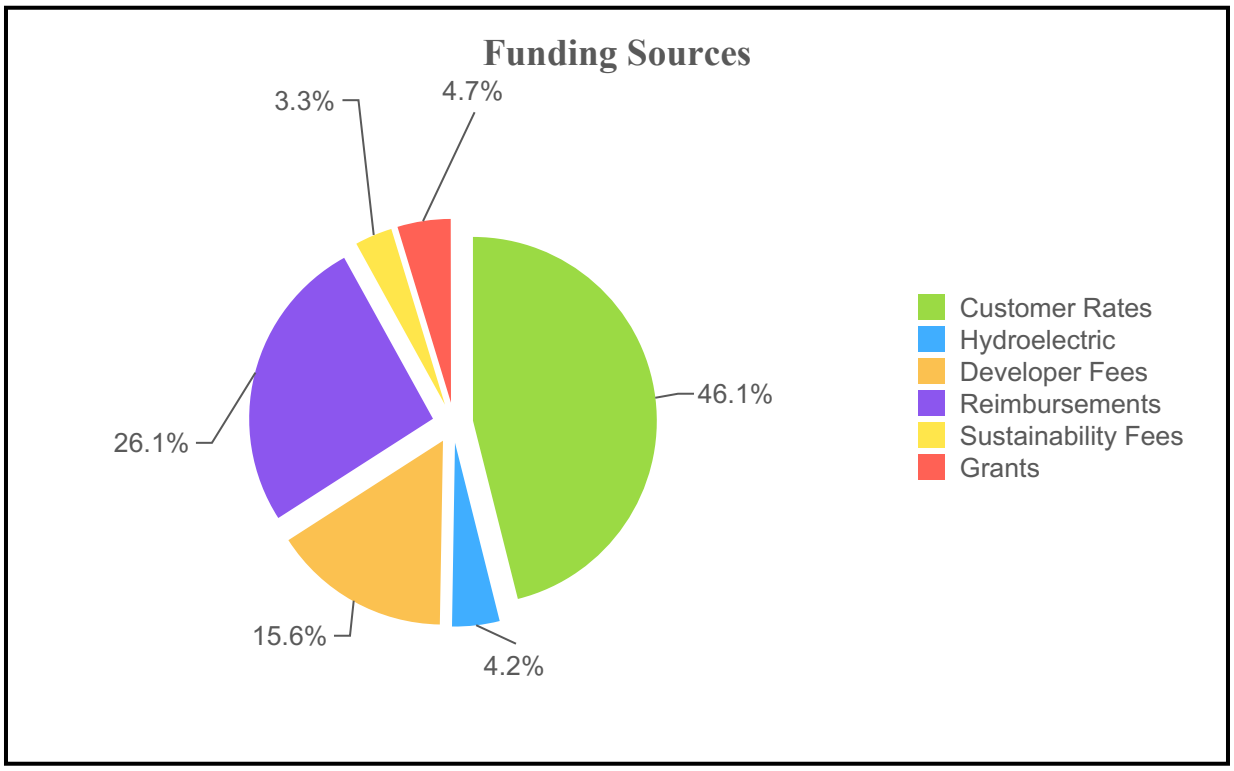
CAPITAL EXPENDITURES BY FUNCTION
(Amounts in thousands of dollars)

Summary of Capital Expenditures by Function	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
Raw Water Supply Improvements	33,900	112,425	84,225	20,725	3,100	254,375
Ground Water Supply Improvements	10,400	8,300	7,950	3,350	5,850	35,850
Treatment Plant Improvements	11,845	3,700	4,965	3,355	5,225	29,090
Distribution System Pressure Improvements	20,000	20,050	20,350	22,150	16,600	99,150
Water Main Distribution Service Line Improvements	12,705	18,120	14,850	9,800	8,025	63,500
Potable Water Storage Improvements	10,665	14,900	19,625	18,575	8,600	72,365
Hydroelectric Improvements	5,100	9,050	5,000	5,000	2,000	26,150
Customer Service Outlays	3,125	475	475	475	475	5,025
Administrative Outlays	11,340	6,535	4,620	2,120	2,600	27,215
Water Meter Retrofit / Water Rights Purchases	2,500	2,500	2,500	2,500	2,500	12,500
Total Projected Capital Spending	**121,580**	**196,055**	**164,560**	**88,050**	**54,975**	**625,220**



PRELIMINARY FUNDING PLAN
FUNDING SOURCES
(Amounts in thousands of dollars)

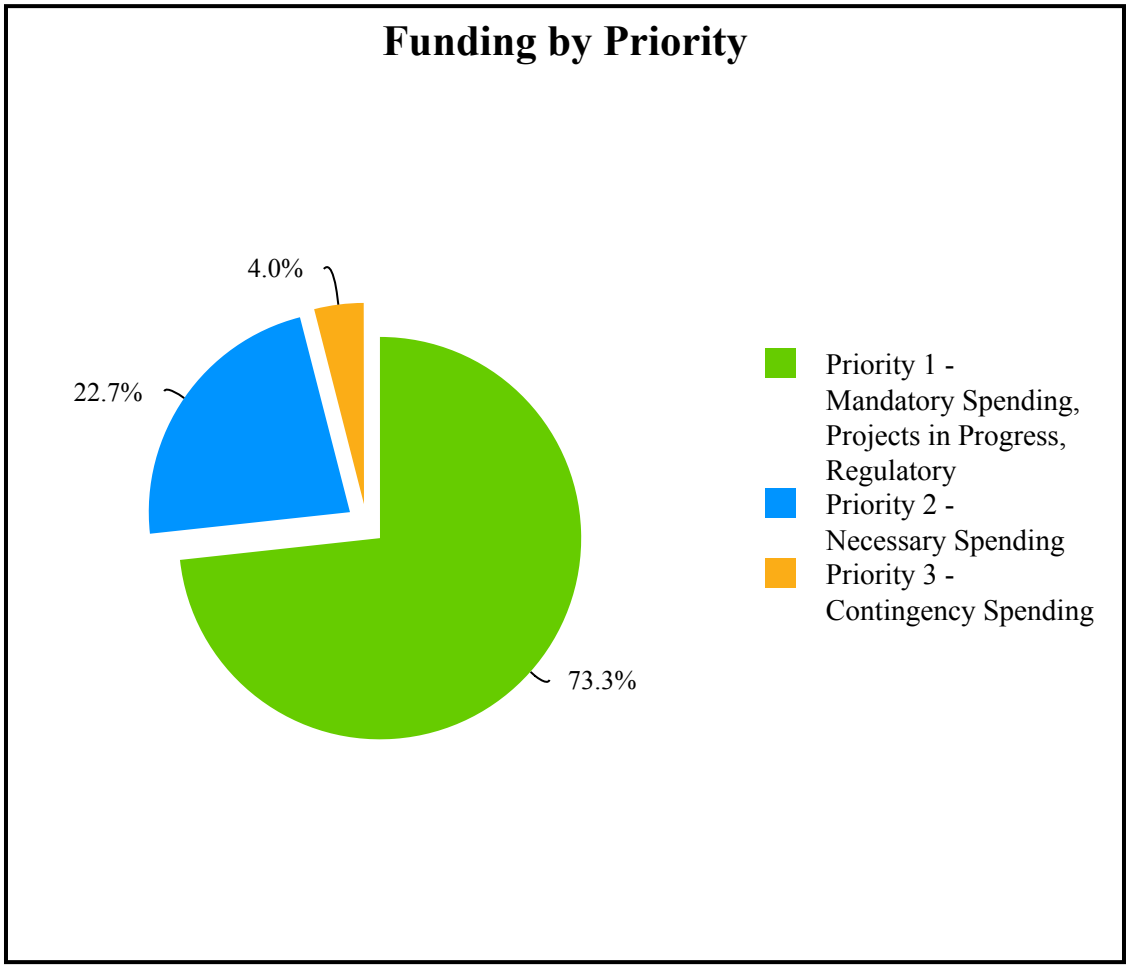
Summary of Funding Sources	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
Customer Rates	65,543	57,982	71,694	52,120	40,850	288,189
Hydroelectric	5,100	9,050	5,000	5,000	2,000	26,150
Developer Fees	12,188	31,463	23,036	18,990	12,125	97,802
Reimbursements	11,095	85,350	56,000	10,500	—	162,945
Sustainability Fees	782	10,710	7,830	1,440	—	20,762
Grants	26,872	1,500	1,000	—	—	29,372
Total Projected Capital Spending	**121,580**	**196,055**	**164,560**	**88,050**	**54,975**	**625,220**



FUNDING BY PRIORITY
(Amounts in thousands of dollars)

Summary of Funding by Priority	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
Priority 1 - Mandatory Spending, Projects in Progress, Regulatory	103,320	159,420	125,255	43,425	26,775	458,195
Priority 2 - Necessary Spending	15,365	30,265	32,975	38,150	25,325	142,080
Priority 3 - Contingency Spending	2,895	6,370	6,330	6,475	2,875	24,945
Total Projected Capital Spending	**121,580**	**196,055**	**164,560**	**88,050**	**54,975**	**625,220**

For additional information about how TMWA classifies its projects, see Prioritization of Projects/Outlays on Page 6.



PROJECT FUNCTIONS AND DESCRIPTIONS
RAW WATER SUPPLY IMPROVEMENTS
Summary

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
3	Customer Rates	Highland Canal-Upgrades-Downstream	—	225	225	225	—	675
1	Customer Rates	Highland Canal Risk and Capacity Analysis	800	500	1,500	1,500	2,500	6,800
1	Customer Rates	Highland Siphon Replacement	800	200	1,000	4,000	—	6,000
1	Customer Rates	Highland Diversion Land Purchase	500	—	—	—	—	500
2	Customer Rates	Donner Lake Dam Generator	100	—	—	—	—	100
1	Customer Rates	Highland/Washoe Intake Access Bridge	1,500	1,500	1,500	—	—	4,500
2	Customer Rates	Highland Canal Upgrades- Chalk Bluff Gate to McCarran	—	—	—	—	600	600
1	Developer Fees / Sustainability Fees / Grants/ Reimbursements	Advanced Purified Water Facility at American Flat	30,000	110,000	80,000	15,000	—	235,000
2	Customer Rates	Washoe Lake System Improvements	100	—	—	—	—	100
1	Customer Rates	Independence Lake Communication Improvements	100	—	—	—	—	100
Subtotal Raw Water Supply			**33,900**	**112,425**	**84,225**	**20,725**	**3,100**	**254,375**

Project Locations: Map of all *Raw Water Supply Improvements* projects are highlighted in the following map.


ADVANCED PURIFIED WATER FACILITY AT AMERICAN FLAT
HIGHLAND CANAL RISK AND CAPACITY ANALYSIS
HIGHLAND/WASHOE INTAKE ACCESS BRIDGE
HIGHLAND CANAL UPGRADES - DOWNSTREAM
HIGHLAND DIVERSION LAND PURCHASE
HIGHLAND CANAL UPGRADES - CB GATE TO MCCARRAN
HIGHLAND SIPHON REPLACEMENT
INDEPENDENCE LAKE COMMUNICATION IMPROVEMENTS
DONNER LAKE DAM GENERATOR
WASHOE LAKE SYSTEM IMPROVEMENTS
Loyalton
Sun Valley
Reno
Sparks
Floriston
Incline Village
Tahoe Vista
Kings Beach
Carnelian Bay
Crystal Bay
Tahoe City
Washoe Valley
Carson City
Truckee Meadows Water Authority
FY 2026-2030 CIP
RAW WATER SUPPLY IMPROVEMENTS
SUMMARY
DATE 4/17/2025
MAP BY: ML / DK
REQUESTED BY: ST
SCALE: 1 in = 5 miles
NORTH
NAD 83 NEVADA STATE PLANE WEST FEET

Raw Water Supply Improvements
Highland Canal-Upgrades-Downstream

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
3	Customer Rates	Highland Canal-Upgrades-Downstream	—	225	225	225	—	675

PROJECT DESCRIPTION: The improvements reflected in this capital project item are for the Highland Canal downstream of the Chalk Bluff Treatment Plant (east of South McCarran Blvd) to the terminus at Rancho San Rafeal Park. Approximately 2,000 feet of "Smart Ditch" (a molded plastic trapezoidal channel section) has been installed downstream of Chalk Bluff in recent years. This product reduces leakage and maintenance, and it is planned to continue installation in the future. Our efforts are rehabilitative in nature and may address access and security.

SCHEDULE: Projects are identified and prioritized on an annual basis.

Raw Water Supply Improvements
Highland Canal Risk and Capacity Analysis

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Highland Canal Risk and Capacity Analysis	800	500	1,500	1,500	2,500	6,800

PROJECT DESCRIPTION: This project aims to evaluate the condition, safety/security risks, and capacity of the existing Highland Canal system from the intake structure feeding the river siphon near Verdi down to Pucc's Diversion Gate at the east end of Chalk Bluff WTP. Based on results of the evaluation, recommendations for improvement will be made focused on improving security, safety, operating ability, maintainability, and capacity. The final deliverable of this analysis will provide a framework for future Capital Improvement Projects along the canal system.

SCHEDULE: Improvements are scheduled to be identified and prioritized in FY 2026 and the work starting in FY2027. This work is anticipated to continue past FY 2030.

Raw Water Supply Improvements
Highland Siphon Replacement

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Highland Siphon Replacement	800	200	1,000	4,000	—	6,000

PROJECT DESCRIPTION: Identified early in the Highland Risk and Capacity Analysis as the most critical component of the Highland Canal in need of replacement, this project was implemented quickly to replace the aging and vulnerable siphon under the Truckee River near Verdi. The siphon constructed around 1955 had previously been evaluated and reported that repair and/or replacement would be necessary in the 2020's to ensure consistent and optimal operation.

SCHEDULE: Improvements are scheduled to begin in FY 2026.

Raw Water Supply Improvements
Highland Diversion Land Purchase

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Highland Diversion Land Purchase	500	—	—	—	—	500

PROJECT DESCRIPTION: This is a purchase of 2.25 Acres from the Union Pacific Railroad (UPRR) that the existing Highland and Washoe Hydro intake currently resides within. Securing ownership of this parcel will streamline all future maintenance and improvements.

SCHEDULE: This purchased is scheduled to be complete in FY26.

Raw Water Supply Improvements
Donner Lake Dam Generator

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Donner Lake Dam Generator	100	—	—	—	—	100

PROJECT DESCRIPTION: Frequent power interruptions at the Donner Lake Dam have highlighted the need for a reliable backup power source to ensure continued operation of the actuated gates. This project involves evaluating options for a backup power system to maintain gate functionality during outages. Given the difficulty of accessing the site during winter storms and emergency events, a backup system is critical to ensure timely control of water releases in response to heavy precipitation and runoff.

SCHEDULE: The generator is scheduled to be installed in FY 2026.

Raw Water Supply Improvements
Highland/Washoe Intake Access Bridge

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Highland/Washoe Intake Access Bridge	1,500	1,500	1,500	—	—	4,500

PROJECT DESCRIPTION: TMWA currently relies on the Highland Truss Bridge to access the Highland/Washoe Canal intake structure off the Truckee River. This intake structure is the primary feed to the Chalk Bluff Water Treatment Plant and also supplies the Washoe Hydroelectric Facility. The bridge is beyond its useful life and requires replacement. The current bridge has limited capacity and was not intended to serve as the primary access point for equipment. Around 2008, the secondary access for equipment was lost and is no longer recoverable due to permitting issues with the UPRR. A replacement bridge with greater capacity is necessary to complete critical construction projects at the intake structure.

SCHEDULE: This project is underway and is scheduled to be complete in FY 2028

Raw Water Supply Improvements
Highland Canal Upgrades- Chalk Bluff Gate to McCarran

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Highland Canal Upgrades- Chalk Bluff Gate to McCarran	—	—	—	—	600	600

PROJECT DESCRIPTION: This project will line approximately 1,600 linear feet of the earthen ditch from Pucc's Diversion Gate at the Chalk Bluff Water Treatment Facility to McCarran Blvd.

SCHEDULE: This project is scheduled in FY2030.

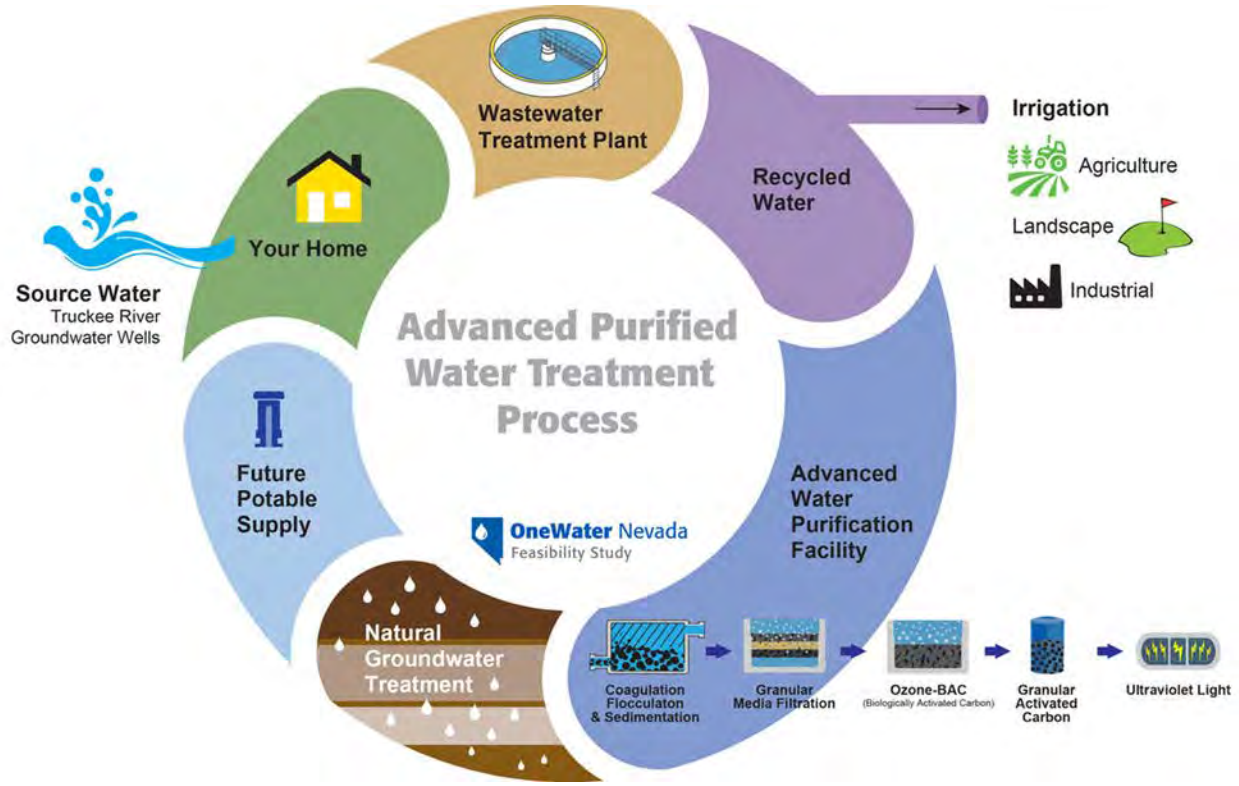
Raw Water Supply Improvements
Advanced Purified Water Facility at American Flat

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Developer Fees / Sustainability Fees / Grants/ Reimbursements	Advanced Purified Water Facility at American Flat	30,000	110,000	80,000	15,000	—	235,000

PROJECT DESCRIPTION: The Advanced Purified Water Facility at American Flat will be Nevada's first Advanced Purified Water project achieving category A+ reclaimed water quality. Category A+ reclaimed water is suitable for all Nevada water recycling practices, including augmenting groundwater aquifers. The Project's core element is a 2 million gallons per day (MGD) advanced purified water facility (APWF) producing 2,000 acre-feet (AF) of water annually for groundwater augmentation to provide a sustainable regional drought-proof supply and crucially enhance the region's water supply resiliency to help address future climate change impacts. TMWA is partnering with City of Reno who will be reimbursing TMWA for 70% of the total construction costs of the project.

SCHEDULE: Construction will continue through FY 2029.



Raw Water Supply Improvements
Washoe Lake System Improvements

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Washoe Lake System Improvements	100	—	—	—	—	100

PROJECT DESCRIPTION: This project includes necessary improvements to the Washoe Lake Dam and associated infrastructure to enhance the ability to monitor, capture, store, and convey raw water. These upgrades are essential to support regional water supply objectives, increase system reliability, and improve operational efficiency in response to fluctuating hydrologic conditions.

SCHEDULE: Projects are identified and prioritized on an annual basis.

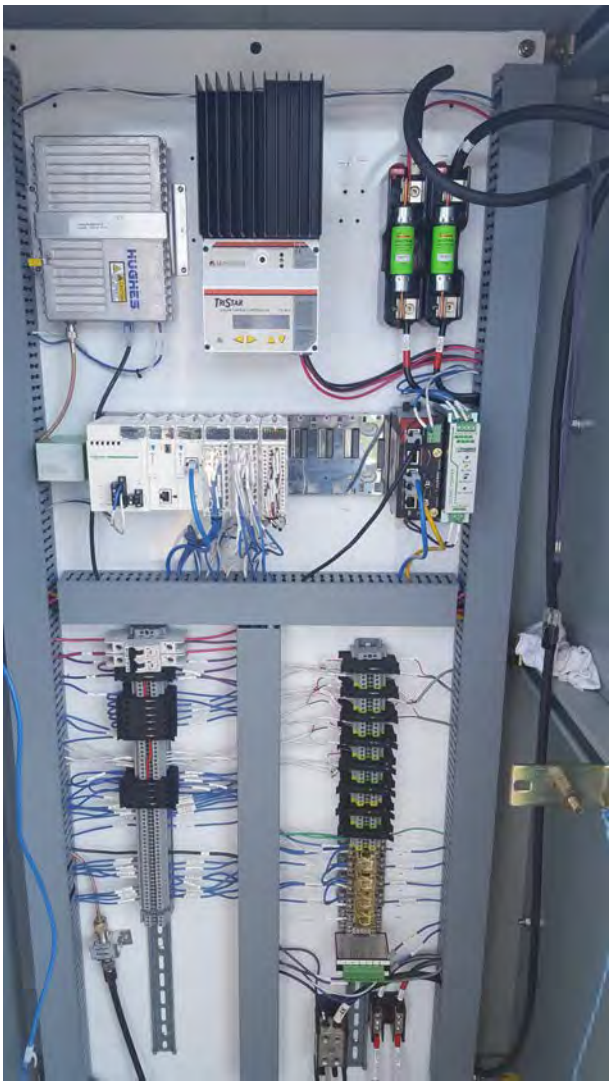
Raw Water Supply Improvements
Independence Lake Communication Improvements

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Independence Lake Communication Improvements	100	—	—	—	—	100

PROJECT DESCRIPTION: This project will upgrade the communications connection to TMWA SCADA system to improve operational reliability and security of the system.

SCHEDULE: Improvements are scheduled for FY 2026.



GROUND WATER SUPPLY IMPROVEMENTS
Summary

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Well Rehabilitation Improvements	200	200	200	200	200	1,000
2	Customer Rates	Air Guard Well Replacement Equipping	—	—	—	—	2,000	2,000
2	Customer Rates	Lemmon Valley Well 6 and 7 Abandonment	200	—	—	—	—	200
2	Customer Rates	Lemmon Valley Well 8 Replacement and Equipping	800	—	—	2,500	—	3,300
1	Customer Rates	Well Fix and Finish	350	350	350	350	350	1,750
1	Customer Rates	Brush Well Replacement	200	—	—	—	—	200
1	Customer Rates	Spring Creek 8 Well Equipping	500	2,000	1,500	—	—	4,000
1	Customer Rates / Sustainability Fees	Well Head TTHM Mitigation	300	300	300	—	—	900
1	Developer Fees	Spring Creek Well 10 - Donovan	500	1,500	500	—	—	2,500
2	Customer Rates/ Reimbursements	Fish Springs Ranch Geophysics/Drilling Project	200	—	—	—	—	200
1	Customer Rates	STMGID Well 1 and 5 Re-Drill	1,400	—	—	—	—	1,400
3	Customer Rates	Boomtown 13 Well	—	—	2,000	—	—	2,000
2	Developer Fees	Boomtown Water System Improvements	1,000	—	—	—	—	1,000
1	Customer Rates	Lightning W 2 Re-Drill and Equipping	—	—	800	—	3,000	3,800
2	Customer Rates	South Truckee Meadows Recharge Valve	250	—	—	—	—	250
3	Customer Rates	STMGID 6 Well Re-Drill	—	1,500	—	—	—	1,500
2	Customer Rates	Stampmill 3 Well	—	—	1,000	—	—	1,000
2	Customer Rates	Well Site Fencing	300	—	—	—	—	300
2	Customer Rates	DWR Well House HVAC Upgrades	300	300	300	300	300	1,500
1	Customer Rates	Mt. Rose 6 Well HVAC Upgrade	200	—	—	—	—	200
1	Customer Rates	Mt. Rose 5 Well Generator	200	—	—	—	—	200
1	Customer Rates	Old Washoe Well 4 Rebuild	250	500	—	—	—	750

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Sunrise Estates Well 4 Drilling and Equipping	1,200	150	—	—	—	1,350
1	Customer Rates	Boomtown 12 Well Improvements	800	—	—	—	—	800
1	Grants	Stampmill Wells PFAS Treatment	1,250	1,500	1,000	—	—	3,750
Subtotal Ground Water Supply			**10,400**	**8,300**	**7,950**	**3,350**	**5,850**	**35,850**

Project Locations: Map of all *Ground Water Supply Improvements* projects are highlighted in the following map.


FISH SPRINGS RANCH GEOPHYSICS/DRILLING PROJECT
AIR GUARD WELL REPLACEMENT EQUIPPING
LEMMON VALLEY WELL 6 AND 7 ABANDONMENT
LEMMON VALLEY WELL 8 REPLACEMENT AND EQUIPPING
SPRING CREEK 10 WELL - DONOVAN
BRUSH WELL REPLACEMENT
SPRING CREEK 8 WELL EQUIPPING
STAMPMILL 3 WELL
STAMPMILL WELLS PFAS TREATMENT
WELL SITE FENCING
WELL REHABILITATION IMPROVEMENTS
WELL FIX AND FINISH
WELL HEAD TTHM MITIGATION
BOOMTOWN 13 WELL
BOOMTOWN 12 WELL IMPROVEMENTS
BOOMTOWN WATER SYSTEM IMPROVEMENTS
SOUTH TRUCKEE MEADOWS RECHARGE VALVE
STMGID 6 WELL RE-DRILL
STMGID WELL 1 & 5 RE-DRILL AND EQUIPPING
DWR WELL HOUSE HVAC UPGRADES
MT. ROSE 6 WELL HVAC UPGRADE
MT. ROSE 5 WELL GENERATOR
SUNRISE ESTATES WELL 4 DRILLING & EQUIPPING
OLD WASHOE WELL 4 REBUILD
LIGHTNING W 2 RE-DRILL AND EQUIPPING
Truckee Meadows Water Authority
FY 2026-2030 CIP
GROUND WATER SUPPLY IMPROVEMENTS SUMMARY
DATE 4/18/2025
MAP BY: ML / DK
REQUESTED BY: ST
SCALE: 1 in = 5 miles
NORTH
NAD 83 NEVADA STATE PLANE WEST FEET

Ground Water Supply Improvements
Well Rehabilitation Improvements

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Well Rehabilitation Improvements	200	200	200	200	200	1,000

PROJECT DESCRIPTION: Funds are budgeted to rehabilitate TMWA production wells as required. Typically for subgrade rehabilitation efforts, five to six wells are inspected, tested and evaluated every year to determine if rehabilitation is required. Typical subgrade rehab activities include but are not limited to pump and pump column pipe replacements; rehabilitation of well casing and screen; and other enhancements to maintain well function and capacities. Spending in fiscal years 2026-2030 will include improvements at several wells to provide general above grade well equipment and building and/or electrical upgrades. Some of the spending will go towards converting an oil lubed shaft vertical turbine to water lubed and eliminate any standing oil in the well. TMWA has over 90 production wells operating throughout the water system. TMWA relies on these wells to provide drought and emergency supply and as a supplemental source to meet peak demands on the water system.

SCHEDULE: Wells targeted for rehabilitation improvements in FY 2026 include Lakeside Well STMGID 11 Well, View Street Well and 21st Street Well.

Ground Water Supply Improvements
Air Guard Well Replacement Equipping

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Air Guard Well Replacement Equipping	—	—	—	—	2,000	2,000

PROJECT DESCRIPTION: Replacement of the Air Guard Well in Stead was necessary to reduce sanding and provide additional capacity to the Stead system. The new/replacement well was drilled and constructed in FY 2016. Test pumping indicates the new well will have a capacity of about 2,500 gallons per minute which is twice the capacity of the old well. The budget for FY 2030 is for constructing the pumping facilities including the well building, pump and motor, valves and piping, electrical and controls, etc.

SCHEDULE: The pumping facilities are scheduled for construction in FY 2030.

Ground Water Supply Improvements
Lemmon Valley Well 6 and 7 Abandonment

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Lemmon Valley Well 6 and 7 Abandonment	200	—	—	—	—	200

PROJECT DESCRIPTION: Lemmon Valley Wells 6 and 7 are located in the newly established floodplain and have historically experienced flooding. Due to water quality issues and flooding concerns, TMWA has decided to abandon these wells and seek alternative locations.

SCHEDULE: The abandonment activities are scheduled for FY 2026.

Ground Water Supply Improvements
Lemmon Valley Well 8 Replacement and Equipping

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Lemmon Valley Well 8 Replacement and Equipping	800	—	—	2,500	—	3,300

PROJECT DESCRIPTION: The existing Lemmon Valley 8 Well has been in service since 1974, making it one of the older wells in the East Lemmon Valley system. The existing well casing and screens show signs of significant corrosion. With the potential for a well casing failure, TMWA intends to drill and equip a replacement well on the existing well property. In addition, the replacement well is expected to have similar construction while producing at least 20 percent more capacity than the original Lemmon Valley 8 Well. The additional capacity will provide supply to support base load supplied from the Fish Springs groundwater system.

SCHEDULE: Well drilling will occur in FY 2026 and well equipping in FY 2029.

Ground Water Supply Improvements
Well Fix & Finish

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Well Fix and Finish	350	350	350	350	350	1,750

PROJECT DESCRIPTION: Equipment improvements are expected to bring existing wells up to modern standards, including antiquated equipment replacements and improvements for water quality purposes. This project includes improvements to sodium hypochlorite rooms, pump to waste lines and drainage improvements. It also includes well retrofit for recharge where needed.

SCHEDULE: Projects are identified and prioritized on an annual basis.

Ground Water Supply Improvements
Brush Well Replacement

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Brush Well Replacement	200	—	—	—	—	200

PROJECT DESCRIPTION: The Brush Well was replaced in FY 2019. Well equipping is currently underway, but due to long lead times for certain electrical gear, completion and startup of the well are now expected in the Fall of 2025.

SCHEDULE: Equipping is scheduled to be completed in FY 2026.

Ground Water Supply Improvements
Spring Creek 8 Well Equipping

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Spring Creek 8 Well Equipping	500	2,000	1,500	—	—	4,000

PROJECT DESCRIPTION: The Spring Creek 8 production well was replaced in FY 2019. The next phase for this site involves equipping the well with a vertical turbine pump and a pump house that includes CO_2 pH treatment, a backup generator, and recharge capability.

SCHEDULE: Well equipping is scheduled to begin in FY 2026.

Ground Water Supply Improvements
Well Head TTHM Mitigation

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates / Sustainability Fees	Well Head TTHM Mitigation	300	300	300	—	—	900

PROJECT DESCRIPTION: Planning, permitting and implementation of tank mixers and ventilation equipment technologies to reduce disinfection byproduct (DBP) formation in recharged water and receiving groundwater.

SCHEDULE: Other technologies will be implemented at key recharge well sites in subsequent years based on priority.

Ground Water Supply Improvements
Spring Creek Well 10 - Donovan

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Developer Fees	Spring Creek Well 10 - Donovan	500	1,500	500	—	—	2,500

PROJECT DESCRIPTION: The project involves construction and equipping of a new production well located just south of Indian Sage Court in Spanish Springs Valley. TMWA owns a 6,000 square feet parcel at this location where a test well was previously constructed but will need access and pipeline/utility easements. It is anticipated that the new well will produce up to 500 gallons per minute of new supply for the area.

SCHEDULE: This project is scheduled to begin in FY 2026.

Ground Water Supply Improvements
Fish Springs Ranch Geophysics/Drilling Project

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates/ Reimbursements	Fish Springs Ranch Geophysics/Drilling Project	200	—	—	—	—	200

PROJECT DESCRIPTION: An airborne geophysical survey and subsequent drilling program will be conducted to confirm and/or refine hydraulic characteristics in Honey Lake Valley. The results from the airborne survey will be utilized to identify locations for new monitoring wells, which will validate the aquifer materials identified by the survey. This information will then be used to validate and refine aquifer parameters in the groundwater model that TMWA uses to manage resources in Honey Lake Valley.

SCHEDULE: This work will be conducted in FY 2026.

Ground Water Supply Improvements
STMGID Well 1 and 5 Re-Drill

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	STMGID Well 1 and 5 Re-Drill	1,400	—	—	—	—	1,400

PROJECT DESCRIPTION: This project involves the complete replacement of STMGID Well 1 and STMGID Well 5. Recent rehabilitation work on these production wells indicated the screens have deteriorated and can allow sediment and gravel pack to pass through. These wells are critical groundwater supply assets, with STMGID Well 1 accounting for approximately 24% of the max day demand in the STMGID Tank Zone 1 and STMGID Well 5 accounting for approximately 18% of the max day demand in the STMGID Tanks 4 & 5 Zone.

SCHEDULE: The wells are estimated to be drilled in FY 2026 and equipped outside the 5-YR CIP.

Ground Water Supply Improvements
Boomtown 13 Well

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
3	Customer Rates	Boomtown 13 Well	—	—	2,000	—	—	2,000

PROJECT DESCRIPTION: The project involves the drilling and equipping of a new production well in Verdi, located adjacent the Boomtown billboard. This well will replace the retirement of existing Boomtown Wells and will support the peak day demand for the Boomtown area.

SCHEDULE: The well is estimated to be drilled and constructed in FY 2028.

Ground Water Supply Improvements
Boomtown Water System Improvements

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Developer Fees	Boomtown Water System Improvements	1,000	—	—	—	—	1,000

PROJECT DESCRIPTION: This project involves retrofitting the Boomtown water system to regulatory and TMWA standards. This includes improvements at Well 7 and part of the improvements at Well 12 and Well 8. This includes electrical power service improvements to all three wells.

SCHEDULE: This work is scheduled to take place in FY 2026.

Ground Water Supply Improvements
Lightning W 2 Re-Drill and Equipping

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Lightning W 2 Re-Drill and Equipping	—	—	800	—	3,000	3,800

PROJECT DESCRIPTION: The existing production well Lightning W2 was poorly designed and constructed. The current condition of the well does not allow for proper maintenance and rehabilitation of the production well due to a shallow, small diameter sleeve that was permanently installed. A new well will be re-drilled and constructed with superior materials and a better design to facilitate future maintenance and better well rehabilitations. This will ensure well longevity and provide additional groundwater redundancy for the Lightning W system.

SCHEDULE: The re-drill is currently scheduled for FY 2028 and equipping in FY 2030. Prioritization for this well will be analyzed each FY moving forward.

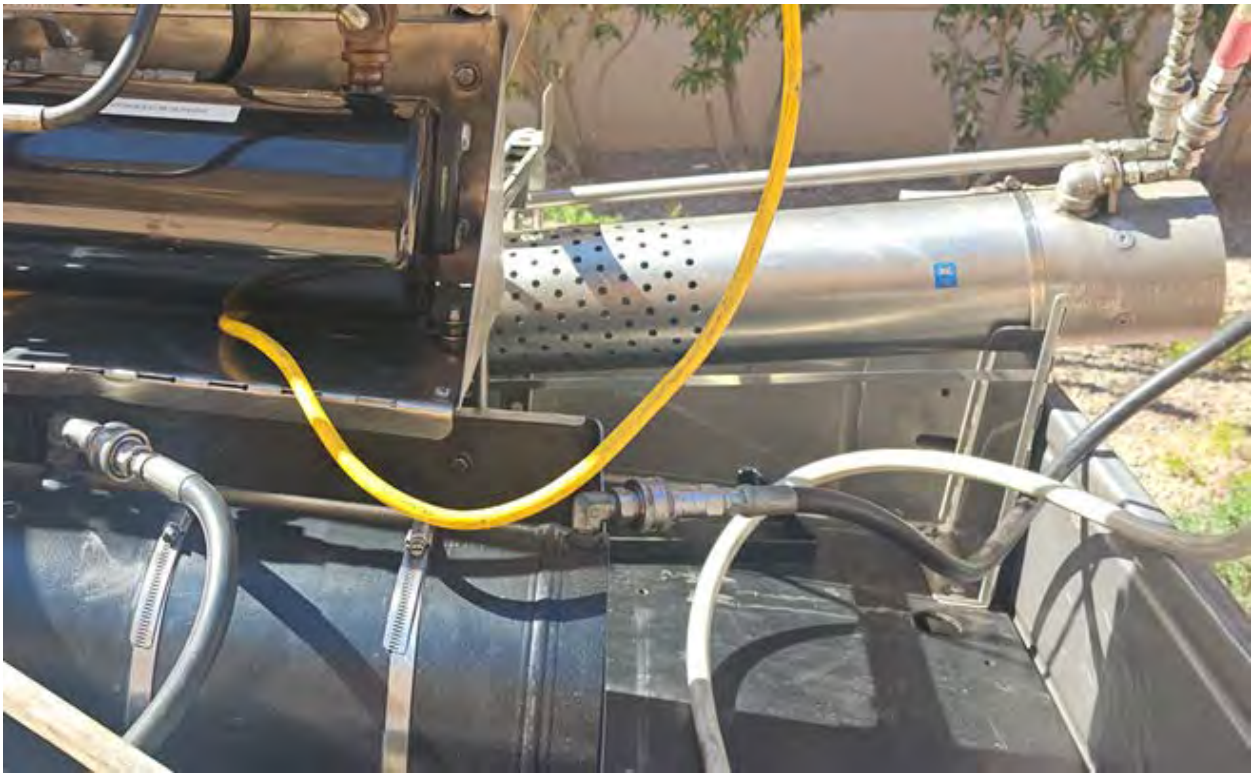
Ground Water Supply Improvements
South Truckee Meadows Recharge Valve

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	South Truckee Meadows Recharge Valve	250	—	—	—	—	250

PROJECT DESCRIPTION: To support the expansion of Aquifer Storage and Recovery (ASR) in the South Truckee Meadows, downhole flow control valves must be installed at select wells. These valves will be installed on the pump column and are designed to regulate flow, support both pumping and injection operations, and prevent air entry during injection.

SCHEDULE: The valve is scheduled to be installed in FY 2026.



Ground Water Supply Improvements
STMGID 6 Well Re-Drill

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
3	Customer Rates	STMGID 6 Well Re-Drill	—	1,500	—	—	—	1,500

PROJECT DESCRIPTION: This project involves the complete replacement of STMGID Well 6. This well is nearing the end of its useful life and will require replacement. This well is a critical groundwater supply asset, accounting for up to 57% of the max day demand in the STMGID Tanks 4 and 5 Zone.

SCHEDULE: The well is scheduled to be drilled in FY 2027.

Ground Water Supply Improvements
Stampmill 3 Well

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Stampmill 3 Well	—	—	1,000	—	—	1,000

PROJECT DESCRIPTION: This project involves the installation of a new well in a new location for the Stampmill System. Stampmill Well 3 will supply the system in a back-up capacity as the existing Stampmill 1 and 2 Wells are nearing the end of their useful lives.

SCHEDULE: The well is scheduled to be drilled in FY 2028.

Ground Water Supply Improvements
Well Site Fencing

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Well Site Fencing	300	—	—	—	—	300

PROJECT DESCRIPTION: Physical site security improvements for TMWA facilities and properties based on recommendations from previous Department of Homeland Security (DHS) Vulnerability Assessments. Priorities for this project include the addition of site perimeter fencing at multiple well sites that are currently unfenced as well as several additional sites that are inadequately fenced. Fencing will be placed on the property boundary to maximize the amount of useable space within the fenced area at each site. The intent of this project is to combine all of the unfenced well sites into one bid project which will be completed within a single fiscal year by the winning contractor.

SCHEDULE: Improvements are scheduled for FY 2026.

Ground Water Supply Improvements
DWR Well House HVAC Upgrades

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	DWR Well House HVAC Upgrades	300	300	300	300	300	1,500

PROJECT DESCRIPTION: The Department of Water Resources (DWR Washoe County) previously used technology that generated low-strength sodium hypochlorite from salt. Some time ago, TMWA retrofitted all the DWR wells with 12.5% sodium hypochlorite tanks. A recent regulatory change requires these chemical rooms to be maintained at 60°F to prevent off-gassing. The current HVAC systems in these wells cannot keep up and need to be retrofitted.

SCHEDULE: This project has a list of wells based on criticality that will be retrofitted each year until all have been upgraded.

Ground Water Supply Improvements
Mt. Rose 6 Well HVAC Upgrade

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Mt. Rose 6 Well HVAC Upgrade	200	—	—	—	—	200

PROJECT DESCRIPTION: Recently TMWA completed the relocation and retrofit of the Mt. Rose 6 Well booster pump station within the existing building structure. To bring the well and booster online, temporary HVAC systems were installed to manage the increased heat load generated by the new booster pump equipment. This project involves the design and installation of a permanent HVAC solution to adequately and efficiently handle the thermal demands of the well and booster pump operation.

SCHEDULE: This project is scheduled to be completed in FY 2026.

Ground Water Supply Improvements
Mt. Rose 5 Well Generator

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Mt. Rose 5 Well Generator	200	—	—	—	—	200

PROJECT DESCRIPTION: As part of the recent booster pump station upgrades at the Mt. Rose 6 Well site, electrical conduits were installed in anticipation of the future need for a permanent standby generator. This planning consideration was driven by the critical nature of the well within the water supply system and its location in a Public Safety Outage Management (PSOM) event zone designated by NV Energy. This project will implement the installation of a permanent generator system to ensure uninterrupted operation of the well during power outages.

SCHEDULE: This project is scheduled to be completed by FY 2026.

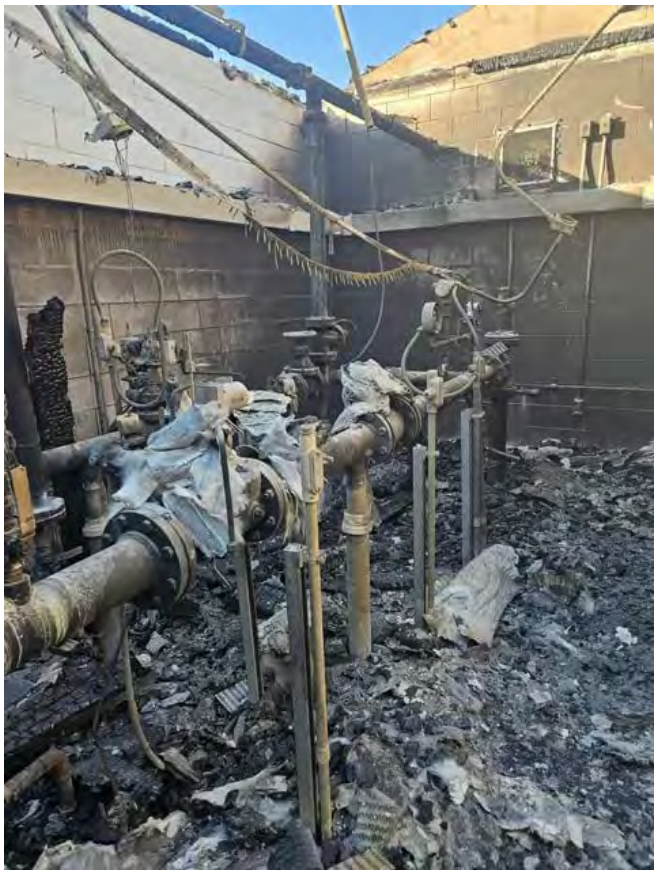
Ground Water Supply Improvements
Old Washoe Well 4 Rebuild

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Old Washoe Well 4 Rebuild	250	500	—	—	—	750

PROJECT DESCRIPTION: Old Washoe Well 4 was destroyed during the September 2024 Davis Fire. This project involves the complete reconstruction of the well facility, with a focused effort on improving fire resiliency. Key design considerations will include the use of non-flammable and fire-resistant building materials, as well as the creation of an expanded defensible space around the well building. The objective is to restore full operational capacity of the well while significantly enhancing its ability to withstand any future wildfire events.

SCHEDULE: The demolition of this project is underway in FY 2025 and the project is scheduled to be completed in FY 2027.



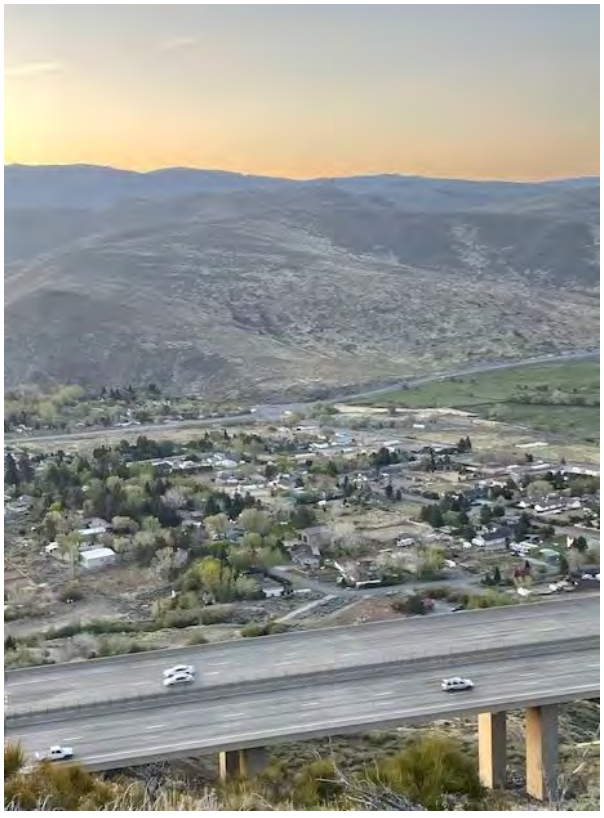
Ground Water Supply Improvements
Sunrise Estates Well 4 Drilling and Equipping

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Sunrise Estates Well 4 Drilling and Equipping	1,200	150	—	—	—	1,350

PROJECT DESCRIPTION: Sunrise Estates Well 4 currently operates as part of a satellite water system and has identified needs for improved reliability and redundancy. This project will involve drilling a new well and equipping it initially with a submersible well pump. The new well will be connected to the existing well house piping infrastructure, with system controls configured to allow operation of only one well at a time. This approach provides immediate backup capacity while maintaining system integrity. In the future, the new well will be upgraded with a vertical turbine pump and enclosed in a dedicated pump house to further enhance long-term reliability and performance.

SCHEDULE: The initial drilling and equipping is scheduled to start in FY 2026 and completed in FY 2027.



Ground Water Supply Improvements
Boomtown 12 Well Improvements

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Boomtown 12 Well Improvements	800	—	—	—	—	800

PROJECT DESCRIPTION: The Boomtown 12 Well Improvement Project aims to upgrade the well to meet current TMWA operational and water quality standards. The scope of work includes replacement of the existing well pump, installation of a flush-to-waste system for startup and shutdown operations, and the addition of a new down-hole control valve to facilitate well recharge. Additional enhancements will include installation of chlorine analyzers and other improvements necessary to ensure compliance, enhance reliability, and support long-term performance of the well.

SCHEDULE: This project is schedule to be completed in FY 2026.

Ground Water Supply Improvements
Stampmill Wells PFAS Treatment

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Grants	Stampmill Wells PFAS Treatment	1,250	1,500	1,000	—	—	3,750

PROJECT DESCRIPTION: The Stampmill Wells, located in Wadsworth, serve as part of a satellite water system and have recorded PFAS concentrations that are expected to exceed the new EPA Maximum Contaminant Levels (MCLs) when compliance takes effect in January 2029. This project will design and install a permanent treatment system to reduce PFAS levels to below future regulatory limits. A small-scale treatment study is currently underway, utilizing water from the Stampmill Wells to evaluate treatment effectiveness and inform the final system design. Full-scale design and construction of the treatment facility will follow based on the study results to ensure compliance and protect public health.

SCHEDULE: This project is currently underway in the planning phase and design and construction will follow. The anticipated completion of this project is scheduled for FY 2028.

TREATMENT PLANT IMPROVEMENTS
Summary

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Chalk Bluff Treatment Plant Improvements	350	525	425	425	740	2,465
3	Customer Rates	Chalk Bluff Sedimentation Rehabilitation	—	800	—	—	—	800
1	Customer Rates	Chalk Bluff Clearwell 2 Rehabilitation	500	—	—	—	—	500
2	Customer Rates	Chalk Bluff HVAC Improvements	1,000	—	—	—	4,000	5,000
1	Customer Rates	Chalk Bluff 25K Power Reliability and Safety Improvements	1,000	—	—	—	—	1,000
2	Customer Rates	Chalk Bluff Soda Ash Reliability Upgrade	—	350	—	—	—	350
1	Customer Rates	Glendale Treatment Plant Improvements	325	405	360	455	485	2,030
1	Customer Rates	Glendale HVAC Improvements	1,500	—	—	—	—	1,500
2	Customer Rates	Mt Rose Treatment Plant Efficiency Improvements	—	100	1,000	—	—	1,100
2	Customer Rates	Glendale Filter Underdrains	—	750	1,750	1,500	—	4,000
1	Customer Rates	Orr Ditch Pump Station Rehabilitation and Hydro Facility	1,500	—	—	—	—	1,500
3	Customer Rates	Truckee Canyon Water Treatment Improvements	10	10	20	60	—	100
3	Customer Rates	Lightning W Treatment Improvements	10	10	10	165	—	195
1	Customer Rates	SCADA Rehabilitation / Plant Operating Software	1,000	750	750	750	—	3,250
1	Customer Rates	Spanish Springs Nitrate Treatment Facility	200	—	—	—	—	200
1	Customer Rates	Chalk Bluff Effluent Reservoir Outlet Repairs	1,700	—	—	—	—	1,700
1	Customer Rates	Chalk Bluff Screening Facility Rehabilitation and Upgrades	1,000	—	—	—	—	1,000

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Chalk Bluff Clearwells Roofing Rehabilitation	1,000	—	—	—	—	1,000
2	Customer Rates	Chalk Bluff Site Water Recovery Project	750	—	—	—	—	750
2	Customer Rates	Chalk Bluff Lighting and Camera Project Phase 2 (East)	—	—	650	—	—	650
Subtotal Treatment Improvements			**11,845**	**3,700**	**4,965**	**3,355**	**5,225**	**29,090**

Project Locations: Map of all *Treatment Plant Improvements* projects are highlighted in the following map.


SPANISH SPRINGS NITRATE TREATMENT FACILITY
Sun Valley
SCADA REHAB / PLANT OPERATING SOFTWARE
GLENDALE TREATMENT PLANT
CHALK BLUFF TREATMENT PLANT
Reno
Verdi
ORR DITCH PUMP STATION
LONGLEY TREATMENT PLANT
TRUCKEE CANYON TREATMENT PLANT
MT ROSE TREATMENT PLANT
Virginia City
Washoe Valley
Incline Village
Crystal Bay
LIGHTNING W
Dayton
Truckee Meadows Water Authority
FY 2026-2030 CIP
TREATMENT PLANT IMPROVEMENTS
SUMMARY
DATE 4/17/2025
MAP BY: ML / DK
REQUESTED BY: ST
SCALE: 1 in = 4 miles
NORTH
NAD 83 NEVADA STATE PLANE WEST FEET

Treatment Plant Improvements
Chalk Bluff Treatment Plant Improvements

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Chalk Bluff Treatment Plant Improvements	350	525	425	425	740	2,465

PROJECT DESCRIPTION: The Chalk Bluff Water Treatment Plant is over 30 years old and requires ongoing rehabilitation work to remain fully operational. This spending is classified as necessary due to the criticality of maintaining plant operations during rehabilitation work. Plant improvements include, but are not limited to: plate settler inspections, valve and instrument replacement, filter media replacement, UPS upgrades, water treatment solids removal improvements, influent water treatment train improvements, additional finished water isolation valves, flow meter improvements and safety improvements.

SCHEDULE: Major projects and timelines include flow meter, actuator and pump replacements as necessary when older equipment is no longer supported, implementing redundant chemical feed process improvements, replacing antiquated instruments and analyzers to ensure treated water quality, improving finished water clearwell isolation valves to maintain treatment plant production during maintenance activities, enhancing uninterruptible power supply electrical feeds to maintain treatment during power events, incorporating improved rapid mixer solutions to ensure proper water treatment and making improvements to the pre-settling basins to better manage treatment plant raw water solids.

Treatment Plant Improvements
Chalk Bluff Sedimentation Rehabilitation

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
3	Customer Rates	Chalk Bluff Sedimentation Rehabilitation	—	800	—	—	—	800

PROJECT DESCRIPTION: This project involves replacing all 6 solids collection system mechanisms with upgraded units to enhance the reliability of the sedimentation system at the Chalk Bluff Water Treatment Plant.

SCHEDULE: Improvements are scheduled for FY 2027.

Treatment Plant Improvements
Chalk Bluff Clearwell 2 Rehabilitation

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Chalk Bluff Clearwell 2 Rehabilitation	500	—	—	—	—	500

PROJECT DESCRIPTION: This project includes inspection of the Clearwell in FY 2025 and anticipated rehab in winter of FY 2026. Rehab will include epoxy coating concrete support columns, caulk joint replacement & improvement for all expansion joints, vertical extension of the concrete baffle wall, full replacement of the baffle wall curtains, roof curb repair as needed, and other misc. incidental repairs.

SCHEDULE: The improvements are scheduled for FY 2026.

Treatment Plant Improvements
Chalk Bluff HVAC Improvements

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Chalk Bluff HVAC Improvements	1,000	—	—	—	4,000	5,000

PROJECT DESCRIPTION: The HVAC equipment serving the main operations building at the Chalk Bluff Water Treatment Plant is approaching the end of its useful life and requires replacement. In addition, control systems throughout the facility rely on aging hardware that needs to be upgraded to maintain operational reliability and efficiency.

SCHEDULE: A phased replacement plan has been developed, with the first phase of critical infrastructure upgrades scheduled for Fiscal Year 2026. The remaining replacements are planned for completion in Fiscal Year 2030. In the interim, maintenance staff will continue to monitor the condition of the existing equipment, and project priorities will be evaluated and adjusted annually to ensure system integrity until full project completion.

Treatment Plant Improvements
Chalk Bluff 25K Power Reliability and Safety Improvements

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Chalk Bluff 25K Power Reliability and Safety Improvements	1,000	—	—	—	—	1,000

PROJECT DESCRIPTION: The Chalk Bluff 25K power loop is protected with fused disconnect junctions throughout the facility. In a recent outage, we discovered that the type of fuses used on this system is no longer supported and has limited availability with unreasonable lead times. This project will include upgrading those connections with the relatively new industry standard. Additionally, this project will involve adding protection relays to the electrical system to lower the arc-flash safety risk of the equipment.

SCHEDULE: Construction is scheduled for FY 2026.

Treatment Plant Improvements
Chalk Bluff Soda Ash Reliability Upgrade

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Chalk Bluff Soda Ash Reliability Upgrade	—	350	—	—	—	350

PROJECT DESCRIPTION: This project includes adding redundancy and reliability to the soda ash system at Chalk Bluff. Soda ash is critical to the process and the maintenance of this system has continued to group over the past few years.

SCHEDULE: Preliminary Design Report Scheduled for FY 2027 with modifications scheduled for FY 2027. Cost for FY 2027 will be updated once the Preliminary Design Report identifies the full scope of the project.

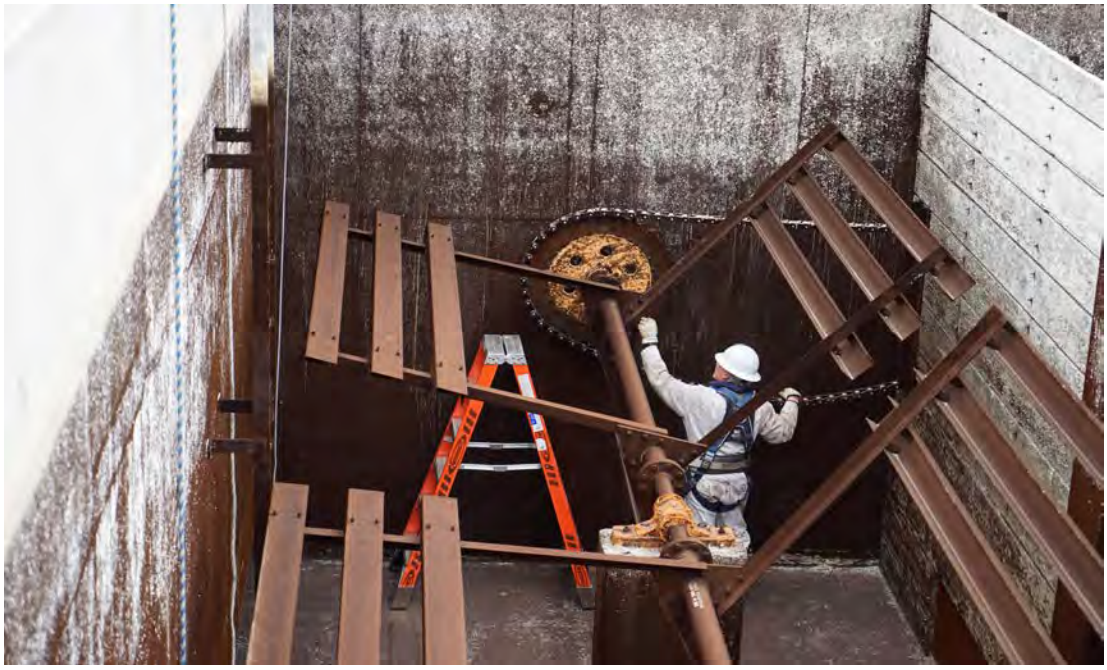
Treatment Plant Improvements
Glendale Treatment Plant Improvements

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Glendale Treatment Plant Improvements	325	405	360	455	485	2,030

PROJECT DESCRIPTION: The Glendale Water Treatment Plant is over 40 years old and remains a significant piece of the water supply portfolio by operating 24/7 typically during the months of April through October. Glendale plays an important role due to its availability to treat off-river water supplies, such as groundwater wells that cannot pump straight to the distribution system. This spending is classified as necessary due to the criticality of maintaining plant operations. Plant improvements include, but are not limited to, plate settler inspections, valve and instrument replacement, Trac-Vac improvements, flow meter improvements, treatment chemical upgrades and maintenance storage/shop upgrades.

SCHEDULE: Instrumentation upgrades will continue within the next five years as obsolete instruments are no longer supported by suppliers. Filter media replacement will occur when yearly filter media evaluation indicates that replacement will soon be necessary. Since the Glendale plant is used seasonally, most work will continue over the course of the five-year CIP and during the periods that the plant is not operating.



Treatment Plant Improvements
Glendale HVAC Improvements

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Glendale HVAC Improvements	1,500	—	—	—	—	1,500

PROJECT DESCRIPTION: The HVAC systems at the Glendale facility are outdated and experiencing increasing failures. In the winter of 2025, the two basement air handler units (AHUs) failed, and a temporary system was installed to maintain operations. The first phase of this project will focus on replacing these basement AHUs with new, permanent units. In addition to the basement systems, the HVAC units serving the Chemical Storage Building, the SEPS Pump Building, and the Laboratory also require replacement and upgrades. Control system improvements will be included across all impacted areas due to the use of outdated and unsupported hardware. The project will modernize the facility's HVAC infrastructure to enhance reliability, efficiency, and operational performance.

SCHEDULE: Improvements are scheduled for FY 2026.

Treatment Plant Improvements
Mt Rose Treatment Plant Efficiency Improvements

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Mt Rose Treatment Plant Efficiency Improvements	—	100	1,000	—	—	1,100

PROJECT DESCRIPTION: This project contains several efficiency and remote operations improvements identified during startup and testing of the Mt. Rose Water Treatment Plant (MRWTP). One larger task is adding a permanent air compressor to the creek diversion backwash cycle to support remote operations, use less power and disturb less wildlife by using air for scour instead of pumping water through the screens for backwash. The other improvements include various flow measurement and process control improvements to make remote operations more feasible by reducing on site operations labor hours and reducing downtime.

SCHEDULE: Design is schedule to take place in FY 2027 and Improvements are scheduled to be complete FY 2028.

Treatment Plant Improvements
Glendale Filter Underdrains

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Glendale Filter Underdrains	—	750	1,750	1,500	—	4,000

PROJECT DESCRIPTION: The dual media filters at Glendale are nearing the end of its useful life and maintenance and/or repairs are needed on filters that have experienced recent underdrain performance issues. An engineering evaluation of the filters has been completed and an entire replacement of one or more filter underdrains is recommended.

SCHEDULE: Due to cost and operational complexities associated with taking a filter out of service, this will be a multi-year effort beginning with design and bidding in FY 2026 and replacements taking place beginning in FY 2027 through FY 2029.

Treatment Plant Improvements
Orr Ditch Pump Station Rehabilitation and Hydro Facility

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Orr Ditch Pump Station Rehabilitation and Hydro Facility	1,500	—	—	—	—	1,500

PROJECT DESCRIPTION: This project will increase redundancy and reliability by enhancing the Truckee River source of supply to the Chalk Bluff Water Treatment Plant. Currently, there are very limited options to facilitate repairs or conduct preventative maintenance due to the location and arrangement of the intake structure and wet well. The project design will include modifying the existing proprietary wet well submersible pump design into a pedestal-style vertical turbine pump arrangement with non-submerged motors, the construction of a building over the top of the wet well to increase security and allow a safer means of performing maintenance activities, and incorporate a system to eliminate silting issues within the intake structure. During periods of low demand, the Highland Canal has available capacity to bring water to the Chalk Bluff Facility. An existing pipeline brings water from the river via the Orr Ditch Pump Station up to Chalk Bluff. During winter months, excess water from the Highland Canal can be sent down the hill to the pump station to generate hydroelectric power that can be used at the facility to offset power costs during those months.

SCHEDULE: Construction commenced in FY 2024 and is scheduled to be completed in FY 2026.

Treatment Plant Improvements
Truckee Canyon Water Treatment Improvements

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
3	Customer Rates	Truckee Canyon Water Treatment Improvements	10	10	20	60	—	100

PROJECT DESCRIPTION: The current treatment system which removes arsenic, iron, and manganese consists of a greensand filter system and an evaporation pond for backwash water with a total capacity of about 100 gallons per minute. Scheduled improvements may include the addition of a polymer feed system to improve filter performance, fine tuning of the treatment process to reflect chemical changes in the raw water and replacement of miscellaneous components and control upgrades.

SCHEDULE: Expenditures in FY's 2026-2030 are contingent spending related to treatment efficiency and for chemical changes in the raw water.

Treatment Plant Improvements
Lightning W Treatment Improvements

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
3	Customer Rates	Lightning W Treatment Improvements	10	10	10	165	—	195

PROJECT DESCRIPTION: The existing treatment process consists of two ion exchange resin pressure vessels to remove uranium. Previous work included change out/replacement of the filter media, disposal of the spent media. The remaining work includes miscellaneous improvements to the building that houses the treatment equipment.

SCHEDULE: The FY 2029 work includes media exchange.

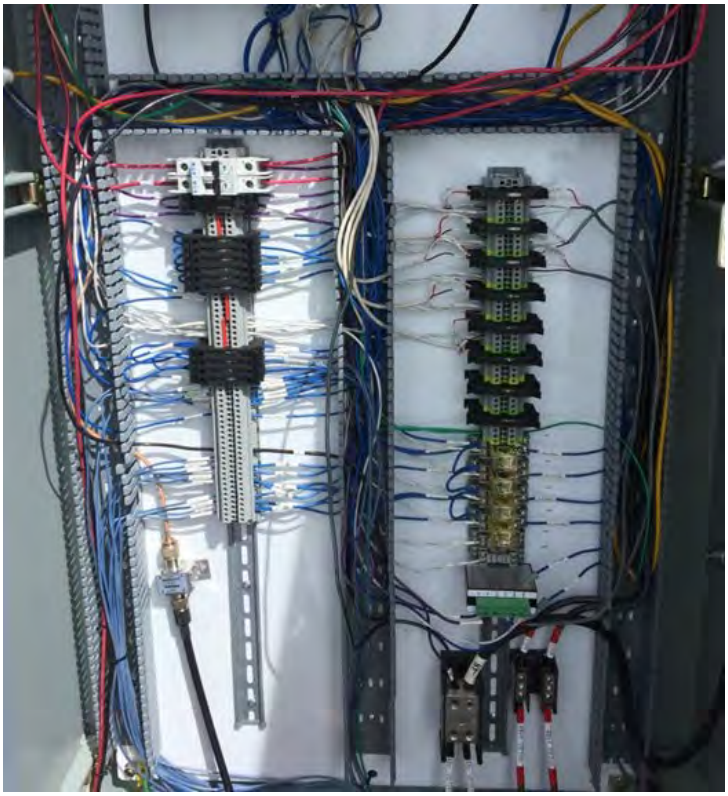
Treatment Plant Improvements
SCADA Rehab/Plant Operating Software

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	SCADA Rehabilitation / Plant Operating Software	1,000	750	750	750	—	3,250

PROJECT DESCRIPTION: SCADA (Supervisory Control and Data Acquisition) is the system by which TMWA monitors, records and controls the water system inputs, outputs, flows and pressures. Data acquired by these system controls are primarily monitored at the treatment plants, but the system equipment and technology are spread throughout the water system infrastructure. Much of the technology is approaching obsolescence and needs to be replaced with emphasis on standardization of programmable logic controllers (PLC) and other equipment. Therefore, TMWA decided on a systematic approach to updating the equipment and operating software starting in fiscal year 2015 with telemetry improvement in the ensuing four years to convert to wireless transmission of data feeds where possible.

SCHEDULE: The improvements and replacements of the equipment and operating software will continue through FY 2029.



Treatment Plant Improvements
Spanish Springs Nitrate Treatment Facility

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Spanish Springs Nitrate Treatment Facility	200	—	—	—	—	200

PROJECT DESCRIPTION: Initiation of planning, permitting, site acquisition and design for a 3 MGD biological water treatment process to treat several groundwater wells in Spanish Springs that are out of service due to elevated nitrate and arsenic. Treatment is required to maintain and restore the service capacity of the wells.

TMWA completed the operation and testing of a 5 GPM pilot treatment plant in 2018. Biological treatment of nitrate in potable water is currently not permitted in Nevada. TMWA, working with Carollo Engineers, UNR and WaterStart, has evaluated this innovative technology and determined it to be a cost-effective treatment solution compared to traditional, high cost alternatives such as ion exchange.

SCHEDULE: Planning, permitting, site acquisition and design was conducted in FY 2023 continuing through FY 2026 with construction scheduled to begin after FY 2030.

Treatment Plant Improvements
Chalk Bluff Effluent Reservoir Outlet Repairs

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Chalk Bluff Effluent Reservoir Outlet Repairs	1,700	—	—	—	—	1,700

PROJECT DESCRIPTION: Several years ago, the 72-inch effluent pipeline from the Clearwell at the Chalk Bluff Water Treatment Plant experienced a significant leak, requiring TMWA maintenance crews to perform an emergency repair to maintain treatment operations. More recently, in early 2025, Chalk Bluff WTP was temporarily taken offline for a comprehensive inspection of the plant's large-diameter pipelines. During this inspection, an additional leak was discovered in a 48-inch Clearwell 1 pipeline leading into the wetwell of the effluent pump building. This project will implement permanent repairs to both pipelines through the installation of flexible fittings on the 72-inch and 48-inch pipe sections. These improvements will enhance the integrity, reliability, and longevity of the plant's critical conveyance infrastructure.

SCHEDULE: Repairs are scheduled for Winter of FY 2026.

Treatment Plant Improvements
Chalk Bluff Screening Facility Rehabilitation and Upgrades

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Chalk Bluff Screening Facility Rehabilitation and Upgrades	1,000	—	—	—	—	1,000

PROJECT DESCRIPTION: This project involves replacing all the isolation slide gates in the screening facility, which have failed due to corrosion and wear. It also includes replacing mechanical bar screen #2, which has reached its useful lifespan, as well as installing a pipe to enable bypassing the screening facility in emergency operation scenario.

SCHEDULE: Construction is scheduled for FY 2026.

Treatment Plant Improvements
Chalk Bluff Clearwells Roofing Rehabilitation

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Chalk Bluff Clearwells Roofing Rehabilitation	1,000	—	—	—	—	1,000

PROJECT DESCRIPTION: The roofs of clearwell 1 and clearwell 2 at the Chalk Bluff Water Treatment Facility are currently protected by a PVC membrane roofing system that has reached the end of its useful life and now requires replacement. As part of this project, the roofing system will be fully replaced to ensure continued protection of the underlying structures. Additionally, upgrades will be made to the access and maintenance hatches to improve weather sealing, enhance personnel safety, and provide more reliable access into the clearwell structures. These improvements will extend the service life of the facilities and support safer and more efficient operations.

SCHEDULE: Improvements are scheduled for FY 2026.

Treatment Plant Improvements
Chalk Bluff Site Water Recovery Project

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Chalk Bluff Site Water Recovery Project	750	—	—	—	—	750

PROJECT DESCRIPTION: TMWA engaged Willowstick Technologies to conduct a ground survey utilizing advanced geophysical and hydro-physical methods to detect water seepage at the Chalk Bluff Water Treatment Facility. The results of this study will help identify potential seepage sources, including aging pond liners and plant pipeline infrastructure. In addition to the survey work, a visual inspection conducted earlier this year, identified the need to reline the gravity pipeline leading to Water Recovery Pond #3. This relining project will address known seepage issues, improve system efficiency, and enhance the long-term reliability of the facility's recovery operations. As part of the overall seepage study, TMWA also plans to identify subsurface flow paths and install strategically placed monitoring wells to support ongoing monitoring and management of potential seepage in the future.

SCHEDULE: This project is schedule to be completed in FY 2026.

Treatment Plant Improvements
Chalk Bluff Lighting and Camera Project Phase 2 (East)

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Chalk Bluff Lighting and Camera Project Phase 2 (East)	—	—	650	—	—	650

PROJECT DESCRIPTION: Physical site security improvements at Chalk Bluff are based on recommendations from previous Department of Homeland Security (DHS) Vulnerability Assessments. Priorities for this project include the addition of perimeter light poles along the east and north sides of the main property to improve visibility of the fence perimeter. The expansion of our security camera network onto these new light poles will improve coverage of critical infrastructure components onsite as well as the fencing in these locations. The lighting specifications used for the second phase of this project will standardize with the existing lighting already in use on the south and west sides of the property.

SCHEDULE: Improvements are scheduled for FY 2028.

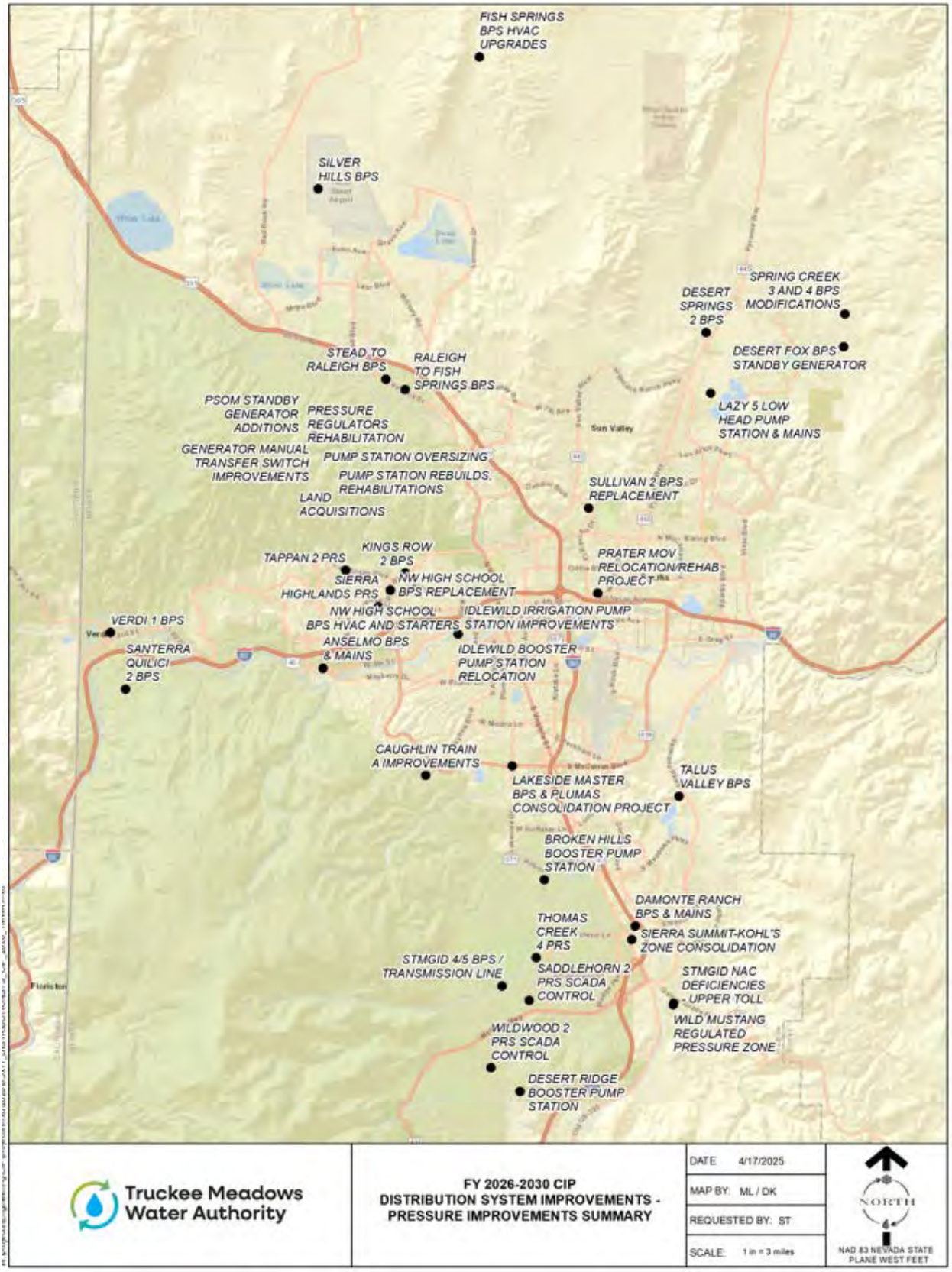
DISTRIBUTION SYSTEM PRESSURE IMPROVEMENTS
Summary

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Pressure Regulators Rehabilitation	2,200	1,000	750	750	750	5,450
1	Customer Rates	Land Acquisitions	400	400	150	150	150	1,250
3	Customer Rates	Desert Fox Booster Pump Station Standby Generator	—	150	—	—	—	150
2	Developer Fees	Anselmo Booster Pump Station and Mains	—	—	—	—	1,000	1,000
3	Customer Rates	Pump Station Oversizing	250	250	250	250	250	1,250
1	Customer Rates	Pump Station Rebuilds, Rehabilitations	1,400	1,500	1,500	1,500	1,500	7,400
2	Customer Rates / Developer Fees	Sullivan 2 Booster Pump Station Replacement	—	250	2,750	—	—	3,000
1	Customer Rates	PSOM Standby Generator Additions	1,600	1,200	1,000	1,000	1,000	5,800
2	Customer Rates	Idlewild Booster Pump Station Relocation	—	—	400	1,200	1,800	3,400
3	Developer Fees	Raleigh to Fish Springs Booster Pump Station	—	—	300	2,750	—	3,050
2	Developer Fees	STMGID Tank 4/5 Booster Pump Station / Transmission Line	—	250	100	5,000	—	5,350
1	Developer Fees	Wildwood 2 Pressure Regulating Station SCADA Control	100	—	—	—	—	100
3	Customer Rates	Sierra Summit-Kohl's Zone Consolidation	—	400	400	—	—	800
3	Customer Rates	Wild Mustang Regulated Pressure Zone	—	50	400	—	—	450
2	Customer Rates	Thomas Creek 4 Pressure Regulating Station	300	—	—	—	—	300
2	Customer Rates	Kings Row 2 Booster Pump Station	—	200	500	2,300	—	3,000
1	Developer Fees	Spring Creek Tanks 3 and 4 Booster Pump Station Modifications	—	300	1,200	—	—	1,500
1	Developer Fees	Lazy 5 Low Head Pump Station and Mains	4,000	250	—	—	—	4,250

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Lakeside Master Booster Pump Station and Plumas Consolidation Project	500	—	1,000	4,500	4,000	10,000
1	Customer Rates	Broken Hills Booster Pump Station (South Hills Booster Pump Station Replacement)	500	2,500	2,500	—	—	5,500
2	Developer Fees	Damonte Ranch Booster Pump Station and Mains	—	—	—	600	5,500	6,100
2	Customer Rates	Sierra Highlands Pressure Regulating Station	250	—	—	—	—	250
2	Customer Rates	STMGID NAC Deficiencies - Upper Toll	—	600	2,500	—	—	3,100
1	Reimbursements	Verdi 1 Booster Pump Station	700	—	—	—	—	700
1	Reimbursements	Santerra Quilici 2 Booster Pump Station	200	3,000	—	—	—	3,200
2	Reimbursements	Silver Hills Booster Pump Station	—	3,000	—	—	—	3,000
1	Reimbursements	Desert Ridge Booster Pump Station (Ascente)	1,500	—	—	—	—	1,500
1	Developer Fees/ Reimbursements	Talus Valley Booster Pump Station	3,700	—	—	—	—	3,700
2	Customer Rates	Tappan 2 Pressure Regulating Station	300	—	—	—	—	300
1	Customer Rates	Caughlin Train A Improvements	300	—	—	—	—	300
1	Customer Rates	Idlewild Irrigation Pump Station Improvements and Repair	300	—	—	—	—	300
2	Customer Rates	Fish Springs Booster Pump Station HVAC Upgrades	—	80	1,000	2,000	—	3,080
2	Customer Rates	Desert Springs 2 Booster Pump Station	750	2,250	2,000	—	—	5,000
1	Customer Rates	Generator Manual Transfer Switch Improvements	150	300	150	150	150	900
1	Customer Rates	Prater MOV Relocation/Rehab Project	400	1,000	—	—	—	1,400
1	Customer Rates	Northwest High School Booster Pump Station HVAC and Starters	200	—	—	—	—	200

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Northwest High School Booster Pump Station Replacement	—	1,000	1,500	—	—	2,500
2	Customer Rates	Saddlehorn 2 Pressure Regulating Station SCADA Control	—	120	—	—	—	120
2	Customer Rates	Stead to Raleigh Booster Pump Station	—	—	—	—	500	500
Sub-Total Pressure Improvements			**20,000**	**20,050**	**20,350**	**22,150**	**16,600**	**99,150**

Project Locations: Map of all *Distribution System Pressure Improvements* projects are highlighted in the following map.


FISH SPRINGS BPS HVAC UPGRADES
SILVER HILLS BPS
SPRING CREEK 3 AND 4 BPS MODIFICATIONS
DESERT SPRINGS 2 BPS
DESERT FOX BPS STANDBY GENERATOR
STEAD TO RALEIGH BPS
RALEIGH TO FISH SPRINGS BPS
LAZY 5 LOW HEAD PUMP STATION & MAINS
PSOM STANDBY GENERATOR ADDITIONS
PRESSURE REGULATORS REHABILITATION
GENERATOR MANUAL TRANSFER SWITCH IMPROVEMENTS
PUMP STATION OVERSIZING
PUMP STATION REBUILDS, REHABILITATIONS
LAND ACQUISITIONS
SULLIVAN 2 BPS REPLACEMENT
KINGS ROW 2 BPS
TAPPAN 2 PRS
SIERRA HIGHLANDS PRS
NW HIGH SCHOOL BPS REPLACEMENT
PRATER MOV RELOCATION/REHAB PROJECT
NW HIGH SCHOOL BPS HVAC AND STARTERS
IDLEWILD IRRIGATION PUMP STATION IMPROVEMENTS
VERDI 1 BPS
SANTERRA QUILICI 2 BPS
ANSELMO BPS & MAINS
IDLEWILD BOOSTER PUMP STATION RELOCATION
CAUGHLIN TRAIN A IMPROVEMENTS
LAKESIDE MASTER BPS & PLUMAS CONSOLIDATION PROJECT
TALUS VALLEY BPS
BROKEN HILLS BOOSTER PUMP STATION
DAMONTE RANCH BPS & MAINS
THOMAS CREEK 4 PRS
SIERRA SUMMIT-KOHL'S ZONE CONSOLIDATION
STMGID 4/5 BPS / TRANSMISSION LINE
SADDLEHORN 2 PRS SCADA CONTROL
STMGID NAC DEFICIENCIES - UPPER TOLL
WILD MUSTANG REGULATED PRESSURE ZONE
WILDWOOD 2 PRS SCADA CONTROL
DESERT RIDGE BOOSTER PUMP STATION
Truckee Meadows Water Authority
FY 2026-2030 CIP
DISTRIBUTION SYSTEM IMPROVEMENTS - PRESSURE IMPROVEMENTS SUMMARY
DATE: 4/17/2025
MAP BY: ML / DK
REQUESTED BY: ST
SCALE: 1 in = 3 miles
NORTH
NAD 83 NEVADA STATE PLANE WEST FEET

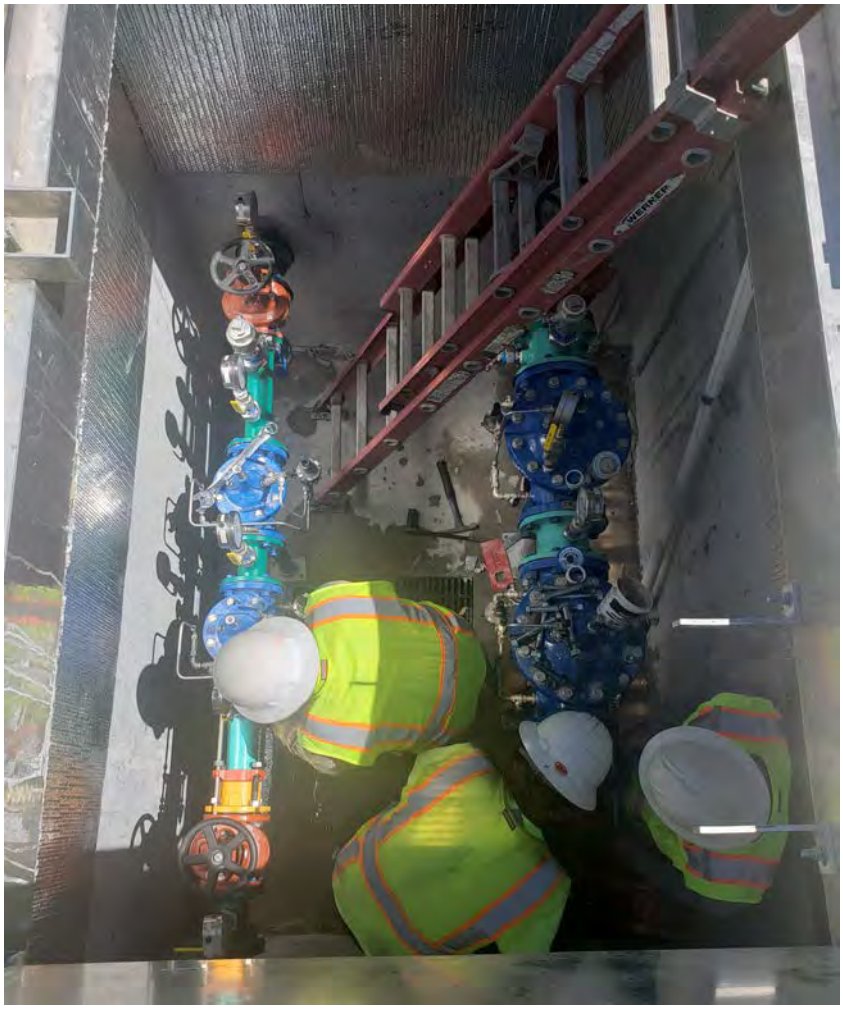
Distribution System Pressure Improvements
Pressure Regulators Rehabilitation

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Pressure Regulators Rehabilitation	2,200	1,000	750	750	750	5,450

PROJECT DESCRIPTION: Provision is made in the annual budget for major rehabilitation or complete reconstruction of several pressure regulators in the distribution system. TMWA has evaluated nearly 130 pressure regulator stations currently in service and has identified a number of pressure regulator stations requiring a certain amount of rehabilitation on an annual basis.

SCHEDULE: This is an ongoing rehabilitation project with about 130 individual stations identified as requiring rehabilitation or replacement over the next fifteen years.



Distribution System Pressure Improvements
Land Acquisitions

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Land Acquisitions	400	400	150	150	150	1,250

PROJECT DESCRIPTION: TMWA operates over 120 pump stations across its service area. Many of these facilities are equipped with 480-volt electrical services and are constructed underground (below grade) in environments susceptible to water infiltration and corrosion. As a significant number of these underground pump stations near the end of their service life, replacement planning has become a critical focus. Rather than replacing aging stations in their current underground configurations, TMWA plans to acquire new sites and reconstruct these facilities above grade to improve accessibility, safety, and long-term operational reliability. The acquisition of suitable sites may require extended timelines and may not be completed within a specific fiscal year. TMWA is maintaining a prioritized land acquisition list and will continue to focus on replacing the most critical infrastructure first, ensuring that resources are directed where they are needed most urgently.

SCHEDULE: This is an ongoing project with funding to allow purchase of 3-4 sites per year depending on location and market conditions.

Distribution System Pressure Improvements
Desert Fox Booster Pump Station Standby Generator

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
3	Customer Rates	Desert Fox Booster Pump Station Standby Generator	—	150	—	—	—	150

PROJECT DESCRIPTION: This project involves furnishing and installing a new standby generator and ATS to power one 50 Hp pump at the existing Desert Fox booster pump station. This alternative pumping capacity is needed when the existing 0.5 MG Spring Creek 5A Tank is out of service for recoating or other maintenance or if an extended power outage occurs in the area.

SCHEDULE: The installation of the generator is scheduled in FY 2027.

Distribution System Pressure Improvements
Anselmo Booster Pump Station and Mains

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Developer Fees	Anselmo Booster Pump Station and Mains	—	—	—	—	1,000	1,000

PROJECT DESCRIPTION: The Anselmo Booster Pump Station will provide additional supply capacity required for growth in the Mogul, Verdi and Boomtown areas. It will draft from the Hunter Creek Gravity zone and discharge to the US 40 zone. A duplex pump station is recommended, capable of matching the existing US 40 Booster Pump Station capacity. The station will be equipped with standby power. The Anselmo mains will consist of 6,300 linear feet of 24-inch main and 1,700 linear feet of 16-inch main for the supply and discharge of the Anselmo Booster Pump Station.

SCHEDULE: Construction is scheduled to begin in FY 2030.

Distribution System Pressure Improvements
Pump Station Oversizing

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
3	Customer Rates	Pump Station Oversizing	250	250	250	250	250	1,250

PROJECT DESCRIPTION: The project may consist of cash contributions towards construction of a new above ground booster pump stations. From time to time, TMWA may provide oversizing to certain booster stations that are development driven. Each is reviewed on a case by case basis.

SCHEDULE: The improvements are ongoing, but the schedule is subject to change based on development & operational needs.

Distribution System Pressure Improvements
Pump Station Rebuilds, Rehabilitations

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Pump Station Rebuilds, Rehabilitations	1,400	1,500	1,500	1,500	1,500	7,400

PROJECT DESCRIPTION: TMWA has over 120 pump stations in service. An amount is budgeted annually for rehabilitation of TMWA's older pump stations. Other pump stations may require pump, motor, and electrical upgrades. Budget for future years will allow TMWA to complete up to one above ground replacement project per year if suitable sites can be acquired. Otherwise, normal rehabilitation work will be performed per the priorities established by the study at a lower overall annual cost.

SCHEDULE: In FY 2026, TMWA will continue conducting condition assessments on our existing Booster Pump Stations (BPS) and preparing to reconstruct several booster stations above ground depending on land acquisition timing and rehabilitation priorities.

Distribution System Pressure Improvements
Sullivan 2 Booster Pump Station Replacement

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates / Developer Fees	Sullivan 2 Booster Pump Station Replacement	—	250	2,750	—	—	3,000

PROJECT DESCRIPTION: The project involves construction of a new above grade pump station at the site of the existing Sullivan Tank on El Rancho. The new pump station will pump to the proposed Sun Valley 2 Tank tentatively located off of Dandini Drive near the TMCC/DRI complex. Completion of these facilities should allow the retirement of the existing Sun Valley 1 pump station.

SCHEDULE: The Sun Valley 2 tank and BPS project is underway and Construction of the Sullivan 2 BPS is scheduled to begin in FY 2028 due to land negotiations with the neighboring property and the completion of the Sun Valley Tank 2 and BPS project.

Distribution System Pressure Improvements
PSOM Standby Generator Additions

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	PSOM Standby Generator Additions	1,600	1,200	1,000	1,000	1,000	5,800

PROJECT DESCRIPTION: In 2021, NV Energy initiated efforts to reduce wildfire risks by proactively de-energizing portions of the electrical grid during periods of extreme fire danger—characterized by high winds and low humidity. These Public Safety Outage Management (PSOM) events can result in power shutoffs lasting up to 72 hours. In response, TMWA has rented several large trailer-mounted generators and modified key facilities to accommodate temporary power connections. Recognizing the growing frequency and impact of PSOM events, especially in light of recent fires in Los Angeles and NV Energy's expansion of PSOM zones, TMWA has elevated the importance of developing permanent backup power solutions.

SCHEDULE: Based on information provided by NV Energy, TMWA is actively working to develop and maintain a prioritized list of critical infrastructure located in wildland-urban interface areas. This prioritization will guide future investments in permanent generator installations and site modifications, with funding allocated based on assessed risk and budget availability.

Distribution System Pressure Improvements
Idlewild Booster Pump Station Relocation

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Idlewild Booster Pump Station Relocation	—	—	400	1,200	1,800	3,400

PROJECT DESCRIPTION: The existing Idlewild Booster Pump Station (BPS) is the only facility capable of transferring water from the Highland Reservoir Zone to the Hunter Creek Reservoir Zone. Originally constructed as part of the Idlewild Water Treatment Plant, the station was not specifically designed for its current operational purpose. Given the critical role of this pump station, the age and condition of the facility, and its location in a setting that is not conducive to efficient maintenance, TMWA is actively pursuing the acquisition of a new site to relocate the booster station. Relocating and rebuilding the Idlewild BPS will significantly improve the reliability, safety, and maintainability of this vital infrastructure, ensuring more secure water delivery between these key reservoir zones.

SCHEDULE: Design is scheduled for FY 2028 with construction scheduled to begin in FY 2029.

Distribution System Pressure Improvements
Raleigh to Fish Springs Booster Pump Station

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
3	Developer Fees	Raleigh to Fish Springs Booster Pump Station	—	—	300	2,750	—	3,050

PROJECT DESCRIPTION: The project involves construction of a new pump station to pump water from the Raleigh Heights zone to the Fish Springs terminal tank when the Fish Springs Wells are off-line or if a main break occurs on the Fish Springs transmission line. In the future, there will be a number of customers served directly from the Fish Springs terminal tank; therefore, it is necessary to provide a secondary supply to maintain continuous water service.

SCHEDULE: Implementation will begin in FY 2028 and construction in FY 2029.

Distribution System Pressure Improvements
STMGID Tank 4/5 Booster Pump Station / Transmission Line

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Developer Fees	STMGID Tank 4/5 Booster Pump Station / Transmission Line	—	250	100	5,000	—	5,350

PROJECT DESCRIPTION: The project includes a new booster pump station located near the STMGID Tank 4/5 site and approximately 6,000 feet of 12-inch discharge main to the Mt Rose Water Treatment Plant (WTP). The facilities will provide a supplemental source to the Mt Rose WTP that will back up plant production on the maximum day during drought and will also provide another source of supply for implementing conjunctive use in the area.

SCHEDULE: Design and construction of the pipeline and pressure regulating station will begin in FY 2027 and construction will continue in FY 2029. The design and construction of the pump station will begin in FY 2028 with final design and construction following in FY 2029. The need for the pump station may elevate based on an extended drought and source supply to the Mt. Rose WTP. Currently the project schedule is being driven by land acquisition.

Distribution System Pressure Improvements
Wildwood Pressure Regulating Station/SCADA Control

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Developer Fees	Wildwood 2 Pressure Regulating Station SCADA Control	100	—	—	—	—	100

PROJECT DESCRIPTION: The project involves retrofitting an existing pressure regulating station to SCADA (remote) control to provide additional transfer capacity into the Mt Rose Tank 2 zone. It will be necessary to obtain electrical service to the existing vault; install a new PLC; and to equip the existing pressure regulating valve with solenoid control to allow the valve to be remotely operated from the Glendale control room.

SCHEDULE: The project is scheduled for FY 2026 but may be delayed or accelerated depending on the timing of growth and the need for the additional tank fill capacity.

Distribution System Pressure Improvements
Sierra Summit-Kohl's Zone Consolidation

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
3	Customer Rates	Sierra Summit-Kohl's Zone Consolidation	—	400	400	—	—	800

PROJECT DESCRIPTION: The project involves construction of a new pressure regulating station (PRS) at Old Virginia and Sutherland; a short main tie between the former STMGID Well 9 site and the distribution system; and about 950 feet of 8-inch main in Sutherland from the PRS to Sage Hill Road. The improvements will convert an area with very high distribution system pressures to the existing Kohl's Regulated Zone and would expand the regulated zone by consolidating the Kohl's, Walmart and Old Virginia 2 regulated pressure zones.

SCHEDULE: The project is scheduled for construction to begin in FY 2027.

Distribution System Pressure Improvements
Wild Mustang Regulated Pressure Zone

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
3	Customer Rates	Wild Mustang Regulated Pressure Zone	—	50	400	—	—	450

PROJECT DESCRIPTION: The project involves construction of a new pressure regulator station and approximately 750 linear feet of water main to create a new pressure zone in the Geiger Grade area of the South Truckee Meadows to reduce distribution system pressures in the area.

SCHEDULE: Design of the construction is scheduled to begin in FY 2027 followed by construction in FY 2028.

Distribution System Pressure Improvements
Thomas Creek 4 Pressure Regulating Station

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Thomas Creek 4 Pressure Regulating Station	300	—	—	—	—	300

PROJECT DESCRIPTION: The project involves construction of a new pressure regulator station and approximately 160 liner feet of water main to increase capacity to the Moonrise pressure zone. The increase in capacity will help with replenishing storage in the STMGID Tank and increase fire flow within the zone.

SCHEDULE: The project is scheduled for FY 2026.

Distribution System Pressure Improvements
Kings Row 2 Booster Pump Station

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Kings Row 2 Booster Pump Station	—	200	500	2,300	—	3,000

PROJECT DESCRIPTION: This project will replace the existing underground Kings Row 1 pump station with a new above ground pump station on TMWA property. The project is part of annual booster pump station rehabilitation/replacement program focused on reconstructing existing pump stations above grade.

SCHEDULE: Planning and design will occur in FY's 2027-2028 with construction scheduled in FY 2029.

Distribution System Pressure Improvements
Spring Creek Tanks 3 and 4 Booster Pump Station Modifications

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Developer Fees	Spring Creek Tanks 3 and 4 Booster Pump Station Modifications	—	300	1,200	—	—	1,500

PROJECT DESCRIPTION: This project will replace an existing 200 GPM pump with a new pump/motor rated for 1,800 GPM at the existing Spring Creek 3/4 Tanks site in Spanish Springs Valley. The existing regulated bypass will also be equipped for SCADA control. The improvements will provide redundant supply to the Desert Springs 3 and Spring Creek 6 tank zones.

SCHEDULE: Planning and design will occur in FY 2027 with construction scheduled in FY 2028.

Distribution System Pressure Improvements
Lazy 5 Low Head Pump Station and Mains

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Developer Fees	Lazy 5 Low Head Pump Station and Mains	4,000	250	—	—	—	4,250

PROJECT DESCRIPTION: The project involves construction of a new low head pump station located near the existing Lazy 5 Intertie in NE Sparks/Spanish Springs Valley along with suction and discharge mains. The project will increase TMWA's ability to transfer surface water to the Spanish Springs Valley and may defer more costly groundwater treatment options to increase capacity for growth.

SCHEDULE: This project begun in FY 2025 and is scheduled to be complete in early FY 2027.

Distribution System Pressure Improvements
Lakeside Master Booster Pump Station and Plumas Consolidation Project

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Lakeside Master Booster Pump Station and Plumas Consolidation Project	500	—	1,000	4,500	4,000	10,000

PROJECT DESCRIPTION: The Lakeside Master Booster Pump Station and Plumas Consolidation Project originated as a strategic planning initiative to enhance operational reliability within the Lakeside/Plumas pressure zone. The project will consolidate five aging underground booster pump stations, currently located within roadways and vulnerable to corrosion, flooding, and high maintenance costs, into a single, above-grade master booster pump station. The scope also includes installation of a 12-inch suction pipeline from Lakeside Drive, a high-pressure transmission main extending from the new pump station across the Lakeridge Golf Course to Greensboro Drive and McCarran Boulevard, and a 12-inch pipeline connection to the Ridgeview 1 pressure zone. By relocating and consolidating these facilities, the project will significantly improve system reliability, reduce operational and maintenance risks, and enhance safety for maintenance personnel.

SCHEDULE: TMWA is currently in the process of acquiring land and easements for this project, with acquisition expected to be complete in FY 2026. Design is scheduled to begin in FY 2028, with construction anticipated in FY 2029.

Distribution System Pressure Improvements

Broken Hills Booster Pump Station (South Hills Booster Pump Station Replacement)

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Broken Hills Booster Pump Station (South Hills Booster Pump Station Replacement)	500	2,500	2,500	—	—	5,500

PROJECT DESCRIPTION: This project includes the construction of a new above-grade booster pump station equipped with a backup generator (genset) to improve operational resilience. The scope also includes the installation of approximately 3,700 linear feet of 16-inch water main, 250 linear feet of 14-inch main, and 2,300 linear feet of 12-inch main along Broken Hills Road, Foothill Road, and Broili Drive. Additional components of the project include the construction of a new Caribou pressure regulator station and the installation of nine individual pressure-reducing valves (PRVs) on customer service lines to optimize pressure management in the area. This project will eliminate two aging underground booster pump stations within the pressure zone, significantly improving system reliability, reducing maintenance costs, and enhancing safety for operations and maintenance personnel.

SCHEDULE: Planning and design is scheduled to begin in FY 2026 and construction is scheduled to begin in FY 2027 with the project completing in FY 2028.

Distribution System Pressure Improvements
Damonte Ranch Booster Pump Station and Mains

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Developer Fees	Damonte Ranch Booster Pump Station and Mains	—	—	—	600	5,500	6,100

PROJECT DESCRIPTION: This project includes construction of a new above grade pump station (on TMWA's Property) and associated mains aligned within the future Damonte Ranch Pkwy. This pump station and main extension will supply growth and pump from the Double Diamond area to STMGID East. This project will provide critical supply and supply reliability to STMGID East.

SCHEDULE: Design should begin in FY 2029 with completion required to meet anticipated growth in demands by FY 2030.

Distribution System Pressure Improvements
Sierra Highlands Pressure Regulating Station

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Sierra Highlands Pressure Regulating Station	250	—	—	—	—	250

PROJECT DESCRIPTION: The project involves construction of a new pressure regulator station located near the intersection of Sierra Highlands Drive and North McCarran Blvd. to provide a secondary/supplemental supply from the Mae Anne-McCarran zone to the Chalk Bluff zone.

SCHEDULE: Construction for the project is scheduled for FY 2026.

Distribution System Pressure Improvements
STMGID NAC Deficiencies - Upper Toll

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	STMGID NAC Deficiencies - Upper Toll	—	600	2,500	—	—	3,100

PROJECT DESCRIPTION: The project consists of main ties, hydrant installations and individual booster pump systems to be constructed in multiple locations in former STMGID service areas to correct NAC pressure and fire flow deficiencies. In order to correct deficiencies in the upper Toll Road area, it will be necessary to create a new higher pressure zone by constructing a new tank, booster pump station and approximately 6,300 linear feet of 12-inch main.

SCHEDULE: The new pressure zone on upper Toll Road will be constructed in FY 2028 subject to acquisition of the tank site property which may be private or on BLM property.

Distribution System Pressure Improvements
Verdi 1 Booster Pump Station

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Reimbursements	Verdi 1 Booster Pump Station	700	—	—	—	—	700

PROJECT DESCRIPTION: This booster pump station is part of the 'backbone facilities' necessary to bring more surface water to the Verdi area and meet planned/approved growth via various housing projects underway. The planned capacity is 3,500 gpm.

SCHEDULE: Construction is underway and scheduled to be complete in FY 2026.

Distribution System Pressure Improvements
Santerra Quillici 2 Booster Pump Station

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Reimbursements	Santerra Quilici 2 Booster Pump Station	200	3,000	—	—	—	3,200

PROJECT DESCRIPTION: This project involves the construction of a new booster pump station located adjacent to the Boomtown Tanks. The new station is designed to provide water service to the higher elevation areas of the Santerra Quillici development that cannot be adequately served by existing infrastructure. The planned capacity of the booster pump station is 415 gallons per minute (GPM), ensuring reliable water delivery and supporting continued growth and development in the area.

SCHEDULE: Design is underway and anticipated to be completed in FY 2026 with construction in FY 2027.

Distribution System Pressure Improvements
Silver Hills Booster Pump Station

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Reimbursements	Silver Hills Booster Pump Station	—	3,000	—	—	—	3,000

PROJECT DESCRIPTION: This project includes the construction of a new booster pump station adjacent to the Army Air Well at the Reno-Stead Airport. The new station will provide essential water service to the Silver Hills development, located west of the airport and spanning both sides of Red Rock Road. The booster pump station is planned with a capacity of 2,000 gallons per minute (GPM), supporting current and future demand in the expanding service area and ensuring reliable water delivery to this growing region.

SCHEDULE: Construction is scheduled for FY 2027.

Distribution System Pressure Improvements
Desert Ridge Booster Pump Station (Ascente)

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Reimbursements	Desert Ridge Booster Pump Station (Ascente)	1,500	—	—	—	—	1,500

PROJECT DESCRIPTION: The Desert Ridge Booster Pump Station will be constructed within the Ascente development in the South Truckee Meadows. This station will transfer water from the existing Mt. Rose 2 Tank to the new Mt. Rose 5 (Ascente) Tank, with a planned operational capacity of 250 gallons per minute (GPM). In addition to standard service, the station will be equipped with fire pump capacity to provide emergency flow during a tank outage. Due to its location within an NV Energy Public Safety Outage Management (PSOM) zone, the pump station will include a backup generator to ensure continued operation during planned power shutoffs.

SCHEDULE: Construction is underway and is scheduled for completion in FY 2026.

Distribution System Pressure Improvements
Talus Valley Booster Pump Station

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Developer Fees/ Reimbursements	Talus Valley Booster Pump Station	3,700	—	—	—	—	3,700

PROJECT DESCRIPTION: This project is driven by the Talus Valley development and involves the construction of a new booster pump station to enhance water supply to the Double Diamond pressure zone. The station will deliver an additional 1,500 gallons per minute (GPM) from the Sparks Gravity Zone, supporting both the development and broader system capacity. While the Talus Valley development requires 900 GPM, TMWA is proactively upsizing the pump station to a total capacity of 4,000 GPM to accommodate future demand and improve existing system reliability. No off-site improvements are included as part of this project.

SCHEDULE: Final Design is anticipated to be complete in FY 2025 with an anticipated start of construction in early FY 2026.

Distribution System Pressure Improvements
Tappan 2 Pressure Regulating Station

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Tappan 2 Pressure Regulating Station	300	—	—	—	—	300

PROJECT DESCRIPTION: The project will provide the Tappan Reg zone with more redundancy and a second source of supply. The location is approximate and subject to easement acquisition and timing.

SCHEDULE: Planned for design/construction in FY 2026 if land acquisition timing allows.

Distribution System Pressure Improvements
Caughlin Train A Improvements

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Caughlin Train A Improvements	300	—	—	—	—	300

PROJECT DESCRIPTION: To improve redundancy and system reliability, the A-train pumps and motors at Caughlin Booster Pump Stations 2, 3, and 4 will be replaced and upsized to enhance operational resiliency. In addition to these mechanical upgrades, the project includes targeted improvements to address ongoing corrosion issues within the underground stations, extending their useful life and ensuring long-term performance. Looking ahead, a future Master Booster Pump Station is in the planning phase. This new station will ultimately replace all four existing booster pump stations in the area. Progress on the master station will depend on successful land acquisition, which is a key milestone for moving the consolidation effort forward.

SCHEDULE: Design and procurement is underway with the completion anticipated in FY 2026.

Distribution System Pressure Improvements
Idlewild Irrigation Pump Station Improvements and Repair

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Idlewild Irrigation Pump Station Improvements and Repair	300	—	—	—	—	300

PROJECT DESCRIPTION: The Idlewild Irrigation Pump Station, located along the Truckee River, requires structural repairs due to a failure of the riverside retaining wall. In parallel, the City of Reno recently completed a pond lining project in Idlewild Park. As part of a collaborative effort, TMWA partnered with the City to install a new intake line from the lined ponds to the raw water pump station. The new intake currently ends before the pump station and once connected it will eliminate the recurring and costly sanding issues currently experienced when operating from the Truckee River intake, significantly improving reliability and reducing long-term maintenance costs.

SCHEDULE: Improvements to the retaining wall are scheduled for completion in FY 2026. Discussions are ongoing with partnering agencies regarding the integration of the new pond intake into the pump station. Depending on coordination outcomes and operational benefits, this component may be prioritized and advanced ahead of schedule.

Distribution System Pressure Improvements
Fish Springs Booster Pump Station HVAC Upgrades

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Fish Springs Booster Pump Station HVAC Upgrades	—	80	1,000	2,000	—	3,080

PROJECT DESCRIPTION: The HVAC system at the Fish Springs Booster Pump Station has reached the end of its useful life and requires replacement and upgrade to ensure improved reliability and reduced maintenance. While recent component repairs have temporarily restored functionality, the current system is only expected to operate for a few more years. A new, more efficient system will be designed to support long-term operational stability.

SCHEDULE: The design is anticipated in FY 2027 with construction starting in late FY 2028.

Distribution System Pressure Improvements
Desert Springs 2 Booster Pump Station

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Desert Springs 2 Booster Pump Station	750	2,250	2,000	—	—	5,000

PROJECT DESCRIPTION: This project includes construction of a new above grade pump station at the Desert Springs 2A & 2B Tanks site and 18-inch Fuggles Drive main extension. This pump station and 3,100-foot main extension will increase the transfer capacity to supply growth in the Desert Springs 3 Tank/Spring Creek 6 Tank Zone. This project will replace existing dual submersible pitless pumping units and associated piping once completed.

SCHEDULE: Design is scheduled to begin in FY 2026 with construction completed by FY 2028 to meet anticipated growth in demands.

Distribution System Pressure Improvements
Generator Manual Transfer Switch Improvements

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Generator Manual Transfer Switch Improvements	150	300	150	150	150	900

PROJECT DESCRIPTION: As part of TMWA's ongoing efforts to address the increasing threat of wildfires and mitigate the impacts of NV Energy's Public Safety Outage Management (PSOM) events, critical pumping facilities have been identified for standby power support. This project includes the installation of manual transfer switches at these key sites, allowing for safer, quicker, and more efficient connection of mobile generators during power outages. These upgrades will enhance operational resilience and ensure continued water service during emergency events.

SCHEDULE: Improvements are scheduled to begin in FY 2026 and will continue based on a prioritization schedule that considers both facility criticality and location within high-risk wildland-urban interface areas. This phased approach ensures that the most vulnerable and essential infrastructure receives upgrades first.

Distribution System Pressure Improvements
Prater MOV Relocation/Rehab Project

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Prater MOV Relocation/ Rehab Project	400	1,000	—	—	—	1,400

PROJECT DESCRIPTION: The existing Prater Motor Operated Valve (MOV) vault is a critical piece of infrastructure used to transfer a significant volume of water into the Sparks system. Currently located in the middle of Prater Way, the vault poses safety risks for maintenance personnel and is subject to frequent maintenance due to corrosion issues. This project will relocate the vault out of the roadway and into a new, partially above-grade structure to improve both operational reliability and safety. The relocation will also reduce long-term maintenance needs and enhance access for routine inspections and repairs.

SCHEDULE: Design and land acquisition for the new Prater MOV vault are currently underway, with construction anticipated to begin in FY 2027.

Distribution System Pressure Improvements
Northwest High School Booster Pump Station HVAC and Starters

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Northwest High School Booster Pump Station HVAC and Starters	200	—	—	—	—	200

PROJECT DESCRIPTION: Recent Chalk Bluff WTP shutdown operations have highlighted the Northwest High School Booster Pump Station as critical infrastructure for maintaining system reliability. As maintenance demands at Chalk Bluff WTP increase with the facility's age, the importance of this pump station has grown significantly. A larger future project is planned to reconstruct the pump station above grade and consolidate two to three existing underground booster pump stations. In the interim, this project will address immediate needs by upgrading the HVAC system, installing a soft start, and implementing other key electrical improvements. These interim upgrades will enhance reliability, improve operational safety, and support continued system performance during Chalk Bluff outages.

SCHEDULE: The improvements are underway and anticipated to be complete in early FY 2026.

Distribution System Pressure Improvements
Northwest High School Booster Pump Station Replacement

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Northwest High School Booster Pump Station Replacement	—	1,000	1,500	—	—	2,500

PROJECT DESCRIPTION: This project involves the installation of a new above-grade booster pump station (BPS) on existing TMWA property. The new pump station will replace two to three underground pump stations, significantly improving reliability and reducing long-term maintenance costs. As maintenance demands at Chalk Bluff WTP continue to rise due to the facility's aging infrastructure, the critical role of this new BPS has become increasingly important in maintaining system performance and operational resilience.

SCHEDULE: Design is scheduled to begin in FY 2027 with construction completing in FY 2028.

Distribution System Pressure Improvements
Saddlehorn 2 Pressure Regulating Station SCADA Control

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Saddlehorn 2 Pressure Regulating Station SCADA Control	—	120	—	—	—	120

PROJECT DESCRIPTION: The existing Saddlehorn 2 PRS will be equipped with SCADA control. This will allow automated and increased operational control of flow through the PRS. The station provides flow from the Arrowcreek system to the STMGID West system. More specifically, the SCADA control will facilitate moving Mt. Rose WTP supply to STMGID Tanks 4 and 5 and also to STMGID Tank 7.

SCHEDULE: Improvements are scheduled for FY 2027.

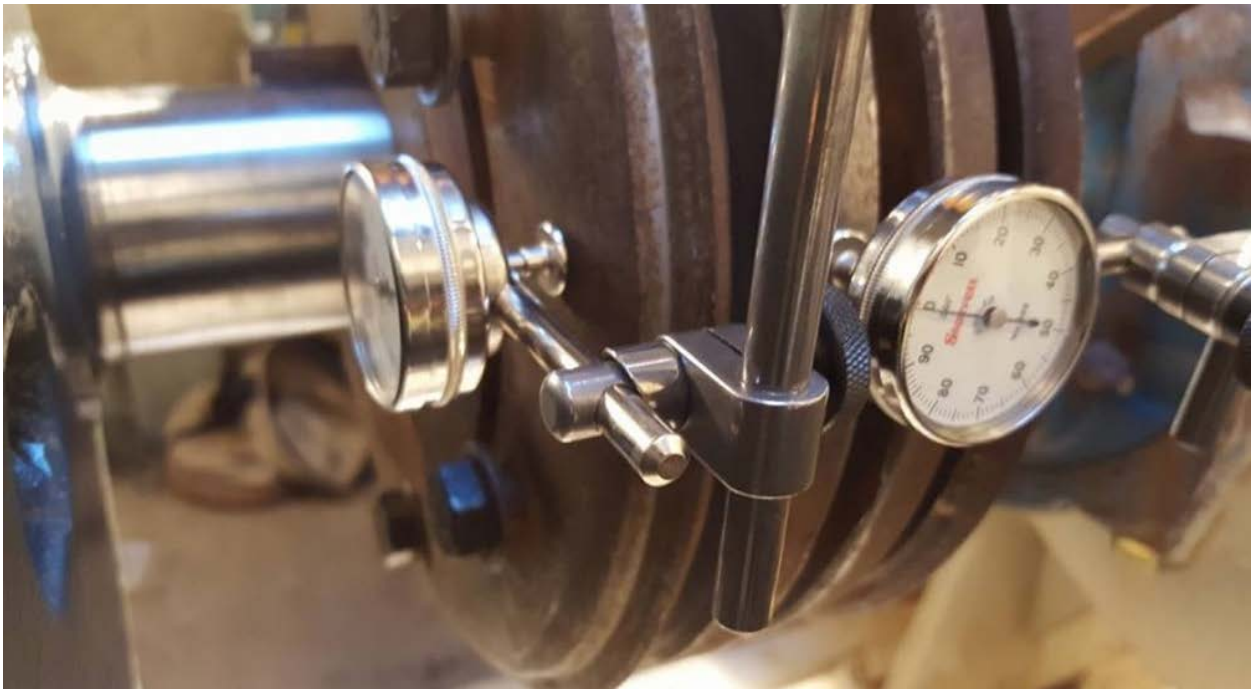
Distribution System Pressure Improvements
Stead to Raleigh Booster Pump Station

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Stead to Raleigh Booster Pump Station	—	—	—	—	500	500

PROJECT DESCRIPTION: This project involves the construction of a new booster pump station designed to facilitate the conveyance of water from the Stead Zone to the Raleigh Heights Zone. This infrastructure enhancement aims to improve the overall reliability of the water supply system and enable the efficient transfer of future water sources to various areas, supporting long-term system growth and resilience.

SCHEDULE: This project will begin design and construction in FY 2030.



WATER MAIN DISTRIBUTION & SERVICE LINE IMPROVEMENTS

Summary

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Street and Highway Main Replacements	1,500	2,000	5,000	5,000	5,000	18,500
2	Customer Rates	Goldeneye Parkway Main and Check Valve Tie	150	—	—	—	—	150
1	Customer Rates	Kate Smith Water Main Replacement Phase 2	1,000	—	—	—	—	1,000
2	Customer Rates	Rivermount Main Replacements Phase 1 and 2	1,170	2,730	—	—	—	3,900
1	Customer Rates	S. Virginia St. Main Replacement (Moana to Peppermill)	2,000	—	—	—	—	2,000
2	Developer Fees	Northeast Sparks Tank Feeder Main Relocation	975	—	—	—	—	975
2	Developer Fees	Northeast Sparks Transmission Mains Phase 6	—	—	—	—	600	600
2	Developer Fees	Trademark 14" Main Tie	—	—	—	—	505	505
1	Customer Rates	Mt. Rose Tank 1 Fire Flow Improvements	400	570	—	—	—	970
2	Customer Rates / Developer Fees	Stead Golf Course Main Replacement	—	400	3,800	—	—	4,200
2	Developer Fees	Northeast Sparks Feeder Main Phase 8	50	2,550	—	—	—	2,600
2	Customer Rates / Developer Fees	Sullivan 1 Main Tie and Pressure Regulating Station	—	100	650	—	—	750
1	Customer Rates	Montreux High Pressure ACP Replacement	100	250	1,850	—	—	2,200
2	Customer Rates	2nd Galena Creek Main Crossing	40	560	—	—	—	600
2	Customer Rates	Off-River Supply Improvements - South Truckee Meadows	—	50	1,050	—	—	1,100
1	Customer Rates	Highland NVS Bypass	100	500	500	—	—	1,100
2	Customer Rates	Somersett 6 Main Tie and Pressure Regulating Station	—	—	—	400	—	400
2	Customer Rates	2025 Fire Flow Improvements - Gravity <1,000 GPM	—	550	—	—	—	550
2	Customer Rates	2025 Fire Flow Improvements - North Valleys <1,000 GPM	—	950	—	—	—	950
2	Developer Fees	Delucchi to Airway Main Tie	—	—	—	—	520	520
2	Developer Fees	Southeast Sparks Feeder Main Phase 1	—	—	—	—	400	400
2	Customer Rates	Plumas from Urban to Moana	—	—	450	3,200	—	3,650

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Developer Fees	Southeast Sparks Feeder Main Phase 2	—	—	—	—	1,000	1,000
1	Customer Rates/ Developer Fees	Beaumont Tank to Las Brisas Zone Main	—	1,000	—	—	—	1,000
1	Customer Rates	West 4th Street Main Replacement (Stoker to Keystone)	1,600	—	—	—	—	1,600
2	Customer Rates	West 4th Street Main Replacement (Keystone to Vine)	420	—	—	—	—	420
2	Customer Rates	Mountain View Cemetery Fire and Service Relocation	—	—	—	1,200	—	1,200
1	Customer Rates	Pyramid Way Main Replacement	2,500	—	—	—	—	2,500
2	Customer Rates	Prater Way Main Replacement	200	2,000	—	—	—	2,200
1	Customer Rates	Lemmon Drive 24" Offset/ Relocation	200	1,500	—	—	—	1,700
2	Customer Rates	Keystone Main Replacement	150	1,040	—	—	—	1,190
2	Customer Rates	6th St Main Replacement	150	720	—	—	—	870
2	Customer Rates	Surge and Turbine Main Replacement	—	150	1,550	—	—	1,700
1	Customer Rates	Sierra Street Bridge Main Replacement	—	500	—	—	—	500
Subtotal Water Main Distribution Improvements			**12,705**	**18,120**	**14,850**	**9,800**	**8,025**	**63,500**

Project Locations: Map of all *Water Main Distribution Service Line Improvements* projects are highlighted in the following map.


2025 FIRE FLOW IMPROVEMENTS - NORTH VALLEYS <1,000 GPM
GOLDEN PKWY MAIN & CV TIE
NORTH EAST SPARKS TANK FEEDER MAIN RELOCATION
NORTH-EAST SPARKS TRANSMISSION MAINS PH 8
NORTH-EAST SPARKS TRANSMISSION MAINS PH 6
STEAD GOLF COURSE MAIN REPLACEMENT
SURGE AND TURBINE MAIN REPLACEMENT
OFF RIVER SUPPLY IMPROVEMENTS - NORTH VIRGINIA-STEAD PUMP STATION
LEMMON DRIVE 24" OFFSET/RELOCATION
Sun Valley
SULLIVAN #1 MAIN TIE & PRS
SOMERSETT #6 MAIN TIE & PRS
BEAUMONT TANK TO LAS BRISAS ZONE MAIN
KATE SMITH WATER MAIN REPLACEMENT PHASE 2
SOUTH EAST SPARKS FEEDER MAIN PHASE 1
W. 4TH ST. MAIN REPLACEMENT (STOKER TO KEYSTONE)
MTN VIEW CEMETERY FIRE AND SERVICE RELOCATION
PYRAMID WAY MAIN REPLACEMENT
SOUTH-EAST SPARKS FEEDER MAIN PHASE 2
HIGHLAND NVS BYPASS
STREET & HIGHWAY MAIN REPLACEMENTS
2025 FIRE FLOW IMPROVEMENTS - GRAVITY <1,000 GPM
RIVERMOUNT MAIN REPLACEMENTS PHASE 1 AND 2
PLUMAS FROM URBAN TO MOANA
S. VIRGINIA ST MAIN REPLACEMENT (MOANA P MILL)
DELUCCHI TO AIRWAY MAIN TIE
TRADEMARK 14" MAIN TIE
OFF RIVER SUPPLY IMPROVEMENTS - SOUTH TRUCKEE MEADOWS
SOUTH TRUCKEE MEADOWS CAPACITY IMPROVEMENTS
MONTREAUX HIGH PRESSURE ACP REPLACEMENT
MT ROSE 1 TANK FIRE FLOW IMPROVEMENTS
2ND GALENA CREEK MAIN CROSSING
Truckee Meadows Water Authority
FY 2026-2030 CIP
WATER MAIN DISTRIBUTION - SERVICE LINE IMPROVEMENT SUMMARY
DATE 4/24/2025
MAP BY: ML / DK
REQUESTED BY: ST
SCALE: 1 in = 3 miles
NORTH
NAD 83 NEVADA STATE PLANE WEST FEET

Water Main-Distribution Service Line Improvements
Street and Highway Main Replacements

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Street and Highway Main Replacements	1,500	2,000	5,000	5,000	5,000	18,500

PROJECT DESCRIPTION: Provision is made each year for water main replacements in conjunction with repaving efforts by the City of Reno, City of Sparks, Washoe County, NDOT, and RTC. In addition to repaving projects, TMWA coordinates water main replacements with sewer main replacements in areas where TMWA also has older water lines. TMWA plans for up to $5.0 million annually for these efforts, so that TMWA can capitalize on repaving projects planned by other entities. Anticipated spending in the out years is reflective of historical activity. Levels of spending can vary year to year and are difficult to predict.

SCHEDULE: Projects are identified and prioritized on an annual basis.

Water Main-Distribution Service Line Improvements
Goldeneye Parkway Main and Check Valve Tie

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Goldeneye Parkway Main and Check Valve Tie	150	—	—	—	—	150

PROJECT DESCRIPTION: This project will establish water system redundancy in the Spanish Springs area and includes the construction of 350 linear feet of 8-inch diameter main and an associated check valve adjacent to the Eagle Canyon Pressure Reducing Station (PRS).

SCHEDULE: Construction is scheduled for FY 2026.

Water Main-Distribution Service Line Improvements
Kate Smith Water Main Replacement Phase 2

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Kate Smith Water Main Replacement Phase 2	1,000	—	—	—	—	1,000

PROJECT DESCRIPTION: This project involves the replacement of 4,200 linear feet of aging 4-inch and 6-inch cast iron and transite pipes (originally installed in the 1920s, 1930s, and 1940s) with new 6-inch ductile iron pipe. The replacement will take place along H Street, I Street, 18th Street, 19th Street, and 20th Street in Sparks, NV. This infrastructure upgrade is aligned with the City of Sparks' 2025 Kate Smith Area Street Rehabilitation Project, improving water system reliability and supporting the overall street improvement efforts.

SCHEDULE: Construction is scheduled for FY 2026.

Water Main-Distribution Service Line Improvements
Rivermount Main Replacements Phase 1 and 2

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Rivermount Main Replacements Phase 1 and 2	1,170	2,730	—	—	—	3,900

PROJECT DESCRIPTION: The Rivermount Main Replacements Project consists of two phases aimed at replacing aging water infrastructure:

- Phase 1: Replacement of 2,500 linear feet of 4-inch and 6-inch cast iron and transite pipes (installed in the 1940s and 1950s) with 6-inch ductile iron pipe.
- Phase 2: Replacement of 2,000 linear feet of 6-inch cast iron pipe (installed in the 1940s and 1950s) with 6-inch ductile iron pipe.

These upgrades will take place along Carter Drive, Frandsen Circle, Suda Way, Benjamin Franklin Drive, and Daniel Webster Drive in Reno, NV. The project is coordinated with the City of Reno's 2026 and 2027 Rivermount Street Rehabilitation Projects to enhance both water system reliability and street infrastructure.

SCHEDULE: These projects are schedule to take place in FY 2026 and 2027.

Water Main-Distribution Service Line Improvements
S. Virginia St. Main Replacement (Moana to Peppermill)

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	S. Virginia St. Main Replacement (Moana to Peppermill)	2,000	—	—	—	—	2,000

PROJECT DESCRIPTION: The S. Virginia Street Main Replacement project involves replacing 2,200 linear feet of 12-inch cast iron pipe (installed in the 1940s) with 12-inch ductile iron pipe. The replacement will take place along S. Virginia Street from Moana Lane to the Peppermill in Reno, NV. This project is coordinated with the RTC 2025 S. Virginia Street Bus Rapid Transit (BRT) Project, improving water infrastructure in conjunction with the planned street improvements.

SCHEDULE: Construction is scheduled for FY 2026.

Water Main-Distribution Service Line Improvements
Northeast Sparks Tank Feeder Main Relocation

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Developer Fees	Northeast Sparks Tank Feeder Main Relocation	975	—	—	—	—	975

PROJECT DESCRIPTION: The North-East Sparks Tank Feeder Main was constructed in 1988 within private easements several years prior to the construction of South Los Altos Parkway. The final alignment selected for South Los Altos Parkway does not follow the alignment of the tank feeder main. As a result, the tank feeder main now runs through developed properties next to buildings, under parking areas and at considerable depth in some locations. This situation presents potential problems for access to the pipe for maintenance and repair of the critical pipeline. This project will relocate approximately 3,000 linear feet of the 18-inch tank feeder main out into the public right-of-way in South Los Altos Parkway.

SCHEDULE: Design and the improvements are scheduled for FY 2026.

Water Main-Distribution Service Line Improvements
Northeast Sparks Transmission Mains Phase 6

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Developer Fees	Northeast Sparks Transmission Mains Phase 6	—	—	—	—	600	600

PROJECT DESCRIPTION: Phase 6 of the North-East Sparks Transmission Main project includes the installation of 1,500 linear feet of 36-inch ductile iron water main along F Street and 19th Street in Sparks, NV. This phase is part of the broader North-East Sparks Feeder Main initiative outlined in TMWA's Master Plan and is critical to supporting long-term growth projections in the Spanish Springs area. The project is being coordinated with the City of Sparks' 2025 Kate Smith Area Street Rehabilitation Project to maximize efficiency and minimize construction impacts.

SCHEDULE: Construction is scheduled to begin in FY 2030.

Water Main-Distribution Service Line Improvements
Trademark 14" Main Tie

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Developer Fees	Trademark 14" Main Tie	—	—	—	—	505	505

PROJECT DESCRIPTION: This project involves construction of approximately 350 linear feet of 14-inch water main from Trademark to South Meadows Parkway, including crossing of an existing major drainage channel. The project will increase transmission capacity in the Double Diamond system to meet the needs of growth.

SCHEDULE: Construction is scheduled to be completed in FY 2030.

Water Main-Distribution Service Line Improvements
Mt. Rose Tank 1 Fire Flow Improvements

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Mt. Rose Tank 1 Fire Flow Improvements	400	570	—	—	—	970

PROJECT DESCRIPTION: The project involves reconstruction of an existing pressure regulator station at Mt. Rose Tank 1, a new pressure regulator station on Blue Spruce and approximately 3,100 linear feet of 10-inch water main on Blue Spruce and Douglas Fir to increase system pressure and fire flow capacity to existing customers in Galena Forest Estates. Existing fire flows are currently less than 1,000 GPM in the area.

SCHEDULE: Planning and design will be completed in FY 2026. Construction will occur in FY's 2026-2027.

Water Main-Distribution Service Line Improvements
Stead Golf Course Main Replacement

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates / Developer Fees	Stead Golf Course Main Replacement	—	400	3,800	—	—	4,200

PROJECT DESCRIPTION: The project consists of replacement of about 10,000 linear feet of 14-inch steel pipe installed around 1945. The pipe provides an important hydraulic tie between the Stead tanks and the northeast extremities of the Stead distribution system. The pipeline may also be useful to alleviate an existing bottleneck between the Stead wells and the distribution system.

SCHEDULE: The project is scheduled for construction to be completed in FY 2028.

Water Main-Distribution Service Line Improvements
Northeast Sparks Feeder Main Phase 8

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Developer Fees	Northeast Sparks Feeder Main Phase 8	50	2,550	—	—	—	2,600

PROJECT DESCRIPTION: The project involves construction of approximately 6,400 linear feet of 14-inch water main on Satellite Drive from Vista Blvd to Sparks Blvd to increase capacity for growth in Spanish Springs and maintain adequate suction pressure at the Satellite Hills booster pump station.

SCHEDULE: Design is scheduled for FY's 2026 and the improvements will be constructed in FY 2027.

Water Main-Distribution Service Line Improvements
Sullivan 1 Main Tie and Pressure Regulating Station

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates / Developer Fees	Sullivan 1 Main Tie and Pressure Regulating Station	—	100	650	—	—	750

PROJECT DESCRIPTION: The project involves construction of about 1,300 linear feet of 10-inch main on El Rancho and a new pressure regulator station to supply the Sullivan 1 zone. The project timeline assumes that the proposed Sun Valley 2 Tank and Sullivan 2 pump station are in service.

SCHEDULE: Planning and design is scheduled to begin in FY 2027 with construction scheduled in FY 2028.

Water Main-Distribution Service Line Improvements
Montreux High Pressure ACP Replacement

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Montreux High Pressure ACP Replacement	100	250	1,850	—	—	2,200

PROJECT DESCRIPTION: The project involves replacement of approximately 6,500 linear feet of existing 10-inch transite water main between Mt Rose Well 5 and Joy Lake Road. The existing ACP pipe installed in the 1970's is currently operated at pressures between 120-250 psi.

SCHEDULE: Planning and design will occur in FY 2026 with construction to be completed in FY 2028.

Water Main-Distribution Service Line Improvements
2nd Galena Creek Main Crossing

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	2nd Galena Creek Main Crossing	40	560	—	—	—	600

PROJECT DESCRIPTION: The project involves construction of approximately 2,200 linear feet of 10-inch ductile iron water main between Breithorn Cir. and Piney Creek Parklet including a crossing of Galena Creek. The existing 10" ACP pipe that crosses Galena Creek is currently the only tie between well sources and storage tanks.

SCHEDULE: Design will occur in FY 2026 with construction to be completed in FY 2027.

Water Main-Distribution Service Line Improvements
Off-River Supply Improvements - South Truckee Meadows

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Off-River Supply Improvements - South Truckee Meadows	—	50	1,050	—	—	1,100

PROJECT DESCRIPTION: The project involves construction of four SCADA controlled, pressure reducing bypass stations in strategic locations in the South Truckee Meadows to allow excess well capacity and excess Mt. Rose Water Treatment Plant capacity to be provided to the Highland gravity zone in case of loss supply from the Truckee River. Two additional bypasses (Arrowcreek BPS & future Veteran's BPS) will be constructed separately under the budget for those facilities.

SCHEDULE: Planning and design will occur in FY 2027 with construction to be completed in FY 2028.

Water Main-Distribution Service Line Improvements
Highland NVS Bypass

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Highland NVS Bypass	100	500	500	—	—	1,100

PROJECT DESCRIPTION: This project involves the construction of a multiple, SCADA-controlled pressure-reducing bypass stations in series near the North Virginia-Stead Booster Pump Station. The bypass regulation stations will enable excess capacity from the Fish Springs wells to be redirected to the Highland gravity zone in the event of a supply disruption from the Truckee River. This enhancement will improve system flexibility, reliability, and overall emergency preparedness.

SCHEDULE: Planning and design is anticipated to take place in FY 2026 and construction completed in FY 2028.

Water Main-Distribution Service Line Improvements
Somersett 6 Main Tie and Pressure Regulating Station

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Somersett 6 Main Tie and Pressure Regulating Station	—	—	—	400	—	400

PROJECT DESCRIPTION: The project involves construction of about 600 linear feet of 10-inch main within improved paved pathway and a new pressure regulator station to provide a secondary source to Somersett Village 6.

SCHEDULE: Project implementation and construction will occur in FY 2029.

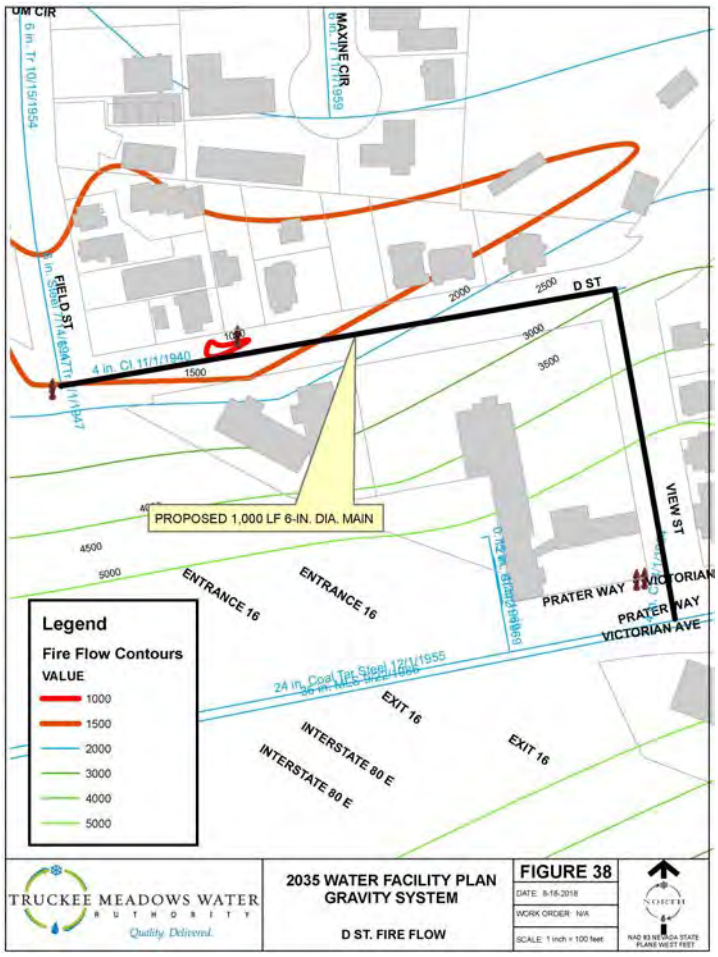
Water Main-Distribution Service Line Improvements
2025 Fire Flow Improvements - Gravity <1,000 GPM

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	2025 Fire Flow Improvements - Gravity <1,000 GPM	—	550	—	—	—	550

PROJECT DESCRIPTION: The project involves improvements at five separate locations in the gravity zone that have an available fire flow of less than 1,000 GPM. Reference Pages 20-22 of the 2035 WFP – Items 14,18,20,25,31 (also Figures 38,42,44,49,55). Construction consists of approximately 1,900 linear feet of new 6-inch and 8-inch main including new hydrant taps and laterals.

SCHEDULE: The improvements are scheduled for construction in FY 2027.



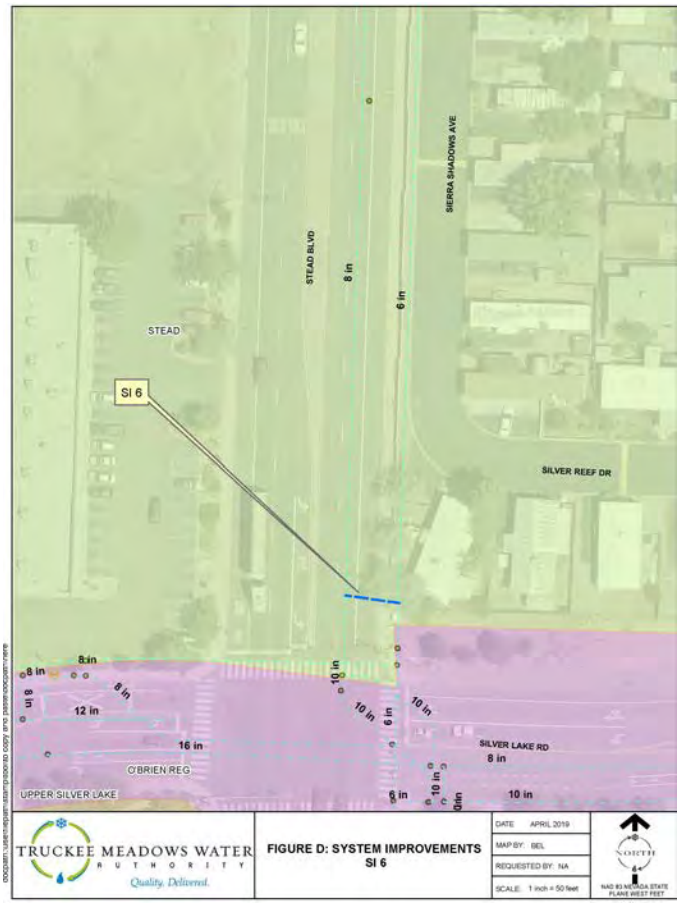
Water Main-Distribution Service Line Improvements
2025 Fire Flow Improvements - North Valleys <1,000 GPM

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	2025 Fire Flow Improvements - North Valleys <1,000 GPM	—	950	—	—	—	950

PROJECT DESCRIPTION: This project involves improvements at two separate locations that have an available fire flow of less than 1,000 GPM. Reference Items SI6 and SI7 on pages 6-7 of the North Valleys section of the 2035 Water Facilities Plan (also Figures D and E). Construction of approximately 3,500 linear feet of new 6-inch and 8-inch main and new high pressure Regulating Station.

SCHEDULE: The improvements are scheduled for construction in FY 2027.



Water Main-Distribution Service Line Improvements
Delucchi to Airway Main Tie

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Developer Fees	Delucchi to Airway Main Tie	—	—	—	—	520	520

PROJECT DESCRIPTION: The project involves construction of approximately 1,200 linear feet of l4-inch main from Deluchi to Airway including crossing a major storm drainage channel. The project promotes looping of the distribution system and provides additional North to South peak period capacity.

SCHEDULE: The project is scheduled for construction in FY 2030.

Water Main-Distribution Service Line Improvements
Southeast Sparks Feeder Main Phase 1 and Phase 2

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Developer Fees	Southeast Sparks Feeder Main Phase 1	—	—	—	—	400	400
2	Developer Fees	Southeast Sparks Feeder Main Phase 2	—	—	—	—	1,000	1,000

PROJECT DESCRIPTION:

Phase 1: Construction of approximately 9,700 linear feet of 24-inch water main along Greg Street, between 21st Street and Stanford Way. This phase is designed to enhance system capacity to accommodate future growth and to reduce peak period pressure in the area.

Phase 2: Installation of approximately 2,500 linear feet of 12-inch water main along Rock Boulevard, from Mill Street to Longley Lane. This phase will complete missing 12-inch pipeline segments at Ampere Drive and Capital Boulevard, supporting system continuity and future development needs.

SCHEDULE: Planning and design are scheduled to begin in FY 2030 and construction is scheduled to begin in FY 2030.

Water Main-Distribution Service Line Improvements
Plumas from Urban to Moana

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Plumas from Urban to Moana	—	—	450	3,200	—	3,650

PROJECT DESCRIPTION: This project involves the replacement of approximately 3,900 linear feet of 12-inch steel water main, originally installed in 1948, along Plumas Street from W. Moana Lane to Urban Road. The existing main has a significant history of leaks, resulting in high maintenance costs and reduced reliability. Replacing this aging infrastructure will enhance system dependability and reduce long-term operational expenses.

SCHEDULE: Design is scheduled to begin in FY 2028 with Construction in FY 2029.

Water Main-Distribution Service Line Improvements
Beaumont Tank to Las Brisas Zone Main

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates/ Developer Fees	Beaumont Tank to Las Brisas Zone Main	—	1,000	—	—	—	1,000

PROJECT DESCRIPTION: This improvement consists of 2,400’ of 12” main connecting the Beaumont Tank zone to the Las Brisas zone is planned to help system reliability in the northwest.

SCHEDULE: Construction is scheduled for FY 2027.

Water Main-Distribution Service Line Improvements
Mountain View Cemetery Fire and Service Relocation

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Mountain View Cemetery Fire and Service Relocation	—	—	—	1,200	—	1,200

PROJECT DESCRIPTION: This project involves relocating the existing water service line that currently crosses I-80 and serves Mountain View Cemetery to a new connection off of the main in Stoker Avenue. The relocation is necessary to eliminate the risk associated with the existing I-80 crossing and to bring the service and fire connections up to TMWA standards. Close coordination with Mountain View Cemetery will be required throughout the project to ensure uninterrupted service and minimize disruption during construction.

SCHEDULE: This project is scheduled for FY 2029.

Water Main-Distribution Service Line Improvements
Surge and Turbine Main Replacement

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Surge and Turbine Main Replacement	—	150	1,550	—	—	1,700

PROJECT DESCRIPTION: Due to ongoing excessive leaks along this section of water main, this project will replace approximately 2,600 linear feet of aging 6-inch steel and transite water mains, originally installed in the 1960s, along Surge Street and Turbine Way in Reno, NV. The replacement with modern pipe materials will significantly improve system reliability, reduce maintenance costs, and enhance service continuity in the area.

SCHEDULE: The design of this project is scheduled in FY 2027 with completion of Construction in FY 2028.

Water Main-Distribution Service Line Improvements
Various Main Replacements

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	West 4th Street Main Replacement (Stoker to Keystone)	1,600	—	—	—	—	1,600
2	Customer Rates	West 4th Street Main Replacement (Keystone to Vine)	420	—	—	—	—	420
1	Customer Rates	Pyramid Way Main Replacement	2,500	—	—	—	—	2,500
2	Customer Rates	Prater Way Main Replacement	200	2,000	—	—	—	2,200
1	Customer Rates	Lemmon Drive 24" Offset/Relocation	200	1,500	—	—	—	1,700
2	Customer Rates	Keystone Main Replacement	150	1,040	—	—	—	1,190
2	Customer Rates	6th St Main Replacement	150	720	—	—	—	870
1	Customer Rates	Sierra Street Bridge Main Replacement	—	500	—	—	—	500

PROJECT DESCRIPTION:

- West 4th Street Main Replacement (Stoker to Keystone) - This project involves the replacement and upsizing of approximately 4,000 linear feet of 6-inch cast iron water main (installed in the 1930s) with 8-inch ductile iron pipe along W. 4th Street, from Stoker Avenue to Keystone Avenue in Reno, NV. It is coordinated with the 2026 RTC W. 4th Street Safety Project.
- West 4th Street Main Replacement (Keystone to Vine) - Replacement of 700 linear feet of 12” cast iron (1950s) with 12” ductile iron on W. 4th Street from Keystone Avenue to Vine Street in Reno, NV. This project is associated with the RTC W. 4th Street Downtown Project.
- Pyramid Way Main Replacement - This project will replace approximately 2,500 linear feet of 12-inch cast iron pipe (1930s) with new 12-inch ductile iron along Pyramid Way, from Prater Way to Victorian Avenue in Sparks, NV. It is being coordinated with the NDOT 2025 Pyramid Way Street Rehabilitation Project (Nugget Avenue to York Way).
- Prater Way Main Replacement – Replacement of 3,000 linear feet of 8” cast iron (1940s) and 10” transite (1950s) with 12” ductile iron on Prater Way from Pyramid Way to Stanford Way in Sparks, NV. This project is associated with the RTC 2026 Prater Way Rehab Project.
- Lemmon Drive 24” Offset/Relocation - This project includes vertical offsets and relocations of an existing 24-inch transmission main to accommodate new storm drain infrastructure planned under RTC’s 2027 Lemmon Drive Phase 2 Project (Fleetwood to Ramsey).
- Keystone Main Replacement - Replacement of approximately 1,000 linear feet of 6-inch cast iron main (1950s vintage) between Coleman Drive and Penrose Drive in Reno, NV. This project is aligned with the RTC 2027 Keystone Avenue Street Rehabilitation effort.

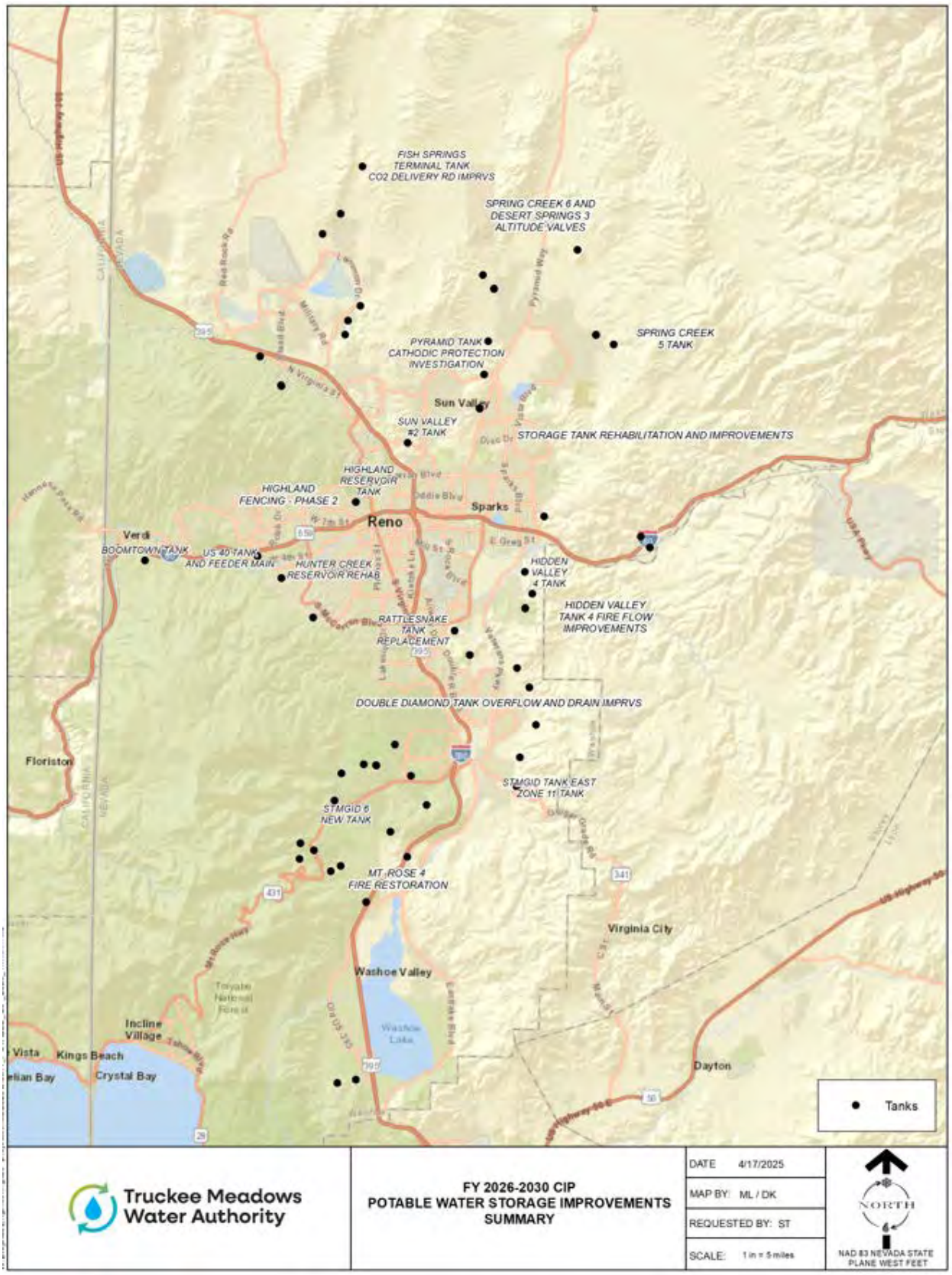
- 6th Street Main Replacement - This project entails the replacement of a 6-inch cast iron main (installed in the 1960s) located at the Union Pacific Railroad track crossing at E. 6th Street and Record Street in Reno, NV. The work is associated with the RTC Sixth Street For All Street Rehabilitation Project.
- Sierra Street Bridge Main Replacement - -This project will replace a 12-inch cast iron water main (1930s) with new 12-inch ductile iron pipe across the Sierra Street Bridge, from 1st Street to Island Avenue in Reno, NV. It is being conducted in conjunction with the RTC Sierra Street Bridge Replacement CMAR Project.

SCHEDULE: These projects are mainly focused to take place over the next few years.

POTABLE WATER STORAGE IMPROVEMENTS
Summary

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Sun Valley 2 Tank, Booster Pump Station and Mains	600	4,100	5,000	2,600	—	12,300
1	Customer Rates	Storage Tank Rehabilitation and Improvements	3,500	5,000	5,000	5,000	5,000	23,500
1	Customer Rates	Storage Tank Site Improvements	700	600	600	600	600	3,100
2	Customer Rates / Developer Fees	Highland Reservoir Tank	—	700	1,300	5,000	—	7,000
2	Customer Rates / Developer Fees	STMGID Tank East Zone 11 Tank	—	—	175	2,850	—	3,025
1	Customer Rates / Reimbursements / Developer Fees	US 40 Tank and Feeder Main	3,550	3,550	—	—	—	7,100
3	Customer Rates/ Developer Fees	Spanish Springs Altitude Valves (SC6 and DS3)	—	—	100	400	—	500
3	Customer Rates	Hidden Valley Tank Altitude Valve	—	350	—	—	—	350
1	Customer Rates	Hidden Valley Tank 4 Fire Flow Improvements	1,500	—	—	—	—	1,500
1	Customer Rates	Hunter Creek Reservoir Rehabilitation	—	100	3,000	1,500	—	4,600
1	Customer Rates	Terminal Tank CO2 Delivery Road Improvements	400	—	—	—	—	400
2	Customer Rates	STMGID 6 New Tank	—	—	400	—	—	400
1	Customer Rates	Rattlesnake Tank Replacement	—	500	3,000	—	3,000	6,500
2	Customer Rates	Pyramid Tank Cathodic Protection Investigation	15	—	100	—	—	115
2	Customer Rates	Hunter Creek Fencing - Phase 2	—	—	450	—	—	450
2	Customer Rates	Highland Fencing - Phase 2	—	—	500	—	—	500
1	Customer Rates	Mt. Rose 4 Fire Restoration	400	—	—	—	—	400
Subtotal Storage Improvements			**10,665**	**14,900**	**19,625**	**17,950**	**8,600**	**71,740**

Project Locations: Map of all *Potable Water Storage Improvements* projects are highlighted in the following map.


FISH SPRINGS TERMINAL TANK CO2 DELIVERY RD IMPRVS
SPRING CREEK 6 AND DESERT SPRINGS 3 ALTITUDE VALVES
PYRAMID TANK CATHODIC PROTECTION INVESTIGATION
SPRING CREEK 5 TANK
Sun Valley
SUN VALLEY #2 TANK
STORAGE TANK REHABILITATION AND IMPROVEMENTS
HIGHLAND RESERVOIR TANK
HIGHLAND FENCING - PHASE 2
Reno
Sparks
Verdi
BOOMTOWN TANK
US 40 TANK AND FEEDER MAIN
HUNTER CREEK RESERVOIR REHAB
HIDDEN VALLEY 4 TANK
HIDDEN VALLEY TANK 4 FIRE FLOW IMPROVEMENTS
RATTLESNAKE TANK REPLACEMENT
DOUBLE DIAMOND TANK OVERFLOW AND DRAIN IMPRVS
Floriston
STMGID TANK EAST ZONE 11 TANK
STMGID 6 NEW TANK
MT. ROSE 4 FIRE RESTORATION
Virginia City
Washoe Valley
Incline Village
Kings Beach
Crystal Bay
Dayton
Tanks
Truckee Meadows Water Authority
FY 2026-2030 CIP
POTABLE WATER STORAGE IMPROVEMENTS
SUMMARY
DATE 4/17/2025
MAP BY: ML / DK
REQUESTED BY: ST
SCALE: 1 in = 5 miles
NORTH
NAD 83 NEVADA STATE PLANE WEST FEET

Potable Water Storage Improvements
Sun Valley 2 Tank, Booster Pump Station and Mains

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Sun Valley 2 Tank, Booster Pump Station and Mains	600	4,100	5,000	2,600	—	12,300

PROJECT DESCRIPTION: TMWA has successfully procured a site for the future Sun Valley 2 Tanks and Booster Pump Station. This project will provide critical system redundancy and removes the need to operate two pump stations in series, improving overall operational efficiency and reliability. Additionally, it will replace an aging underground booster pump station within the pressure zone, significantly enhancing system reliability, reducing maintenance costs, and improving safety for operations and maintenance personnel.

SCHEDULE: The design is underway and the project is scheduled to be complete in FY 2029.

Potable Water Storage Improvements
Storage Tank Rehabilitation and Improvements

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Storage Tank Rehabilitation and Improvements	3,500	5,000	5,000	5,000	5,000	23,500

PROJECT DESCRIPTION: TMWA has a very proactive tank reservoir maintenance program where 20% of all tanks are inspected annually on a rotating basis. Based on these inspection observations, a determination is made as to whether interior tank coatings (for steel tanks) or other fix and finish work is required. TMWA has 95 storage tanks in service, with combined storage of approximately 123 million gallons. Interior coating/liners are generally replaced every 20 years resulting in the need to recoat several tanks per year to maintain the rehabilitation cycle. The budget and plan also includes exterior painting of steel tanks and any replacement of any interior components that may be corroded.

SCHEDULE: This is an ongoing annual project. It is anticipated that several tanks will need to be recoated every year.

Potable Water Storage Improvements
Storage Tank Site Improvements

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Storage Tank Site Improvements	700	600	600	600	600	3,100

PROJECT DESCRIPTION: This project addresses critical deficiencies at various tank sites across the TMWA system. Improvements will include drainage enhancements to prevent ponding and erosion, roadway upgrades to ensure safe and reliable site access, installation of new security measures such as fencing and gates, and stabilization of slopes to mitigate erosion and protect surrounding infrastructure. These upgrades will improve long-term site sustainability, safety, maintenance and operational efficiency.

SCHEDULE: This is an ongoing capital improvement program to address infrastructure deficiencies at TMWA tank sites. The program prioritizes sites based on infrastructure criticality and condition assessments. Phase 1 construction is scheduled for FY 2026, with subsequent phases planned based on site needs and available funding.

Potable Water Storage Improvements
Highland Reservoir Tank

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates / Developer Fees	Highland Reservoir Tank	—	700	1,300	5,000	—	7,000

PROJECT DESCRIPTION: TMWA has two large finished water storage reservoirs, one at Hunter Creek and one at the Highland site just west of the intersection of Washington and College Drive. These reservoirs are lined and covered with flexible polyethylene or hypalon membranes. As such, they are more maintenance intensive and susceptible to damage than a conventional steel or concrete tank. To provide reliability during repairs or during extended outages for inspection and cleaning, it is proposed to construct a conventional 4 million gallon water storage tank at the reservoir site. Due to topography and proximity to residential areas the tank may need to be a buried pre-stressed concrete tank, which is reflected in the project budget. The tank will also provide additional storage capacity to meet future system requirements as required by the NAC regulations.

SCHEDULE: The tank is scheduled for construction in FY's 2027-2029.

Potable Water Storage Improvements
STMGID Tank East Zone 11 Tank

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates / Developer Fees	STMGID Tank East Zone 11 Tank	—	—	175	2,850	—	3,025

PROJECT DESCRIPTION: The project involves construction of a 3.7 MG above ground welded steel storage tank in the South Truckee Meadows area off of Geiger Grade formerly owned by STMGID. Due to growth in the area over the last several years, additional storage is required to meet the requirements of the NAC 445A regulations and TMWA standards. The tank will replace an existing 0.75 MG tank providing a net increase in storage of about 3 MG.

SCHEDULE: The project is currently scheduled for construction in FY 2029, subject to acquisition of the Special Use Permit and Bureau of Land Management (BLM) permitting.

Potable Water Storage Improvements
US 40 Tank and Feeder Main

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates / Reimbursements / Developer Fees	US 40 Tank and Feeder Main	3,550	3,550	—	—	—	7,100

PROJECT DESCRIPTION: This project includes the construction of a 1.6-million-gallon concrete storage tank, along with associated site improvements, utilities, drainage infrastructure, and access road. It also includes the installation of approximately 2,100 linear feet of 20-inch feeder main. The project will enhance system reliability and hydraulic performance in the Mae Anne pressure zone, which currently experiences significant surge issues due to the cycling of the Mae Anne pump train and the closed system configuration near Mogul. This infrastructure is critical to support future growth and is a key component of the system's backbone to Verdi.

SCHEDULE: Construction is underway and schedule to complete in FY 2026.

Potable Water Storage Improvements
Spanish Springs Altitude Valves (SC6 and DS3)

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
3	Customer Rates/ Developer Fees	Spanish Springs Altitude Valves (SC6 and DS3)	—	—	100	400	—	500

PROJECT DESCRIPTION: The project involves the construction of altitude valves in underground vaults at the Spring Creek Tank 6 and at the Desert Springs Tank 3. The altitude valves will keep the existing tanks from overflowing when well recharge operations are conducted in Spanish Springs Valley.

SCHEDULE: The project is schedule for construction in FY 2029.

Potable Water Storage Improvements
Spring Creek 5B Tank (0.25 MG)

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Spring Creek 5B Tank (0.25 MG)	—	—	—	625	—	625

PROJECT DESCRIPTION: This project involves the construction of a second storage tank at the Spring Creek 5 site to ensure adequate fire flow capacity is maintained during the future rehabilitation of the existing Spring Creek 5A Tank. The additional tank will enhance system redundancy and operational flexibility, supporting both routine maintenance and emergency response needs in the area.

SCHEDULE: This project is schedule for design and construction in FY 2029.

Potable Water Storage Improvements
Hidden Valley Tank Altitude Valve

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
3	Customer Rates	Hidden Valley Tank Altitude Valve	—	350	—	—	—	350

PROJECT DESCRIPTION: This project involves the installation of a new altitude valve within a vault on the Hidden Valley Tank 1 inlet/outlet line. Work will include cutting into and rerouting existing piping, installing the new altitude valve, and adding associated isolation valves as needed. The improvements will enhance operational control, prevent overflows, and improve the overall reliability of the tank system.

SCHEDULE: The project is scheduled for construction in FY 2027.

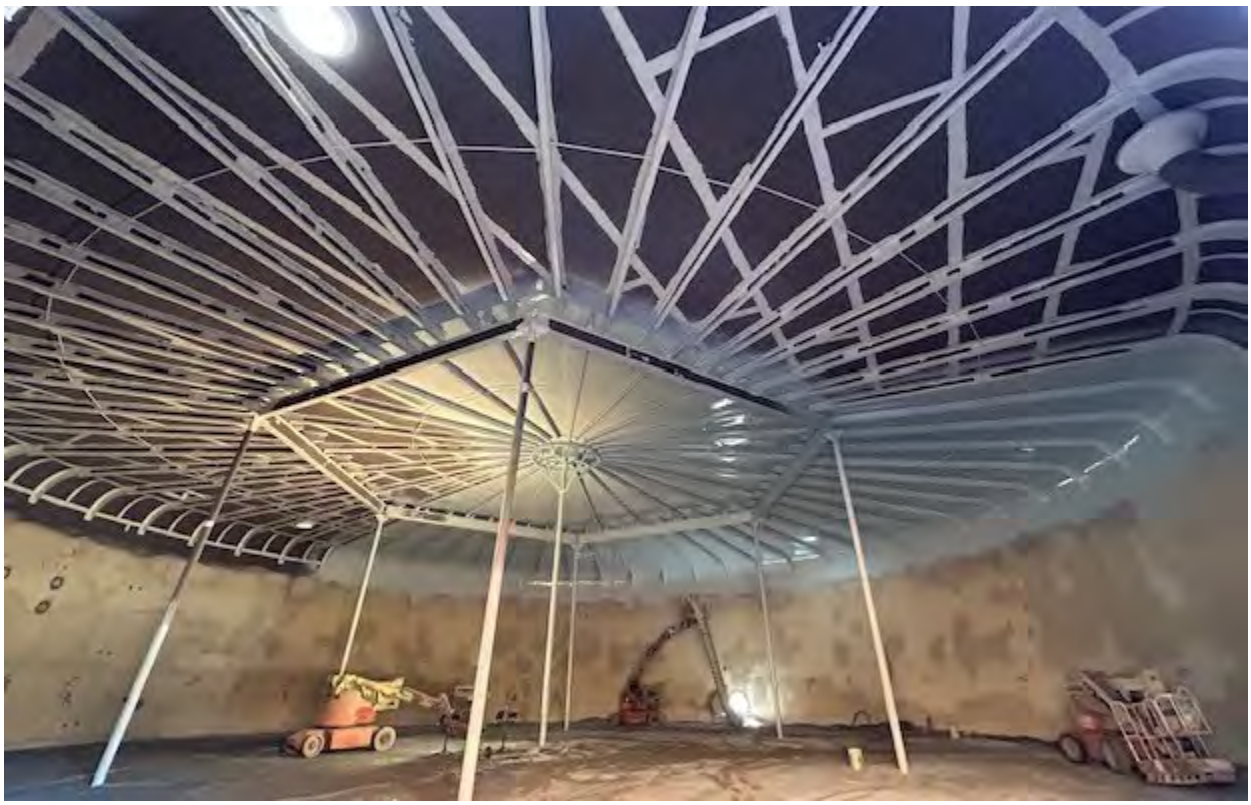
Potable Water Storage Improvements
Hidden Valley Tank 4 Fire Flow Improvements

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Hidden Valley Tank 4 Fire Flow Improvements	1,500	—	—	—	—	1,500

PROJECT DESCRIPTION: Hidden Valley Tank 4 is scheduled for rehabilitation and recoating; however, it cannot be taken out of service without compromising compliance with NAC requirements, including minimum fire flow. This project includes the construction of a second storage tank at the existing Hidden Valley Tank 4 site to provide necessary redundancy and maintain system reliability during rehabilitation. The additional tank will ensure uninterrupted service and regulatory compliance. Acquisition of additional land will be required to accommodate the new tank.

SCHEDULE: Construction is scheduled in FY 2026.



Potable Water Storage Improvements
Hunter Creek Reservoir Rehabilitation

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Hunter Creek Reservoir Rehabilitation	—	100	3,000	1,500	—	4,600

PROJECT DESCRIPTION: The pond liner and floating cover of the Hunter Creek 30 million-gallon reservoir are approaching the end of their useful service life and require replacement. A condition assessment completed in 2020 provided recommendations for necessary improvements. Ongoing periodic inspections confirm that the liner will need to be replaced within the next five years to ensure continued operational integrity and regulatory compliance.

SCHEDULE: Design will take place in FY 2027 with the major replacement anticipated to begin in FY 2028.

Potable Water Storage Improvements
Terminal Tank CO2 Delivery Road Improvements

FUNDING TIMELINE

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Terminal Tank CO2 Delivery Road Improvements	400	—	—	—	—	400

PROJECT DESCRIPTION: Currently, only one CO_2 vendor is willing to deliver to the Terminal Tank site due to physical site constraints, which limits vendor competition and increases operational risk. TMWA has engaged with an additional vendor and identified site improvements that would allow access for larger delivery trucks, enabling more competitive bidding opportunities. In addition to enhancing vendor access, the planned improvements will increase sight distance when exiting the site, improving safety for TMWA staff. Implementation of these improvements will require securing easement agreements with the neighboring property.

SCHEDULE: Land Procurement is underway and Design and Construction is anticipated to be completed in FY 2026.

Potable Water Storage Improvements
STMGID 6 New Tank

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	STMGID 6 New Tank	—	—	400	—	—	400

PROJECT DESCRIPTION: STMGID 6 Tank is scheduled for rehabilitation and recoating; however, it cannot be taken out of service without compromising compliance with NAC requirements, including minimum fire flow. This project includes the construction of a second storage tank at the existing STMGID 6 Tank site to provide necessary redundancy and maintain system reliability during rehabilitation. The additional tank will ensure uninterrupted service and regulatory compliance. Acquisition of additional land will be required to accommodate the new tank.

SCHEDULE: Construction is scheduled for FY 2028.

Potable Water Storage Improvements
Rattlesnake Tank Replacement

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Rattlesnake Tank Replacement	—	500	3,000	—	3,000	6,500

PROJECT DESCRIPTION: An assessment conducted in FY 2024 identified significant corrosion in the rafters, roof plate, and floor of the Rattlesnake Tank. The extent of deterioration is beyond justifiable repair, necessitating full tank replacement. This project will be executed in two phases: Phase 1 will involve the installation of a second, redundant tank to maintain system reliability and meet fire flow requirements; Phase 2 will include the demolition and replacement of the existing tank. This phased approach is essential to ensure uninterrupted service, particularly to critical facilities such as the Northern Nevada Hospital.

SCHEDULE: Design is scheduled to begin in FY 2027 and phased construction in FY 2028 and FY 2030.

Potable Water Storage Improvements
Pyramid Tank Cathodic Protection Investigation

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Pyramid Tank Cathodic Protection Investigation	15	—	100	—	—	115

PROJECT DESCRIPTION: This tank underwent rehabilitation during the FY 2021 and FY 2022 Tank Improvements Project. However, during the final phase of work, it was discovered that the underside of the tank floor is in contact with highly corrosive soils. To address this, a corrosion protection system is required. The project will include a full floor scan to assess current conditions and patch any areas as needed to ensure long-term structural integrity and protection against further deterioration.

SCHEDULE: Floor scan is scheduled for FY 2026 and the Corrosion system design and construction in FY 2028.

Potable Water Storage Improvements
Hunter Creek Fencing - Phase 2

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Hunter Creek Fencing - Phase 2	—	—	450	—	—	450

PROJECT DESCRIPTION: Physical site security improvements at Hunter Creek Reservoir are based on recommendations from previous Department of Homeland Security (DHS) Vulnerability Assessments. Priorities for this project include replacement of existing perimeter fencing along the east and south sides of the HCR property with new chain link fencing built to meet or exceed DHS minimum standards. Additional fencing along the west property boundary may be added as needed to properly secure the site. The intent of this second phase of the project is to replace the remainder of the fencing on TMWA property that was not addressed in the Hunter Creek Reservoir Fencing - Phase 1 project.

SCHEDULE: Construction is scheduled for FY 2028.

Potable Water Storage Improvements
Highland Fencing - Phase 2

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Highland Fencing - Phase 2	—	—	500	—	—	500

PROJECT DESCRIPTION: Physical site security improvements at Highland Reservoir are based on recommendations from previous Department of Homeland Security (DHS) Vulnerability Assessments. Priorities for this project include the replacement of existing perimeter fencing along the south, west, and north sides of the Highland Reservoir property with new chain link fencing built to meet or exceed DHS minimum standards. The intent of the second phase of this project is to replace the remainder of the onsite fencing and enclose/secure any areas that were not addressed in the Highland Reservoir Fencing - Phase 1 project.

SCHEDULE: Construction is scheduled for FY 2028.

Potable Water Storage Improvements
Mt. Rose 4 Fire Restoration

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Mt. Rose 4 Fire Restoration	400	—	—	—	—	400

PROJECT DESCRIPTION: The Mt. Rose 4 Tank site was significantly impacted by the September 2024 Davis Fire, which destroyed the perimeter fencing and severely damaged surrounding vegetation. This project includes the removal and complete replacement of the perimeter fence and the clearing of fire-damaged trees that pose a hazard of falling onto the tank or newly installed fencing. These improvements are necessary to restore site security, protect critical water infrastructure, and mitigate future risks from unstable vegetation.

SCHEDULE: This project is underway and anticipate completion in early FY 2026.

HYDROELECTRIC IMPROVEMENTS

Summary

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Hydroelectric	Flume Rehabilitation changes to Fleish Intake Improvements	800	200	—	—	—	1,000
1	Hydroelectric	Fleish Flume Improvements (Boxes 1-65 and 143-175)	1,000	1,500	—	—	—	2,500
2	Hydroelectric	Fleish Plant Improvements changes to Fleish Forebay and Flume (Boxes 343-434) Improvements	1,500	3,500	—	—	—	5,000
2	Hydroelectric	Fleish Powerhouse Improvements	500	—	—	—	—	500
2	Hydroelectric	Fleish Generator Rewind	650	—	—	—	—	650
2	Hydroelectric	Verdi Sandgate Improvements	—	500	—	—	—	500
2	Hydroelectric	Verdi Bypass Valve Improvements changes to Verdi Powerhouse Improvements	—	850	—	—	—	850
2	Hydroelectric	Verdi Conveyance Improvements	50	500	—	—	—	550
2	Hydroelectric	Washoe Plant Improvements to Washoe Hydroturbine Facility Reconstruction	600	2,000	5,000	5,000	2,000	14,600
Subtotal Hydroelectric Improvements			**5,100**	**9,050**	**5,000**	**5,000**	**2,000**	**26,150**

Project Locations: Map of all *Hydroelectric Improvements* projects are highlighted in the following map.


VERDI
SANDGATE IMPROVEMENTS
VERDI
POWER HOUSE
IMPROVEMENTS
VERDI
CONVEYANCE
IMPROVEMENTS
Verdi
S Verdi Rd
Bloomtown Garson Rd
WASHOE
HYDROTURBINE
FACILITY
RECONSTRUCTION
Mario Rd
Truckee River
Dwight D. Eisenhower Hwy
Old Verdi Rd
Quilici Ranch Rd
Trelease Ln
Galena Rd
Lawrence Canyon Rd
FLEISH
INTAKE IMPROVEMENTS
FLEISH POWER
HOUSE IMPROVEMENTS
FLEISH
FLUME IMPROVEMENTS
FLEISH
GENERATOR REWIND
FLEISH FOREBAY
AND FLUME IMPROVEMENTS
Truckee Meadows
Water Authority
FY 2026-2030 CIP
HYDROELECTRIC IMPROVEMENTS
SUMMARY
DATE 4/17/2025
MAP BY: ML / DK
REQUESTED BY: ST
SCALE: 1 in = 1 miles
NORTH
NAD 83 NEVADA STATE
PLANE WEST FEET

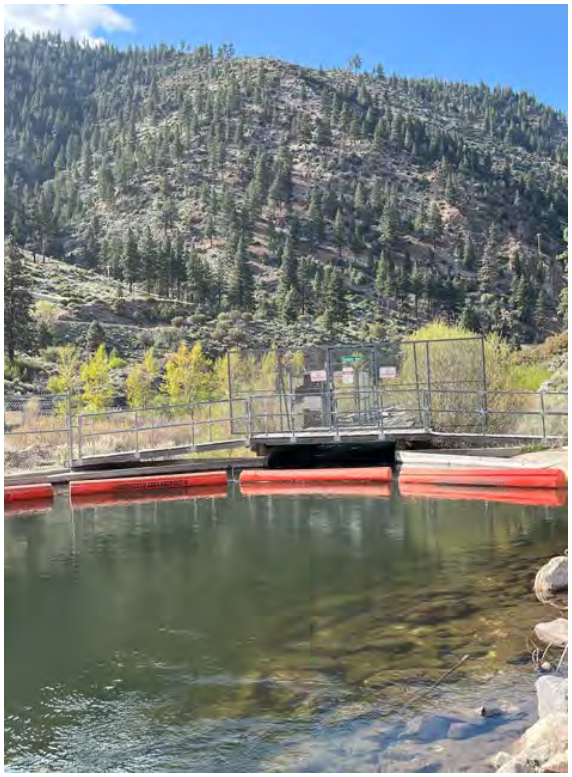
Hydroelectric Improvements
Flume Rehabilitation changes to Fleish Intake Improvements

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Hydroelectric	Flume Rehabilitation changes to Fleish Intake Improvements	800	200	—	—	—	1,000

PROJECT DESCRIPTION: At the start of the Fleish Hydroelectric system is a 1950s-vintage river intake structure with two antiquated radial head gates. This structure feeds into an earthen channel, followed by a transition structure connected to a wooden flume. An evaluation will determine which portions of the system can be repaired and/or replaced as part of this project. Head gate replacement will be challenging and may not be feasible in the immediate future. The current plan is to provide vehicle access to the head gate structure from the north. To accommodate this access, a new concrete structure will be constructed, which will also contain slide gates to the flume, a sand trap, and a sand trap gate. The gates will provide operational flexibility in lieu of replacing the radial gates.

SCHEDULE: Improvements are scheduled to begin in FY 2026.



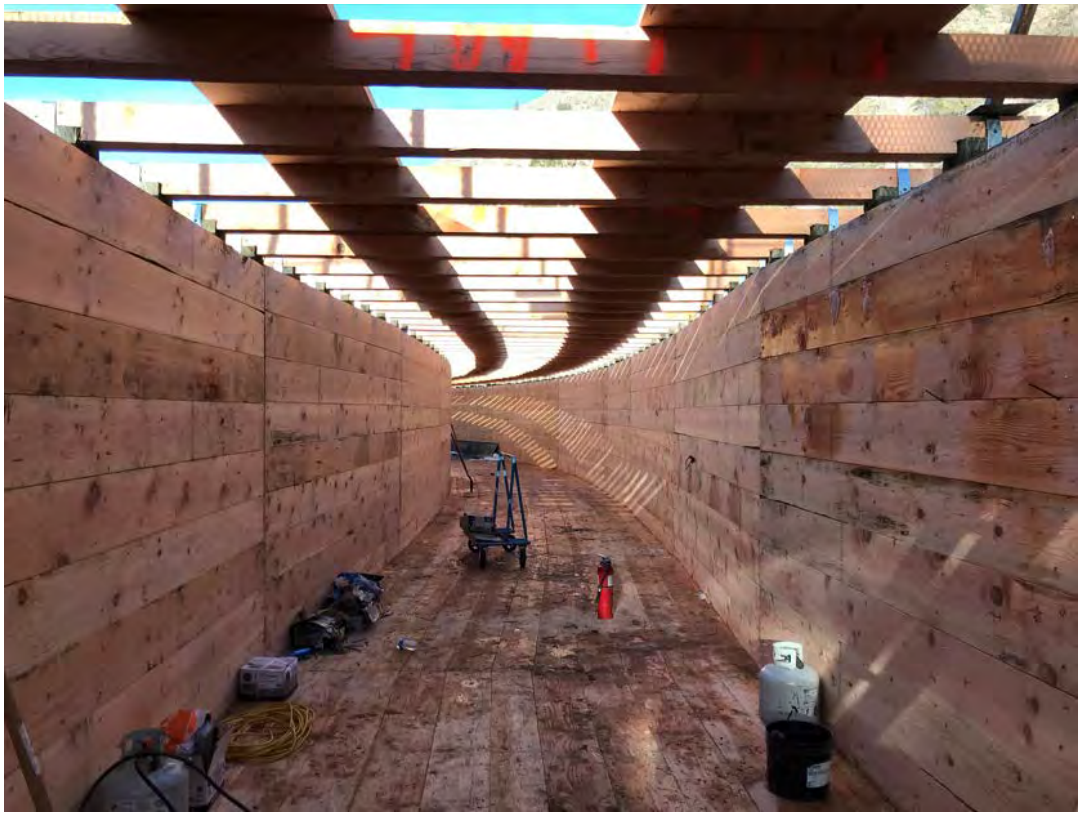
Hydroelectric Improvements
Fleish Flume Improvements (Boxes 1-65 and 143-175)

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Hydroelectric	Fleish Flume Improvements (Boxes 1-65 and 143-175)	1,000	1,500	—	—	—	2,500

PROJECT DESCRIPTION: TMWA's three operating hydroelectric facilities have nearly 12,150 feet of wood flume. The average service life for flume substructures (bent) is 40 years and 20 years for flume superstructures (box). The Fleish Flume Improvements project will replace 72 boxes and their associated bents.

SCHEDULE: Improvements are scheduled to begin in FY 2026.



Hydroelectric Improvements

Fleish Plant Improvements changes to Fleish Forebay and Flume (Boxes 343-434) Improvements

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Hydroelectric	Fleish Plant Improvements changes to Fleish Forebay and Flume (Boxes 343-434) Improvements	1,500	3,500	—	—	—	5,000

PROJECT DESCRIPTION: Re-allocated water rights have been assigned to the Fleish hydroelectric facility. This will allow for an additional one foot of head to be delivered to the hydroturbines resulting in increased energy production. Previous flume improvements projects have increased the flume height by one foot to accommodate the additional head. This project will replace 92 boxes and their associated bents with new taller boxes. The Forebay structure is aging and due for improvements or replacement. The structure will be evaluated for its structural integrity and ability to accommodate the additional head and capacity. Results from the evaluation will define the necessary improvements for this portion of the project.

SCHEDULE: Improvements are scheduled to begin in FY 2026.

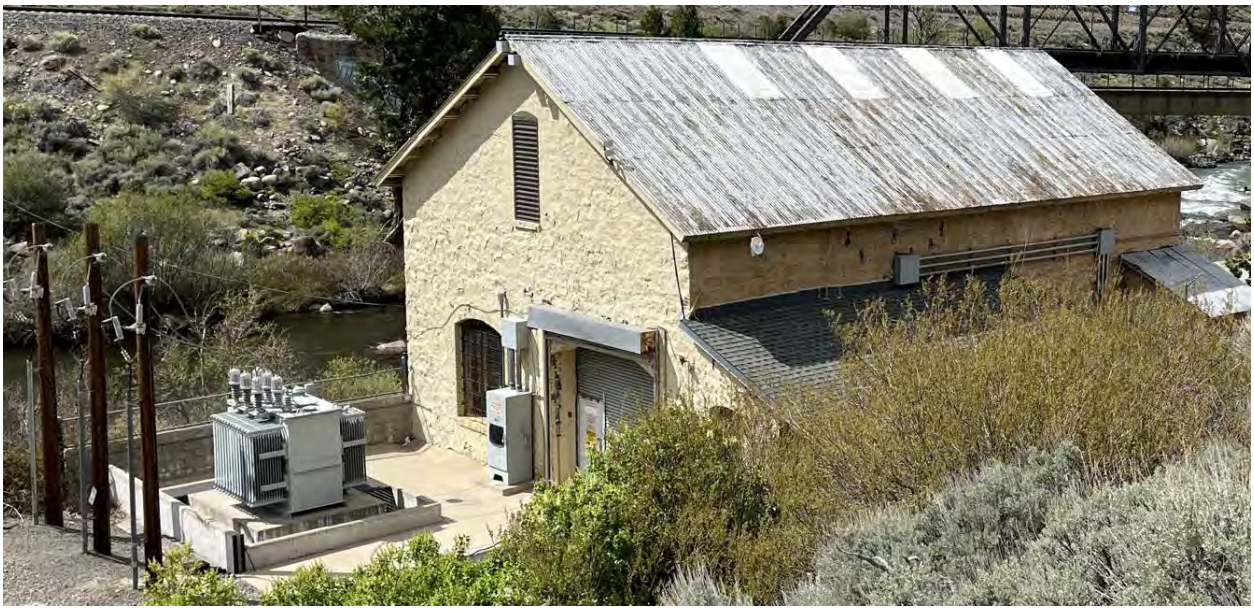
Hydroelectric Improvements
Fleish Powerhouse Improvements

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Hydroelectric	Fleish Powerhouse Improvements	500	—	—	—	—	500

PROJECT DESCRIPTION: The Fleish Hydroelectric Plant was commissioned in 1905. Roofing, windows, and exhaust fans are aging and need replacement. A new HVAC system will be installed to allow the generator to operate at its full potential without overheating.

SCHEDULE: Improvements are scheduled for FY 2026.



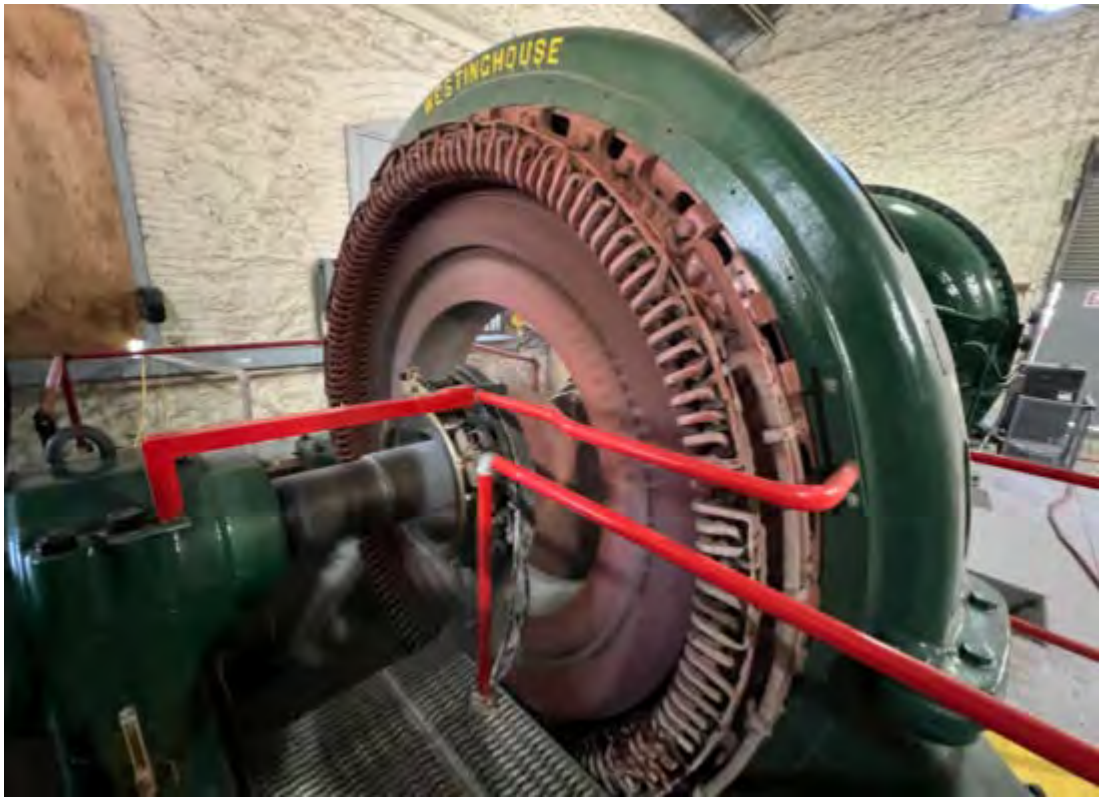
Hydroelectric Improvements
Fleish Generator Rewind

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Hydroelectric	Fleish Generator Rewind	650	—	—	—	—	650

PROJECT DESCRIPTION: The Fleish generator was last rewound in 1958 and is still operational. Generator stator windings have a typical lifespan of 50 years before degradation of the winds begins to cause increased heating and a possibility of a stator winding short circuit to occur. Rewind of the generator stator is required to improve efficiency and to match the kilowatt capacity of the turbines and conveyance system.

SCHEDULE: Improvements are scheduled for FY 2026.



Hydroelectric Improvements
Verdi Sandgate Improvements

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Hydroelectric	Verdi Sandgate Improvements	—	500	—	—	—	500

PROJECT DESCRIPTION: This project will focus on rehabilitating the Verdi Hydro Sand Gate Dam to prevent further erosion and halt the unwanted leaking of water through the dam, which currently leads to reduced productivity. In addition to addressing the erosion issues, the project will include the replacement of the rusted-out gate with a more durable and efficient system. Furthermore, access improvements will be implemented to ensure safe operation and maintenance of the dam, enhancing both functionality and personnel safety.

SCHEDULE: Improvements are scheduled for FY 2027.

Hydroelectric Improvements

Verdi Bypass Valve Improvements changes to Verdi Powerhouse Improvements

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Hydroelectric	Verdi Bypass Valve Improvements changes to Verdi Powerhouse Improvements	—	850	—	—	—	850

PROJECT DESCRIPTION: This project involves a series of essential improvements across the Verdi Powerhouse Facility. Key tasks include replacing the original bypass valve with a new motor-actuated bypass valve for enhanced control, resurfacing the deteriorated concrete tailrace to restore functionality, and repairing damaged sections of the riveted steel penstock to ensure continued safe operation and extend the facility's service life.

SCHEDULE: Replacement of the valve is scheduled for FY 2027.

Hydroelectric Improvements
Verdi Conveyance Improvements

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Hydroelectric	Verdi Conveyance Improvements	50	500	—	—	—	550

PROJECT DESCRIPTION: This project will look at improving various portions of the Verdi Hydro Canal system from the Head Gates to the Sand Gate. The existing Radial Head Gates are difficult to operate and repair, and they are old and in need of replacement. Currently there is no ability to isolate these gates for any repair or replacement. This project will evaluate options to provide isolation to be able to improve the existing gates. This project will also address the replacement of the pedestrian bridge that burned down in the most recent Verdi fire.

SCHEDULE: Improvements are scheduled to begin in FY 2026.

Hydroelectric Improvements

Washoe Plant Improvements to Washoe Hydroturbine Facility Reconstruction

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Hydroelectric	Washoe Plant Improvements to Washoe Hydroturbine Facility Reconstruction	600	2,000	5,000	5,000	2,000	14,600

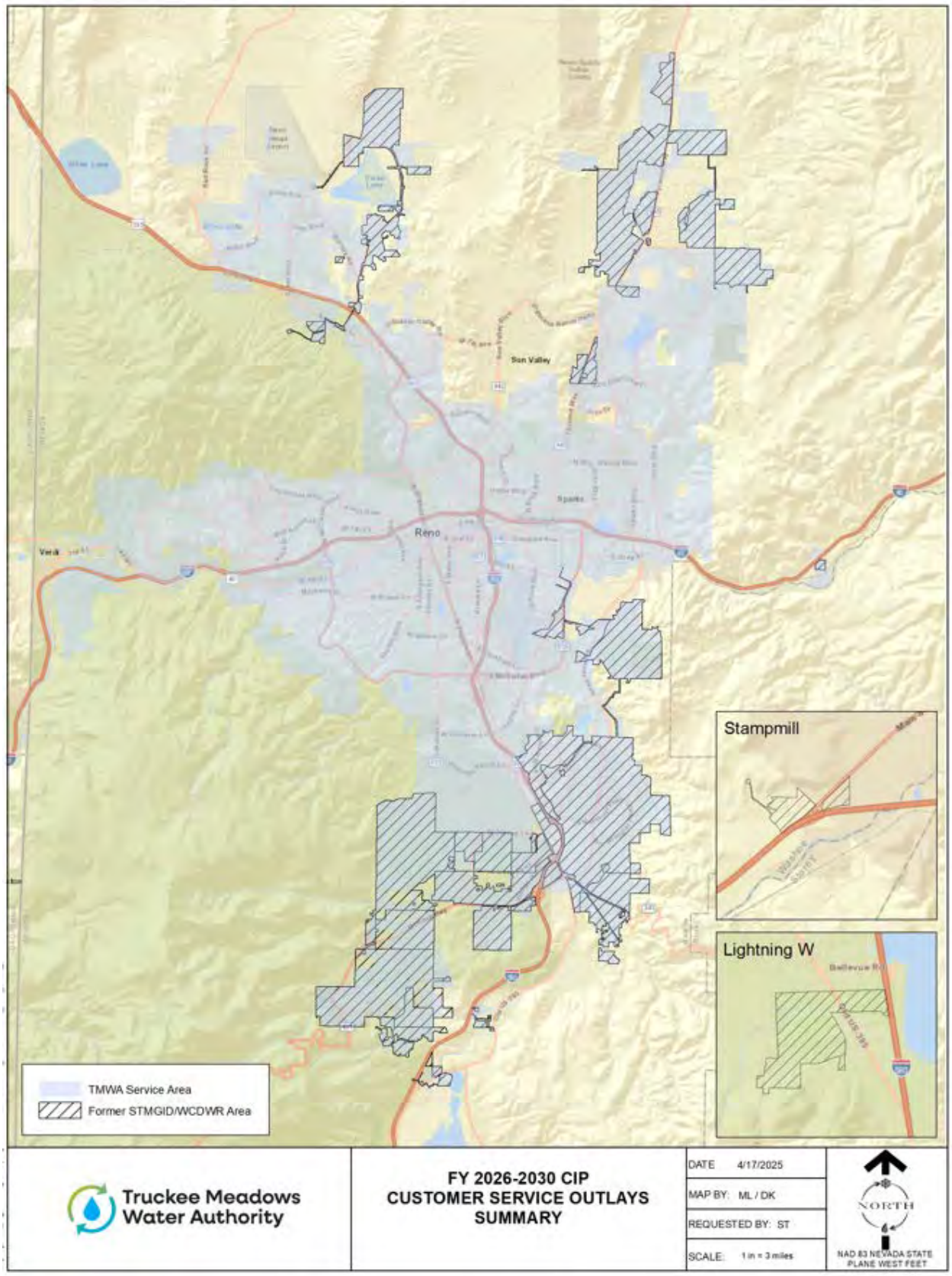
PROJECT DESCRIPTION: Following an assessment and subsequent Feasibility Analysis of the 1908 Washoe Hydroelectric Facility this project aims to replace the entire facility from the lower penstock through the tailrace. New Vertical Francis Hydroturbines will be connected to the existing penstocks. The new facility will feature state-of-the-art equipment, including new Vertical Francis Hydroturbines connected to the existing penstocks. This modernization will ensure the facility continues to provide reliable power generation for decades to come.

SCHEDULE: The project is currently in the assessment stage and is planned to move to design in FY 2026 and to construction beginning in FY 2027.

CUSTOMER SERVICE OUTLAYS
Summary

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Developer Fees	New Business Meters	100	100	100	100	100	500
3	Customer Rates	Mueller Pit Replacements former Washoe County	125	125	125	125	125	625
1	Customer Rates	Galvanized / Poly Service Line Replacements	250	250	250	250	250	1,250
1	Customer Rates	Automated Meter Infrastructure (AMI)	2,650	—	—	—	—	2,650
Subtotal Customer Service			**3,125**	**475**	**475**	**475**	**475**	**5,025**

Project Locations: Map of all *Customer Service Outlays* projects are highlighted in the following map.


Reno
Sun Valley
Verdi
Stampmill
Lightning W
TMWA Service Area
Former STMGID/WCDWR Area
Truckee Meadows Water Authority
FY 2026-2030 CIP
CUSTOMER SERVICE OUTLAYS
SUMMARY
DATE 4/17/2025
MAP BY: ML / DK
REQUESTED BY: ST
SCALE: 1 in = 3 miles
NORTH
NAD 83 NEVADA STATE PLANE WEST FEET

Customer Service Outlays
New Business Meters

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Developer Fees	New Business Meters	100	100	100	100	100	500

PROJECT DESCRIPTION: All new water services are required to be metered. Meters are purchased by TMWA and installed for new development. New business fees pay for these installations.

SCHEDULE: Dependent on the pace of development in the service territory.

Customer Service Outlays
Mueller Pit Replacements Former Washoe County

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
3	Customer Rates	Mueller Pit Replacements former Washoe County	125	125	125	125	125	625

PROJECT DESCRIPTION: The Mueller metering pits are a very high maintenance metering facility and are prone to leaks and failures. TMWA plans to replace these facilities in response to leaks and or subsidence of these facilities.

SCHEDULE: Equipment and employee needs are evaluated and updated annually**.**

Customer Service Outlays
Galvanized / Poly Service Line Replacements

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Galvanized / Poly Service Line Replacements	250	250	250	250	250	1,250

PROJECT DESCRIPTION: TMWA has shifted from just repairing service lines from the street main to the curb valve or meter box to completely replacing service lines that are galvanized steel or polybutylene. These two materials are responsible for many after-hours call outs which escalate overtime expenses to repair leaks in the street because the galvanized lines are corroded, and polybutylene once thought very durable, becomes brittle and cracks or splits very easily. Just repairing these lines does not prevent them from leaking in the near future, escalating repair costs while further damaging city streets. Complete replacement provides a permanent repair in a cost effective manner and prevents further water system losses.

SCHEDULE: This is an ongoing annual project budget. Service lines will be replaced as they are identified.

Customer Service Outlays
Automated Meter Infrastructure (AMI)

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Automated Meter Infrastructure (AMI)	2,650	—	—	—	—	2,650

PROJECT DESCRIPTION: TMWA utilizes multiple meter reading systems in which the transmitters attached to the meters send a signal out to be collected by data collectors. TMWA will be installing new meters or retrofitting existing meters with technology that will allow for remote readings. This is expected to assist in quickly identifying leaks for customers, more accurate billing, and long-term cost savings.

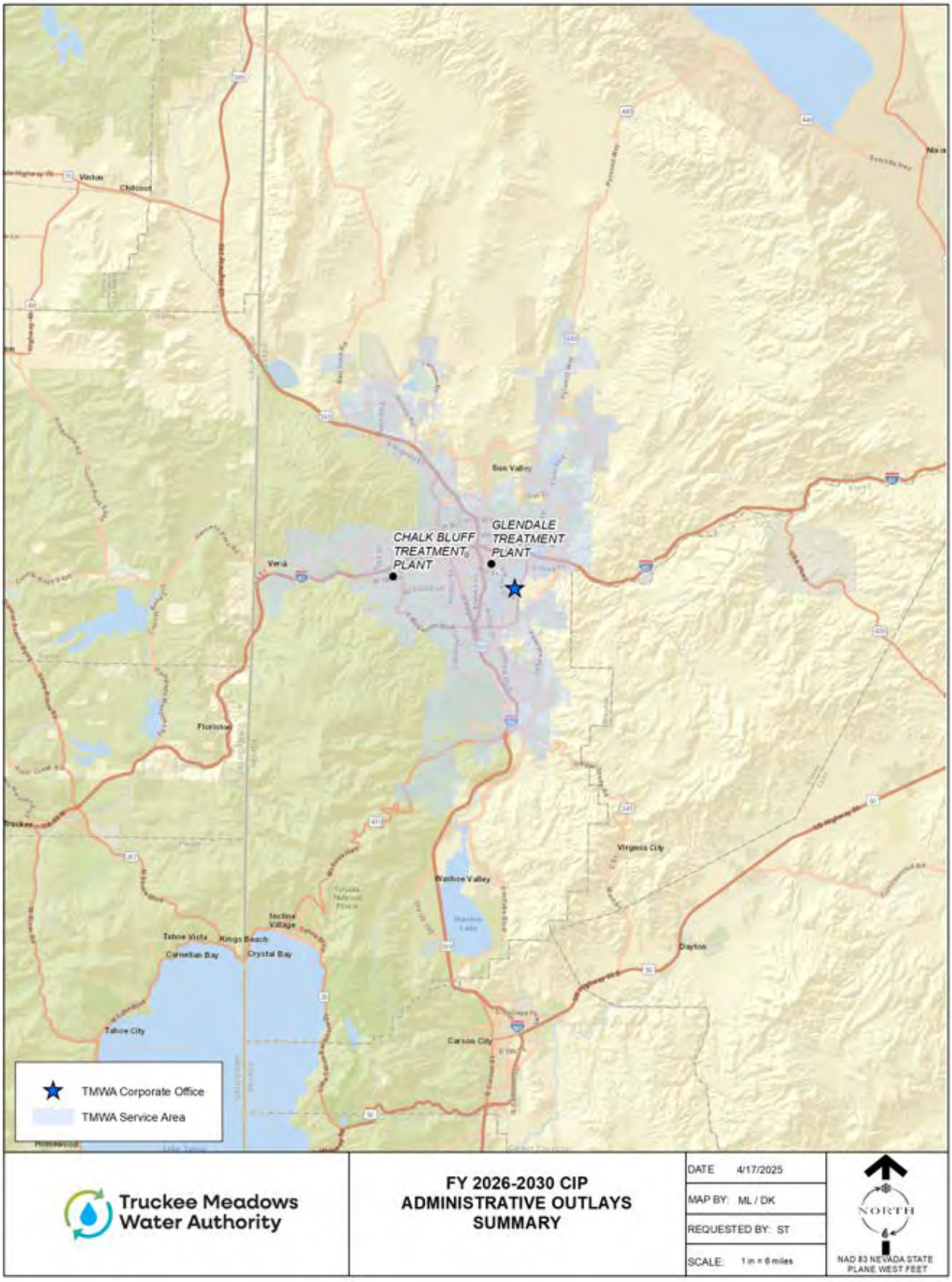
SCHEDULE: This project began in FY 2022 and is expected to be completed in FY 2026.

ADMINISTRATIVE OUTLAYS

Summary

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	GIS / GPS System Mapping Equipment	20	20	20	20	—	80
1	Customer Rates	IT Server Hardware and Equipment	20	20	—	—	—	40
1	Customer Rates	IT Network Security Upgrades	10	10	—	—	—	20
1	Customer Rates	IT Physical Access Security Upgrades	10	10	—	—	—	20
1	Customer Rates	IT Firewall Infrastructure Enhancements	110	—	—	—	—	110
1	Customer Rates	Printer / Scanner Replacement	10	10	—	—	—	20
1	Customer Rates	Crew Trucks / Vehicles	2,000	1,500	1,500	1,500	2,000	8,500
1	Customer Rates	Replacement HCM System	700	700	—	—	—	1,400
2	Customer Rates	Replacement ERP System	500	500	—	—	—	1,000
2	Customer Rates	Corporate Office Parking Rehabilitation	230	—	500	—	—	730
2	Customer Rates	Radio Redundancy Purchase	250	250	250	250	250	1,250
2	Customer Rates	Mobile Pro Security Camera Trailers	65	65	—	—	—	130
2	Customer Rates	Security Surveillance Storage Resiliency Purchase	150	—	—	—	—	150
1	Customer Rates/ Grants	Mobile Generator Purchase	1,550	—	—	—	—	1,550
2	Customer Rates	Capital Fleet Mechanics Shop	100	—	—	—	—	100
1	Customer Rates	Financial Building Retrofit	1,500	2,100	2,000	—	—	5,600
1	Customer Rates	Lab Equipment	265	—	—	—	—	265
1	Customer Rates	Glendale Office Expansion	3,500	1,000	—	—	—	4,500
2	Customer Rates	Physical Site Security Fencing Improvements	350	350	350	350	350	1,750
Subtotal Administrative Outlays			**11,340**	**6,535**	**4,620**	**2,120**	**2,600**	**27,215**

Project Locations: Map of all *Administrative Outlays* projects are highlighted in the following map.


CHALK BLUFF TREATMENT PLANT
GLENDALE TREATMENT PLANT
Verdi
Sun Valley
Floriston
Truckee
Incline Village
Tahoe Vista
Kings Beach
Carnelian Bay
Crystal Bay
Tahoe City
Washoe Valley
Virginia City
Dayton
Carson City
TMWA Corporate Office
TMWA Service Area
Truckee Meadows Water Authority
FY 2026-2030 CIP
ADMINISTRATIVE OUTLAYS
SUMMARY
DATE 4/17/2025
MAP BY: ML / DK
REQUESTED BY: ST
SCALE: 1 in = 6 miles
NORTH
NAD 83 NEVADA STATE PLANE WEST FEET

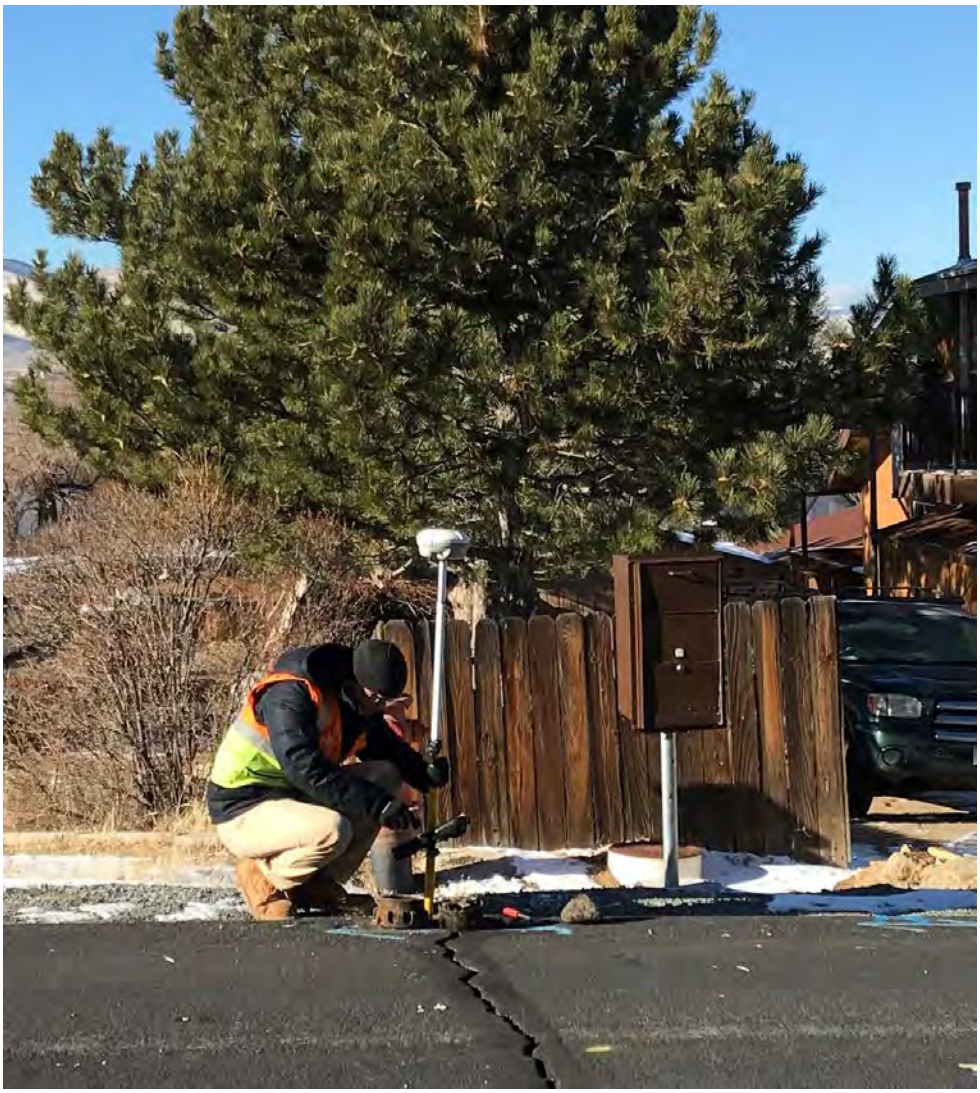
Administrative Outlays
GIS/GPS System Mapping Equipment

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	GIS / GPS System Mapping Equipment	20	20	20	20	—	80

PROJECT DESCRIPTION: TMWA will have to update mapping equipment on a periodic basis to keep up with changes in technology; and to replace existing equipment as it reaches obsolescence.

SCHEDULE: Equipment is replaced and/or purchased as needed.



Administrative Outlays
IT Server Hardware and Equipment

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	IT Server Hardware and Equipment	20	20	—	—	—	40

PROJECT DESCRIPTION: TMWA currently has over 50 physical servers and 130 virtual servers, hosting a variety of enterprise software applications that support TMWA's daily business operations. All physical servers are typically purchased with a three year warranty, with the expectation that they will reach the end of their system life cycle in a three to five year time frame, requiring a replacement. TMWA annually reviews its server platforms and can option a strategy of warranty extension, if cost effective, rather than outright hardware replacement. All servers require an Operating System Software license to run. Operating System Software is upgraded only when the current release is obsolete or a newer version offers a significant advantage over the current iteration.

SCHEDULE: Spending would be determined on an as needed basis.

Administrative Outlays
IT Network Security Upgrades

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	IT Network Security Upgrades	10	10	—	—	—	20

PROJECT DESCRIPTION: As a leading water purveyor for a major metropolitan area, TMWA is reliant on the internet for employee productivity enhancement and providing valuable customer information and outreach. Such dependency on the internet also carries a significant degree of risk, as it makes TMWA a major target for external security threats looming within globalized networks. To offset this risk and combat network threats, a variety of security specific hardware and software solutions are used, weaving them into a layered deployment strategy called Defense in Depth. In order to continually evolve and reinforce this Defense in Depth strategy and effectively fight new unforeseen threats, TMWA must continually acquire new security platforms that adapt to the continually changing security landscape.

SCHEDULE: Spending occurs only on an as needed basis**.**

Administrative Outlays
IT Physical Security Upgrades

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	IT Physical Access Security Upgrades	10	10	—	—	—	20

PROJECT DESCRIPTION: Security measures that are designed to deny unauthorized access to facilities, equipment and resources to protect personnel from damage or harm such as theft or attacks. Physical security involves the use of multiple layers of interdependent systems which can include surveillance, security guards, protective barriers, locks and other techniques.

SCHEDULE: Equipment is replaced and/or purchased as needed.

Administrative Outlays
IT Firewall Infrastructure Enhancements

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	IT Firewall Infrastructure Enhancements	110	—	—	—	—	110

PROJECT DESCRIPTION: In addition to broad network security device upgrade and replacements, TMWA must further protect its corporate network by increasing the number and the features of the installed next generation firewalls allowing for enhanced network segmentation.

SCHEDULE: Implementation is scheduled for FY 2026.

Administrative Outlays
Printer / Scanner Replacement

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Printer / Scanner Replacement	10	10	—	—	—	20

PROJECT DESCRIPTION: TMWA currently has variety of printers and scanners that support TMWA's daily business operations. All printers are typically purchased with a three-year warranty, with the expectation that they will reach the end of their system life cycle in a three to five year time frame, requiring a replacement. TMWA annually reviews its printer/scanner performance and business needs and can option a strategy of warranty extension, if cost effective, rather than outright replacement.

SCHEDULE: Equipment is replaced and/or purchased as needed.

Administrative Outlays
Crew Trucks/Vehicles

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Crew Trucks / Vehicles	2,000	1,500	1,500	1,500	2,000	8,500

PROJECT DESCRIPTION: TMWA's service fleet consists of light duty and heavy duty crew trucks. TMWA plans to cycle the light crew fleet over a period of seven to ten years. Spending is determined annually depending on vehicle availabilities and other factors. Spending only occurs if justified. TMWA's fleet cycles older vehicles to the treatment plants or other less demanding activities prior to disposal at auction.

SCHEDULE: Equipment and employee needs are evaluated and updated annually**.**

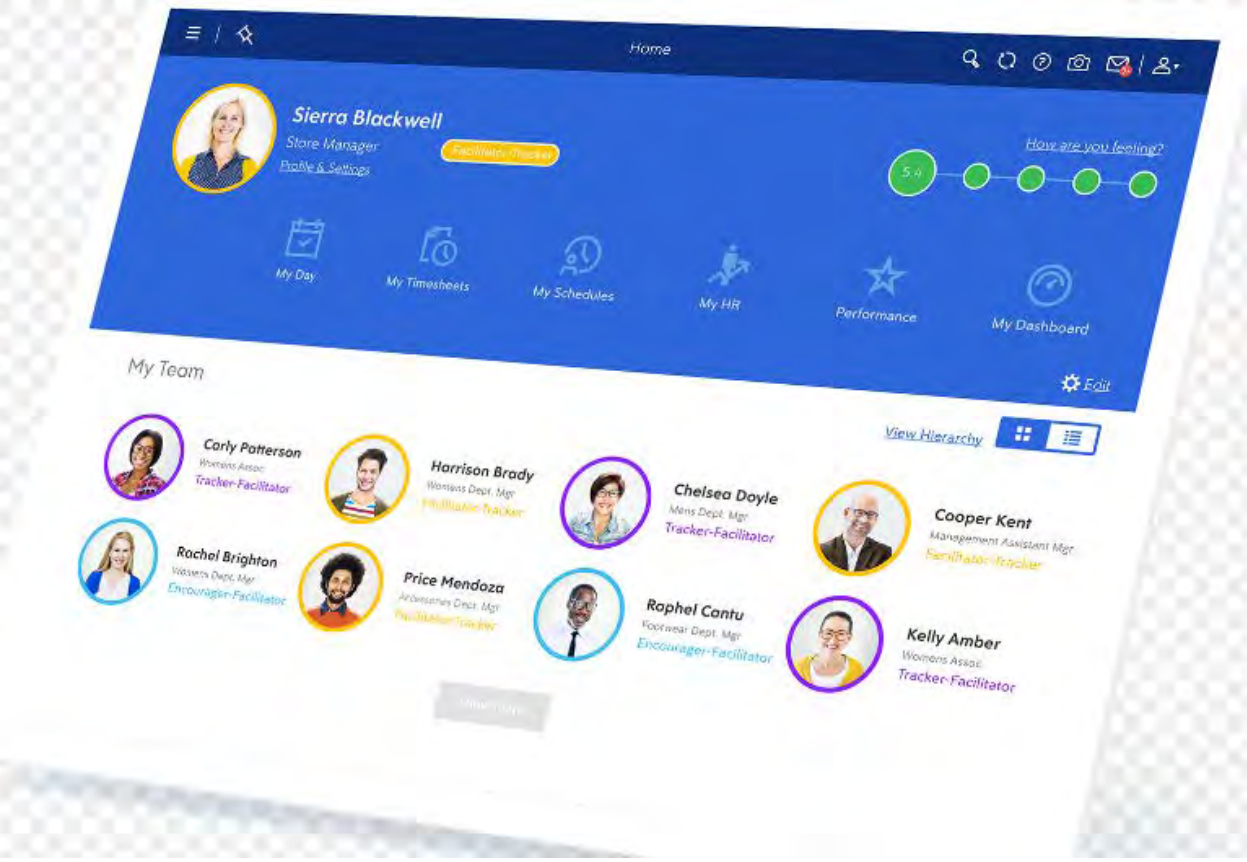
Administrative Outlays
Replacement HCM System

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Replacement HCM System	700	700	—	—	—	1,400

PROJECT DESCRIPTION: TMWA is implementing a new Human Capital Management (HCM) system. This system will be provide tools for employee timekeeping, payroll, recruiting and onboarding, and human resources.

SCHEDULE: The system is expected to be fully implemented in FY 2027.



Administrative Outlays
Replacement ERP System

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Replacement ERP System	500	500	—	—	—	1,000

PROJECT DESCRIPTION: TMWA is considering the replacement of its existing ERP/ Financial system. The determination will be made in FY 2026 whether to move forward with replacement.

SCHEDULE: The system is expected to be fully implemented in FY 2027.

Administrative Outlays
Corporate Office Parking Rehabilitation

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Corporate Office Parking Rehabilitation	230	—	500	—	—	730

PROJECT DESCRIPTION: TMWA's corporate office site is in need of rehab and improvements which include an expansion of the front parking area, pavement replacement, LED pole lights, additional security measures, etc. These upgrades will improve functionality, safety, and overall site aesthetics.

SCHEDULE: The front parking expansion is phase 1 anticipated to take place in FY 2026 and the remainder of the improvements to take place in FY 2028.

Administrative Outlays
Radio Redundancy Purchase

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Radio Redundancy Purchase	250	250	250	250	250	1,250

PROJECT DESCRIPTION: To address a single point of failure within the communications infrastructure of TMWA's SCADA (Supervisory Control and Data Acquisition) network for key distribution locations that have been identified as critical by the Operations Department. In the event of a primary communication failure, this secondary communication path that this project would bring to fruition, would allow TMWA operations to maintain "visibility" into the distribution system thru those key sites.

SCHEDULE: Improvements will be spent over the next five years and possibly thereafter.

Administrative Outlays
Mobile Pro Security Camera Trailers

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Mobile Pro Security Camera Trailers	65	65	—	—	—	130

PROJECT DESCRIPTION: Physical site security will be greatly improved by the utilization of mobile surveillance trailers at sensitive locations without surveillance cameras. Locations that will benefit from this include new job sites, tank and well rehabs, areas used for equipment storage, and any locations experiencing an increased amount of unwanted activity. Priorities for this project include the acquisition of two mobile surveillance trailers to support the numerous projects and meet operational needs that require the flexibility of a portable camera trailer.

SCHEDULE: Trailers are scheduled to be purchased in FY 2026 and FY 2027.

Administrative Outlays
Security Surveillance Storage Resiliency Purchase

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Security Surveillance Storage Resiliency Purchase	150	—	—	—	—	150

PROJECT DESCRIPTION: This project is focused on improving physical security surveillance storage of archived video from cameras across all TMWA facilities. The addition of dedicated video archivers at each of our primary staffed locations (Capital, HQ2, Chalk Bluff, Glendale, Longley, and Mt. Rose) will better support the maintenance of 24/7 video archives for 30 days. It will also provide a much needed backup to the primary archivers and serve in a failover role when service to Capital is lost.

SCHEDULE: Archivers are expected to be purchased and installed in FY 2026.

Administrative Outlays
Mobile Generator Purchase

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates/Grants	Mobile Generator Purchase	1,550	—	—	—	—	1,550

PROJECT DESCRIPTION: As part of TMWA's response to the increasing threat of wildfires and mitigating NV Energy power outages, critical pumping facilities have been identified that require standby generators. Mobile generators are being utilized to be able to deploy at several locations that do not currently have permanent back up generators. Sizing the generators will allow use along a broad range of pump stations and their electrical demands.

SCHEDULE: Generators are scheduled to be purchased in FY 2026.

Administrative Outlays
Capital Fleet Mechanics Shop

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Capital Fleet Mechanics Shop	100	—	—	—	—	100

PROJECT DESCRIPTION: As TMWA continues to grow, so too does their fleet. Due to this growth, TMWA is evaluating the needs and capability of maintaining fleet vehicles in-house. Based on the results of the evaluation TMWA will determine what needs a maintenance shop would have and how it should be equipped. After evaluation and approval of a fleet maintenance strategy, TMWA will move forward with designing and constructing a new mechanics shop.

SCHEDULE: Design for a new mechanics shop will begin in FY 2026.

Administrative Outlays
Financial Building Retrofit

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Financial Building Retrofit	1,500	2,100	2,000	—	—	5,600

PROJECT DESCRIPTION: TMWA has acquired a new 40,000 square foot industrial building adjacent to the corporate facility to accommodate growing staff needs. Tenant improvements are underway, with plans to move staff into the space by early FY 2026. TMWA has engaged an architect to develop spatial planning based on current requirements, with future phases of tenant improvements to follow as the organization continues to grow. Additionally, TMWA intends to pursue the closure of a bisecting street to create a cohesive campus environment. This campus layout is expected to enhance interdepartmental communication and overall staff productivity.

SCHEDULE: This project is underway and anticipated to be complete in FY 2028.

Administrative Outlays
Lab Equipment

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Lab Equipment	265	—	—	—	—	265

PROJECT DESCRIPTION: This project is to purchase and ICP-MS instrument and two VOC refrigerators. The ICP-MS is used to detect, identify and quantify metals in our drinking water samples. The autosampler is an essential component to the ICP-MS system as it automatically draws a specific aliquot of sample to be injected into the ICP-MS for analysis.

The two VOCs (volatile organic compounds) refrigerators are used to store VOCs and haloacetic acid (HAAs) samples and preserve them at low temperatures to prevent degradation of analytes. The sample storage fridge is used to store all other chemistry samples and preserve them at a low temperature range.

SCHEDULE: The equipment is scheduled to be purchased in FY 2026.

Administrative Outlays
Glendale Office Expansion

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
1	Customer Rates	Glendale Office Expansion	3,500	1,000	—	—	—	4,500

PROJECT DESCRIPTION: This project involves the construction of a new two-story office and maintenance facility adjacent to the existing administration building at the Glendale Water Treatment Facility. The new building will support the growing needs of TMWA's operations and maintenance staff by providing expanded office space, open cubicle areas, and a dedicated maintenance shop on the first floor. This facility will improve working conditions, enhance operational efficiency, and accommodate future staff growth.

SCHEDULE: Design is well underway and Construction is scheduled to be completed in FY 2027.

Administrative Outlays
Physical Site Security Fencing Improvements

FUNDING TIMELINE:

Priority	Funding Source	Description	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	CIP Total
2	Customer Rates	Physical Site Security Fencing Improvements	350	350	350	350	350	1,750

PROJECT DESCRIPTION: Physical site security fencing improvements for TMWA critical infrastructure facilities based on recommendations from previous Department of Homeland Security (DHS) Vulnerability Assessments. This multi-year fencing improvement project will have a heavy focus on bringing site perimeter fencing up to DHS minimum standards at all TMWA facilities and improving access control at our facility main gates. Additional priorities for this project include the addition of outriggers with barbed wire and/ or razor wire where it is deemed appropriate in order to secure our site against trespassing and other criminal activity.

SCHEDULE: Improvements will continue annually.