



Council Study Session

March 20, 2023

Agenda Item	Capital Improvement Plan 2023-2025 Focus and 2023-2029 Overview	
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Item Type	Requested by Council <input type="checkbox"/> Update <input type="checkbox"/> Request for Direction <input checked="" type="checkbox"/> Presentation <input checked="" type="checkbox"/>	

SUMMARY

Before the Council is a presentation of the 2/6-Year Capital Improvements Program (CIP) for years 2023-2029. The CIP is based upon each enterprise fund's master plans, facility plans, and operational requirements of the departments or divisions. The focus of this staff report is on the two-year project period that will be part of the 2023-2025 Biennium Budget process with a request for appropriations as outlined for fiscal years 2024 and 2025.

POLICIES, PLANS & GOALS SUPPORTED

City Council Goals:

Essential Services

- Electric
- Sewer
- Streets
- Water
- Stormwater
- Parks Maintenance

Value Services

Emergency Preparedness
 Address Climate Change
 Multi-modal Transportation
 All-Age Friendly Community
 Water Conservation

CEAP Goals:

Address Climate Change by helping to reduce Ashland's greenhouse gas emissions and to prepare the city's communities, systems, and resources to be more resilient to climate change impacts.

Department Goals:

- Maintain existing infrastructure to meet regulatory requirements and minimize life-cycle costs
- Deliver timely life cycle capital improvement projects
- Maintain and improve infrastructure that enhances the economic vitality of the community
- Evaluate all city infrastructure regarding planning management and financial resources





Council Study Session

BACKGROUND AND ADDITIONAL INFORMATION

The CIP is a living and evolving document that is built upon a foundation of master planning. The CIP requires biennial updates based on updated master plans, changes in need or prioritization, changes in funding mechanisms and changes to goals or policy directions.

The City distinguishes capital projects from general maintenance items. Capital projects are typically for new construction, expansion, major renovations, replacements, or projects that substantially increase the life of an asset. Many projects are multi-year, beginning with planning, design then construction. Some have multiple funding sources including grants and debt service instruments that are paid back through user fees from each specific enterprise fund.

Master plans or similar planning documents ensure the corresponding utilities and enterprise funds can accommodate growth and keep infrastructure systems fully operational and meet regulatory requirements. Master plans enable a long-term plan to be developed and strengthen the intent to present the most responsible infrastructure improvement costs. Master plans assess the existing systems, establish level of service goals, review future demand, develop a plan for capital improvements, operations, and ultimately propose a financial plan with associated rate structure and other financial guidance to enable adherence to the plan. Typically, master plans are reviewed and updated every 7-10 years depending upon the system changes and should be evaluated at every two-year budget cycle to verify priorities and make necessary changes. Updates on this frequency ensure inclusion of Council goals, new ordinances, changes in the procedures and development of our community, as well as technology advances.

During the last CIP development for the 2021-2023 Budget, staff added columns to the CIP spreadsheet document to provide additional information regarding project need. These columns include:

1. Regulatory - infrastructure is due to be upgraded or replaced to ensure regulatory compliance
2. Capacity - infrastructure is deficient in projected capacity needs and upgrades needed to provide for capacity requirements
3. Deficiency - infrastructure is deficient in some manner and correlates with meeting capacity requirements or just a lack of infrastructure in place (example-sidewalk gaps)
4. Life Cycle - infrastructure is at the end of its useful life and due for replacement

Each project within the two (2) year CIP will have an individualized project narrative and budget breakdown developed. This will be incorporated into the full CIP Book brought forward for formal adoption at a future Council Business Meeting. The CIP book will also contain the six (6) year look ahead and the long term, twenty (20) year project list. This format is similar to what was presented and adopted by the Council previously ([2022-2040 CIP Book](#)). The final adopted CIP and book will be posted on the website and the CIP dashboard will also be updated to reference the new CIP. ([CIP Storybook](#)).

Transportation Network:

The focus of the Transportation CIP are roadway rehabilitation projects and improving the Pavement Condition Index (PCI) rating. The City has a goal of maintaining all roadways at a 70 PCI rating or better. Reference figure 1 below for a visual representation of PCI's. In addition, there is a focus on the roadway

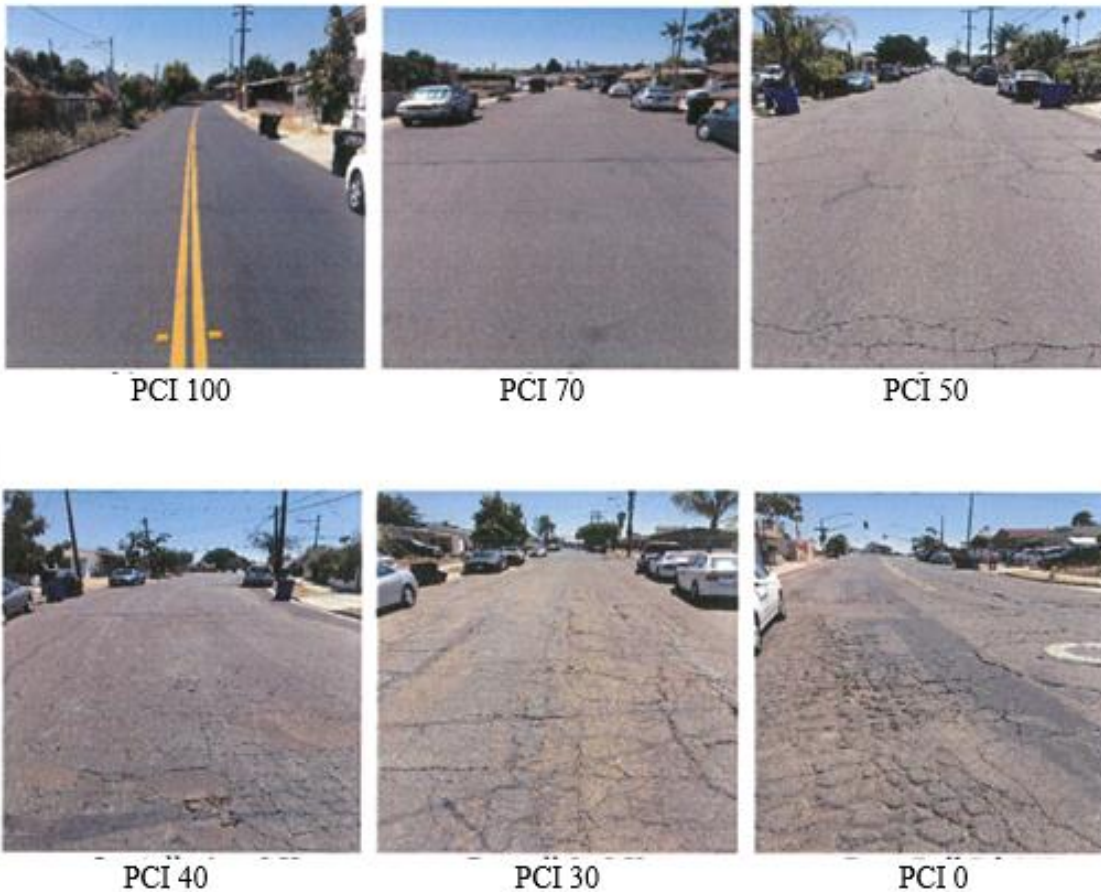


Council Study Session

rehabilitation projects to include buffered or protected bike lane facilities to promote an improved multimodal transportation network meeting the current Transportation System Plan Goals. The Ashland Street rehabilitation project slated for construction in 2023 has upgraded the design to include a protected bike lane. The design engineers will also be looking at this option for the Mountain Avenue project and for the future Oak Street Rehabilitation project. During the design process for the major rehabilitation projects traffic calming and pedestrian safety improvements will be prioritized for inclusion as well as potential bike facility improvements.

Staff expects to begin the Transportation System Plan Update in 2024 and this will help develop and drive future project priorities for the community. Per the code, the City's Transportation Committee has reviewed the Transportation Network CIP and recommended Council approve as presented.

Figure 1: Pavement Condition Index



Roadway:

1. Hardesty Site Development & Equipment Storage **(In progress)**
 - a. Relocate metal building from B Street Yard to Hardesty Property
 - b. Construct new metal equipment storage building on Hardesty Property
2. Chip Seal





Council Study Session

- a. Chip seal dirt roadways within the City to reduce particulate matter
3. Clay Street
 - a. Construct new roadway along middle Clay Street (sidewalk, curb/gutter, pavement, etc.)

Reconstructions*:

1. Ashland Street Reconstruction **(In progress)**
 - a. Roadway reconstruction, ADA improvements, crossing improvements, traffic calming and bike facility improvements
2. North Mountain Avenue Reconstruction **(In progress)**
 - a. Roadway reconstruction, ADA improvements, crossing improvements, traffic calming and bike facility improvements
3. Oak Street Reconstruction
 - a. Roadway reconstruction, ADA improvements, crossing improvements, traffic calming and bike facility improvements

**Note: The roadway reconstruction projects are supported by the allocation of Franchise Fees within the budget. This allocation is meant to cover debt service requirements for each rehabilitation project scheduled.*

Sidewalk/Pedestrian:

1. Beaver Slide
 - a. Remove vehicular access and create bicycle and pedestrian pathway to the Water Street connection
 - b. Coordinate with the Oregon Department of Transportation with signalization project at East Main Street and Water Street

Bicycle:

1. B Street Bicycle Boulevard
 - a. Create a bicycle boulevard system along B Street with signage and striping improvements with potential speed limit reductions
2. Eighth Street Bicycle Boulevard
 - a. Create a bicycle boulevard system along Eighth Street with signage and striping improvements with potential speed limit reductions

Wastewater System:

The focus of wastewater CIP projects are to meet DEQ NPDES regulatory requirements while performing major life cycle replacement upgrades. Also as outlined in the Wastewater Collection System Master Plan, staff expects to continue with inflow/infiltration (I/I) source analysis in order to develop projects that reduce I/I.

Wastewater Treatment Projects:

1. Water Quality Trading **(In progress)** (Regulatory)
 - a. Riparian Restoration to meet NDPS Thermal Load Limits



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2. UV System Upgrades (**In progress**) (*Regulatory, Capacity, Life Cycle*)
 - a. Life Cycle replacement of the current UV system that also increases capacity
3. Membrane Replacement (*Regulatory, Capacity, Life Cycle*)
 - a. Life Cycle replacement of two membrane trains
4. Headworks Improvements (*Regulatory, Deficiency, Life Cycle*)
 - a. Upgrades to the treatment plant headworks
5. Harmonics/Telemetry (*Regulatory, Deficiency*)
 - a. Electrical improvements to reduce harmonics
6. Secondary Clarifier (*Regulatory, Capacity, Deficiency, Life Cycle*)
 - a. Upgrades to clarifier to increase capacity and improve clarification process

Wastewater Collections Projects:

1. Hardesty Site Development & Equipment Storage (**In progress**)
 - a. Relocate metal building from B Street Yard to Hardesty Property
 - b. Construct new metal equipment storage building on Hardesty Property
2. In house pipeline replacements (*Regulatory, Capacity, Deficiency, Life Cycle*)
 - a. Life cycle and capacity pipe replacements done by City forces
3. Trenchless Linings (*Regulatory, Deficiency, Life Cycle*)
 - a. Cured in place lining for collection system lines not easily accessible for standard replacements
4. Inflow and Infiltration Reduction Program (*Regulatory, Capacity, Deficiency*)
 - a. Investigate and develop small maintenance projects to reduce I/I
5. Bear Creek Interceptor (*Regulatory, Capacity, Deficiency*)
 - a. Upsize existing interceptor line to accommodate growth

Water System:

The focus of the water CIP projects are to support major maintenance and life cycle replacement of distribution system lines, TAP system improvements, safety improvements to Hosler Dam and development of the new 7.0 MGD Water Treatment Plant. The projects are meant to reduce risk and increase resiliency for the City's water system.

Water Supply:

1. Dam Safety Improvements (**In progress**) (*Regulatory, Deficiency*)
 - a. Raising the left and right hand side parapet wall to convey the potential maximum flood along with other maintenance improvements to Hosler Dam
2. East and West Fork Transmission Line Rehabilitation (**In progress**) (*Deficiency, Life Cycle*)
 - a. Replacement of approximately 1800' of steel transmission line connecting the east and west forks of Ashland Creek to the raw water line
3. 7.0 MGD Water Treatment Plant (**In progress**) (*Capacity, Deficiency, Life Cycle*)
 - a. Construction and construction administration of a new 7.0 MGD water treatment plant facility

Water – Pump Station

1. TAP Booster Pump Station Generator (**In progress**) (*Capacity, Deficiency*)



Council Study Session

- a. Install a backup power generator

Water – Pipeline Improvements

1. Annual Pipeline Replacement (*Regulatory, Capacity, Deficiency, Life Cycle*)
 - a. Replacement of aging or maintenance heavy distribution mainlines by City forces
2. Distribution Pipe Projects (*Regulatory, Capacity, Deficiency, Life Cycle*)
 - a. Replacement of aging or maintenance have distribution mainlines by contracted forces

Water – Operations and Maintenance

1. Telemetry Upgrades (*Deficiency, Life Cycle*)
 - a. Improvements to communications between the water treatment plant and distribution system reservoirs and pump stations

TAP – Supply Improvements

1. Non-peak/emergency Supply Connection from Ashland to Talent & Phoenix
 - a. Provide a pressure regulated bypass connection around the City's TAP booster pump station to provide water during non-peak and emergency periods to Talent and Phoenix.

TAP – Booster Pump Station Improvements (BPS)

1. Regional BPS Short Term Expansion (**In progress**) (*Capacity, Deficiency*)
 - a. Increase pumping capacity of the regional booster station for the TAP group
2. Regional BPS Programming Updates (**In progress**) (*Deficiency*)
 - a. Improve telemetry between the regional BPS and the TAP group
3. Talent BPS Generator (**In progress**) (*Capacity*)
 - a. Install a backup power generator for the Talent BPS
4. Talent BPS Expansion (**In progress**) (*Capacity, Deficiency*)
 - a. Increase pumping capacity of the Talent BPS to meet future demand needs including the City of Ashland's demands
5. Talent BPS Seismic Upgrades (**In progress**)
 - a. Structural upgrades to BPS to meet seismic loading conditions

TAP – Pipeline Improvements

1. 24" Pipeline Seismic Upgrades (*Deficiency*)
 - a. Seismic upgrades to a 24" transmission line supply TAP group

Storm Drainage System:

The focus of storm CIP projects are to reduce flooding and improve capacity within the system. The storm drain system is regulated by DEQ under the City's issued MS4 permit.

1. Hardesty Site Development & Equipment Storage (**In progress**)
 - a. Relocate metal building from B Street Yard to Hardesty Property
 - b. Construct new metal equipment storage building on Hardesty Property



Council Study Session

2. Stormwater Trenchless Pipe Lining
 - a. Cured in place lining for collection system lines not easily accessible for standard replacements
3. North Mountain Avenue Drainage Improvements (**In progress**)
 - a. Improvements to the conveyance and detention of storm water on N. Mountain Avenue in conjunction with the roadway rehabilitation project
4. Siskiyou Boulevard
 - a. Improvements to reduce flooding at the intersection of Siskiyou Boulevard and University Way
5. East Main Street
 - a. Improvements to reduce flooding at the intersection of East Main Street and Emerick Street

Airport:

The focus of airport CIP projects are grant funded pavement rehabilitation improvements and an apron expansion to support future hangar development.

1. Taxiway Rehabilitation (**In progress**) (*Deficiency, Life Cycle*)
 - a. Construction phase for rehabilitation of the Airport Taxiway
2. North Apron Expansion (*Deficiency*)
 - a. Design and Environmental review to expand existing apron for future hangar construction

Facilities:

The focus of the facilities CIP projects is performing major building rehabilitations and maintenance along with starting the Facility Optimization and Master Plan process.

1. City Facility Upgrades and Maintenance (*Regulatory, Deficiency, Life Cycle*)
 - a. Maintenance projects associated with City facilities including HVAC replacements, roof replacements, major maintenance improvements
2. City Facilities Optimization Plan & Program (*Regulatory, Deficiency, Life Cycle*)
 - a. Develop an updated City Facilities Plan and associated prioritized improvement structure. Incorporate formal assessments into City's asset management database
3. Briscoe School Improvements (*Deficiency, Life Cycle*)
 - a. Roofing, flooring, asbestos removal and HVAC improvements to Briscoe School in support of Oregon Childhood Development Coalition program
4. Community Center and Pioneer Hall Rehabilitation (*Regulatory, Deficiency, Life Cycle*)
 - a. Structural and ADA Improvements to each facility

STUDIES:

In addition to major capital investment as mentioned above, studies assist in developing programmatic needs moving forward and there are several studies in the six-year outlook that have been identified. Studies include:

1. **Water Conservation and Management Plan (In-progress)**: The Oregon Health Authority requirement for updating the existing Water Conservation and Management Plan. The update to this plan will also include a refreshed look at climate modeling and its effect on the City's water supply options.



Council Study Session

2. **Transportation System Plan Update:** The TSP update was planned for the current biennium but due to changes in the Transportation Planning Rule and available funding through the Oregon Department of Transportation, the study was postponed to the 2023–2025 Biennium.
3. **Citywide Facility and Optimization Plan:** The Facility Plan will update space needs and programming for staff facilities with a focus on optimizing the organizational structure to satisfy customer service and public meeting requirements will also providing flexibility for staffing operational changes based on the potential for increased telecommuting by staff. The plan will recommend projects to be implemented in the City Facility Optimization Program.
4. **FERC Part 12 Comprehensive Assessment (CA) (In-progress):** The CA is a Code of Federal regulations requirements for owners and operators of hydroelectric projects licensed under the Federal Energy Regulatory Commission.
5. **Wastewater Treatment Plant Flow Augmentation – NPDES Permit (In-progress):** The feasibility study will analyze the effect and impacts of potential cold-water release from Reeder Reservoir in fall in order to meet thermal load limits within the Department of Environmental Quality – National Pollution Discharge Elimination System Permit.

FISCAL IMPACTS

Each Department and associated fund must account for the costs of improvements and major maintenance items. Funding for projects comes from a variety of sources, including user fees/rates, grants, gas taxes and system development charges (SDC). Large scale capital and maintenance projects often require a debt instrument to cover total cost and the debt is paid using fees and rates over the loan period. Loan periods can range anywhere from five (5) to thirty-five (35) years. Loans can be traditional bank borrowing, or bonds issued by the City.

Cost estimates developed in the CIP document generally start with a planning level opinion of cost developed during the master plan process. These costs are always established with a base year and not inflated to coincide with a prioritized project year. These initial opinions of cost can have a wide range of error associated with them. These opinions of costs are refined through the preliminary and final engineering stages of project development. Staff does try to add a general inflationary index increase to the planning level opinions of cost during development of the biennial CIP document and updates costs of projects currently in a design phase appropriately.



Council Study Session

Table 1: Cost Estimating Class Levels

ESTIMATE CLASS	<i>Primary Characteristic</i>	<i>Secondary Characteristic</i>		
	MATURITY LEVEL OF PROJECT DEFINITION DELIVERABLES Expressed as % of complete definition	END USAGE Typical purpose of estimate	METHODOLOGY Typical estimating method	EXPECTED ACCURACY RANGE Typical variation in low and high ranges at an 80% confidence interval
Class 5	0% to 2%	Functional area, or concept screening	SF or m ² factoring, parametric models, judgment, or analogy	L: -20% to -30% H: +30% to +50%
Class 4	1% to 15%	or Schematic design or concept study	Parametric models, assembly driven models	L: -10% to -20% H: +20% to +30%
Class 3	10% to 40%	Design development, budget authorization, feasibility	Semi-detailed unit costs with assembly level line items	L: -5% to -15% H: +10% to +20%
Class 2	30% to 75%	Control or bid/tender, semi-detailed	Detailed unit cost with forced detailed take-off	L: -5% to -10% H: +5% to +15%
Class 1	65% to 100%	Check estimate or pre bid/tender, change order	Detailed unit cost with detailed take-off	L: -3% to -5% H: +3% to +10%

Generally, each individual project listed in the CIP document will require numerous independent Council actions including, approval of grants and debt service instruments, approval of feasibility studies, preliminary engineering, final engineering and finally construction contracts. At each level of approval by Council generally cost estimates are refined as part of the project development process and additional information/justification is provided.

For the enterprise funds that utilize user fees/rates to support operations, maintenance and capital projects, staff coordinates with a financial advisor to develop or update rate studies. The rate study accounts for personal and material costs, existing debt payments, financial policy requirements and expected capital needs for the two (2) and six (6) year periods associated with the CIP. The rates recommended by the study provide the ability to cover all projected costs within each fund, specifically for the two-year budgeted period. Once the CIP document is approved, staff will coordinate with a consultant financial advisor to update previous rate studies for the water and wastewater systems and bring that information back to Council for consideration.

As part of the rate analysis, specifically for water rates, staff will be looking at changing the commodity charge structure. This will include “loading” rate increases into the higher commodity charge tiers and less of the rate into the base/meter portion of the structure. Staff has also been working on review of the existing senior utility discount program offered by the City and will have recommendations for improvement at a future meeting when the rates are discussed.

In addition, at the October 4, 2022, business Meeting the Council discussed a methodology to develop a platform for quantifying “affordability” when making rate-based policy decisions. The discussion involved development of a baseline percentage of commonly accepted budgeting of 6-10% for monthly utility bills (water, storm, wastewater, streets, AFN and gas). A basic level analysis of this affordability analysis has been





Council Study Session

done associated with previous rate studies (water and wastewater) and staff will work to develop a comprehensive look at total utility costs for the rate presentation and discussion.

Table 2: Water Rate Affordability from 2019 Rate Analysis
Impact of Rates on Household Affordability

Item	Monthly
Ashland Median Household Income [1]	\$4,210
CURRENT Water Bill 3/4" using 1,000 cu. ft.	\$59.36
Water Bill as % of Ashland MHI	1.41%
2019-20 Water Bill 3/4" using 1,000 cu. Ft.	\$61.73
Water Bill as % of Ashland MHI	1.47%
Water Rates @ 2.0% of MHI [2]	\$84.20

Source: US Census.

[1] 2017 5-year American Community Survey estimate.

[2] Per EPA guidelines a typical water bill greater than 2% is high and a typical water bill greater than 2.5% is burdensome.

DISCUSSION QUESTIONS

Does the Council have any questions regarding the CIP project list and associated priorities for the two-year period?

SUGGESTED NEXT STEPS

Next steps include finalizing the draft two (2) year narrative document and associated two (2), six (6) and twenty (20) year spreadsheet breakdowns. The adoption of the CIP for the 2/6/20 year periods will be brought forward to Council at a future Business Meeting. The two-year adopted CIP will be part of the budget input for the 2023-2025 Biennium budget process with a request for appropriations.

REFERENCES & ATTACHMENTS

Attachment #1: Capital Improvement Plan Spreadsheets – Two (2) year project list

Attachment #2: Capital Improvement Plan Spreadsheets – Six (6) year project list

Links:

Transportation System Plan (TSP) – 2013 ([link](#))

Transit Feasibility Completed March 2019

Comprehensive Water Master Plan – 2020 ([link](#))

Water Management and Conservation Plan – 2013 ([link](#)) updated by staff March 2019

TAP Master Plan 2020 – ([link](#))

Comprehensive Sanitary Sewer Master Plan – 2012 ([link](#))

Wastewater Treatment Plant Facilities Assessment– 2018 ([link](#))

Wastewater Collection System Master Plan – 2022 ([Link](#))

Storm Water and Drainage Master Plan – 2020 ([Link](#))

Airport Master Plan & Layout Plan (ALP) – 2020 ([link](#))

Facilities – 2008 Master Plan ([link](#))

Electric Department 10 Year Planning Study ([link](#))



Capital Improvements Plan 2024-2029 Construction Years		Regulatory Capacity Deficiency Life Cycle				Project Totals FY24-FY25					
Project Description						FY24	FY25	Project Totals	Street SDC	Other (grants)	Fees & Rates (debt)
Roadway											
Hardesty Site Development & Equipment Storage						\$ 780,440	\$ -	\$ 780,440	\$ -	\$ -	\$ 780,440
City Wide Chip Seal Project						\$ -	\$ 255,000	\$ 255,000	\$ -	\$ 255,000	\$ -
Clay Street - Faith Avenue to Siskiyou Boulevard (STBG/CMAQ)						\$ 579,754	\$ 1,000,000	\$ 1,579,754	\$ -	\$ 6,981,195	\$ 209,022
Subtotal Roadway						\$ 1,360,194	\$ 1,255,000	\$ 2,615,194	\$ -	\$ 7,236,195	\$ 989,462
Street Overlays/Reconstructions											
Ashland St - Siskiyou Blvd to Faith St						\$ 2,500,000	\$ -	\$ 2,500,000	\$ -	\$ -	\$ 2,500,000
N Mountain Ave - I-5 Overpass to E Main St						\$ 5,000,000	\$ 5,500,000	\$ 10,500,000	\$ -	\$ -	\$ 10,500,000
Oak St - City Limits to E Main St						\$ -	\$ 1,000,000	\$ 1,000,000	\$ -	\$ -	\$ 1,000,000
Subtotal Street Improvements/Overlays						\$ 7,500,000	\$ 6,500,000	\$ 14,000,000	\$ -	\$ -	\$ 14,000,000
Sidewalk/Pedestrian											
Beaver Slide - Water Street to Lithia Way						\$ -	\$ 285,000	\$ 285,000	\$ 276,792	\$ -	\$ 8,208
Subtotal Sidewalk/Pedestrian						\$ -	\$ 285,000	\$ 285,000	\$ 276,792	\$ -	\$ 8,208
Bicycle											
B Street Bicycle Boulevard - From Oak Street to N Mountain Avenue						\$ 50,000	\$ 75,000	\$ 125,000	\$ 42,375	\$ 12,500	\$ 70,125
8th Street Bicycle Boulevard - A Street to E Main Street						\$ -	\$ 35,000	\$ 35,000	\$ 11,865	\$ 3,500	\$ 19,635
Subtotal Bicycle						\$ 50,000	\$ 110,000	\$ 160,000	\$ 54,240	\$ 16,000	\$ 89,760
TRANSPORTATION						\$ 8,910,194	\$ 8,150,000	\$ 17,060,194	\$ 331,032	\$ 7,252,195	\$ 15,087,430

Capital Improvements Plan 2024-2029 Construction Years		Regulatory	Capacity	Deficiency	Life Cycle	Project Totals FY24-FY25					
Project Description											
Water - Supply Improvements						FY24	FY25	Project Totals	Water SDC	Other (grants)	Fees & Rates (debt)
Dam Safety Improvements		X		X		\$ 3,312,804	\$ 3,312,804	\$ 6,625,608	\$ 1,656,402	\$ -	\$ 4,969,206
East & West Fork Transmission Line Rehabilitation				X	X	\$ 2,300,000	\$ -	\$ 2,300,000	\$ 1,725,000	\$ -	\$ 575,000
7.0 MGD Water Treatment Plant				X	X	\$ 4,306,922	\$ 41,148,100	\$ 45,455,022	\$ 4,545,502	\$ -	\$ 40,909,520
7.0 MGD Water Treatment Plant Construction Administration			X	X	X	\$ 512,357	\$ 4,895,027	\$ 5,407,384	\$ 540,738	\$ 1	\$ 4,866,645
Subtotal Water - Supply Improvements						\$ 9,919,726	\$ 44,460,904	\$ 59,788,014	\$ 8,467,643	\$ -	\$ 51,320,370
Water - Pump Station Improvements						FY24	FY25	Project Totals	Water SDC	Other (grants)	Fees & Rates (debt)
TAP BPS Backup Power			X	X		\$ 417,000	\$ -	\$ 417,000	\$ 41,700	\$ -	\$ 375,300
Subtotal Water - Pump Station Improvements						\$ 417,000	\$ -	\$ 417,000	\$ 41,700	\$ -	\$ 375,300
Water - Pipe Improvements						FY24	FY25	Project Totals	Water SDC	Other (grants)	Fees & Rates (debt)
Annual Pipe Replacement		X	X	X	X	\$ 300,000	\$ 300,000	\$ 600,000	\$ 60,000	\$ -	\$ 540,000
Distribution Pipe Projects		X	X	X	X	\$ 467,000	\$ 507,000	\$ 974,000	\$ 97,400	\$ -	\$ 876,600
Subtotal Water - Pipe Improvements						\$ 767,000	\$ 807,000	\$ 1,574,000	\$ 157,400	\$ -	\$ 1,416,600
Water - Operations & Maintenance						FY24	FY25	Project Totals	Water SDC	Other (grants)	Fees & Rates (debt)
Telemetry Upgrades					X	\$ 80,000	\$ -	\$ 80,000	\$ 8,000	\$ -	\$ 72,000
Subtotal Water - Operations & Maintenance						\$ 80,000	\$ -	\$ 80,000	\$ 8,000	\$ -	\$ 72,000
WATER						\$ 11,183,726	\$ 45,267,904	\$ 61,859,014	\$ 8,674,743	\$ -	\$ 53,184,270
TAP - Supply Improvements						FY24	FY25	Project Totals	Water SDC	Other (grants)	Fees & Rates (debt)
Non-Peak/Emergency Supply Connection from Ashland to Talent/Phoenix						\$ 236,000	\$ -	\$ 236,000	\$ -	\$ 236,000	\$ -
Subtotal TAP - Supply Improvements						\$ 236,000	\$ -	\$ 236,000	\$ -	\$ 236,000	\$ -
TAP - Booster Pump Station Improvements						FY24	FY25	Project Totals	Water SDC	Other (grants)	Fees & Rates (debt)
Regional BPS Short-Term Expansion			X	X		\$ 211,000	\$ -	\$ 211,000	\$ -	\$ 211,000	\$ -
Regional BPS Programming Updates				X		\$ -	\$ 101,000	\$ 101,000	\$ -	\$ 101,000	\$ -
Talent BPS Generator Upgrade (Option 1)						\$ -	\$ 445,000	\$ 445,000	\$ -	\$ 445,000	\$ -
Talent BPS Expansion for Talent and Ashland (Option 1)						\$ -	\$ 138,000	\$ 138,000	\$ -	\$ 138,000	\$ -
Talent BPS Seismic Upgrades						\$ -	\$ 100,000	\$ 100,000	\$ -	\$ 100,000	\$ -
Subtotal TAP - Booster Pump Station Improvements						\$ 211,000	\$ 784,000	\$ 995,000	\$ -	\$ 995,000	\$ -
TAP - Pipe Improvements						FY24	FY25	Project Totals	Water SDC	Other (grants)	Fees & Rates (debt)
24-inch Pipe Seismic Upgrades (Highway 99 Phoenix)				X		\$ -	\$ 1,623,000	\$ 1,623,000	\$ -	\$ 1,623,000	\$ -
Subtotal TAP - Pipe Improvements						\$ -	\$ 1,623,000	\$ 1,623,000	\$ -	\$ 1,623,000	\$ -
WATER/TAP						\$ 447,000	\$ 2,407,000	\$ 2,854,000	\$ -	\$ 2,854,000	\$ -

Capital Improvements Plan 2024-2029 Construction Years		Regulatory	Capacity	Deficiency	Life Cycle	Project Totals FY24-FY25					
Project Description											
Wastewater Treatment Plant						FY24	FY25	Project Totals	Sewer SDC	Other (grants)	Fees & Rates (debt)
Shading (Capital Cost + first 6 years of O&M)		X				\$ 493,000	\$ 273,000	\$ 766,000	\$ 114,900	\$ -	\$ 651,100
UV System Upgrades		X				\$ 650,000	\$ -	\$ 650,000	\$ 221,000	\$ -	\$ 429,000
Membrane Replacement (two trains)		X			X	\$ 1,200,000	\$ -	\$ 1,200,000	\$ -	\$ -	\$ 1,200,000
WWTP Process Improvements (Headworks)		X		X	X	\$ 1,000,000	\$ 3,250,000	\$ 4,250,000	\$ 637,500	\$ -	\$ 3,612,500
WWTP Process Improvements (Harmonics/Telemetry)		X		X		\$ 150,000	\$ 150,000	\$ 300,000	\$ 45,000	\$ -	\$ 255,000
Secondary Clarifier 2 Improvements		X	X	X	X	\$ -	\$ 397,500	\$ 397,500	\$ 59,625	\$ -	\$ 337,875
Subtotal Wastewater Treatment Plant						\$ 3,493,000	\$ 4,070,500	\$ 7,563,500	\$ 1,078,025	\$ -	\$ 6,485,475
Wastewater Collection System						FY24	FY25	Project Totals	Sewer SDC	Other (grants)	Fees & Rates (debt)
Hardesty Site Development & Equipment Storage						\$ 780,440	\$ -	\$ 780,440	\$ -	\$ -	\$ 780,440
Wastewater Miscellaneous In-House Replacement		X	X	X	X	\$ -	\$ 125,000	\$ 125,000	\$ 12,500	\$ -	\$ 112,500
Wastewater Miscellaneous Trenchless Pipe Lining		X		X	X	\$ -	\$ 500,000	\$ 500,000	\$ -	\$ -	\$ 500,000
Pinpoint I/I Sources in Various Basins			X			\$ 163,000	\$ -	\$ 163,000	\$ -	\$ -	\$ 163,000
Annual I/I Reduction and Collection System Replacement Project Allowance			X			\$ -	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ 100,000
Upsize Bear Creek Interceptor from Wightman Street to Tolman Creek Road		X	X		X	\$ 400,000	\$ 400,000	\$ 800,000	\$ 560,000	\$ -	\$ 240,000
Subtotal Wastewater Collection System						\$ 1,343,440	\$ 1,125,000	\$ 2,468,440	\$ 572,500	\$ -	\$ 1,895,940
WASTEWATER						\$ 4,836,440	\$ 5,195,500	\$ 10,031,940	\$ 1,650,525	\$ -	\$ 8,381,415

Capital Improvements Plan 2024-2029 Construction Years		Regulatory	Capacity	Deficiency	Life Cycle	Project Totals FY24-FY25						
						Project Description	FY24	FY25	Project Totals	Storm SDC	Other (grants)	Fees & Rates (debt)
Storm Drain												
Hardesty Site Development & Equipment Storage						\$ 390,220	\$ -	\$ 390,220	\$ -	\$ -	\$ -	\$ 390,220
Stormwater Miscellaneous Trenchless Pipe Lining				X	X	\$ -	\$ 150,000	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000
N Mountain Avenue @ Railroad Tracks			X	X		\$ 220,000	\$ -	\$ 220,000	\$ 22,106	\$ -	\$ -	\$ 197,894
Siskiyou Boulevard @ University Way			X	X		\$ 150,000	\$ -	\$ 150,000	\$ 15,169	\$ -	\$ -	\$ 134,831
E Main Street @ Emerick Street			X	X		\$ -	\$ 270,000	\$ 270,000	\$ 27,633	\$ -	\$ -	\$ 242,367
STORM DRAIN						\$ 760,220	\$ 420,000	\$ 1,180,220	\$ 64,908	\$ -	\$ -	\$ 1,115,312

Capital Improvements Plan 2024-2029 Construction Years		Regulatory	Capacity	Deficiency	Life Cycle	Project Totals FY24-FY25				
Project Description										
Facilities						FY24	FY25	Project Totals	Other (grants)	Fees & Rates (debt)
City Facility Upgrades & Maintenance		X	X	X	X	\$ 280,000	\$ 280,000	\$ 560,000	\$ -	\$ 560,000
City Facility Optimization Program						\$ 250,000	\$ 250,000	\$ 500,000	\$ -	\$ 500,000
Briscoe School Improvements				X	X	\$ 1,300,000	\$ -	\$ 1,300,000	\$ 1,300,000	\$ -
Community Center & Pioneer Hall Rehabilitation						\$ 1,953,074	\$ -	\$ 1,953,074	\$ -	\$ 1,953,074
Deffered Maintenance of Major Facilities		X	X	X	X	\$ 250,000	\$ 250,000	\$ 500,000	\$ -	\$ 500,000
FACILITIES						\$ 4,033,074	\$ 780,000	\$ 4,813,074	\$ 1,300,000	\$ 3,013,074

Capital Improvements Plan 2024-2029 Construction Years		Regulatory	Capacity	Deficiency	Life Cycle	Project Totals FY24-FY25				
Project Description									Other (grants)	Fees & Rates (debt)
Airport						FY24	FY25	Project Totals		
Entitlement Grant - Airport Improvements - Taxiway Rehabilitation (Construction)				X	X	\$ 1,200,000	\$ -	\$ 1,200,000	\$ 1,080,000	\$ 120,000
North Apron Reconstruction & Expansion: Ph 1 - Environmental & Design			X		X	\$ 333,000	\$ -	\$ 333,000	\$ 299,700	\$ 33,300
North Apron Reconstruction & Expansion: Ph 2 - Construction			X		X	\$ -	\$ 3,242,000	\$ 3,242,000	\$ 2,917,800	\$ 324,200
AIRPORT						\$ 1,533,000	\$ 3,242,000	\$ 4,775,000	\$ 4,297,500	\$ 477,500

Capital Improvements Plan 2024-2029 Construction Years		Regulatory	Capacity	Deficiency	Life Cycle	Project Totals FY24-FY29				
Project Description										
Electric						FY24	FY25	Project Totals	Other (grants)	Fees & Rates (debt)
Wildfire Mitigation						\$ 50,000	\$ 50,000	\$ 100,000	\$ -	\$ 100,000
Substation Upgrades						\$ 850,000	\$ 100,000	\$ 950,000	\$ -	\$ 950,000
Underground Expansion						\$ 75,000	\$ 100,000	\$ 175,000	\$ -	\$ 175,000
Circuit Automation						\$ -	\$ 100,000	\$ 100,000	\$ -	\$ 100,000
Underground Cable Replacement						\$ 50,000	\$ 100,000	\$ 150,000	\$ -	\$ 150,000
ELECTRIC						\$ 1,025,000	\$ 450,000	\$ 1,475,000	\$ -	\$ 1,475,000

Capital Improvements Plan 2024-2029 Construction Years		Regulatory	Capacity	Deficiency	Life Cycle	Project Totals FY24-FY29					
Project Description											
		FY24	FY25	Project Totals	Park SDC	Other (grants)	Food & Beverage				
Parks & Recreation											
Dept Payments (Calle, Briscoe, Garfield)		\$ 187,687	\$ 187,047	\$ 374,734	\$ -	\$ -	\$ 374,734				
Real Estate Acquisition		\$ 234,878	\$ 150,000	\$ 384,878	\$ 384,878	\$ -	\$ -				
Repair Butler Perozzi Fountain		\$ 650,000	\$ -	\$ 650,000	\$ -	\$ 650,000	\$ -				
Japanese Garden		\$ 50,000	\$ 50,000	\$ 100,000	\$ -	\$ 100,000	\$ -				
Ashland Creek Basketball Court		\$ -	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ 100,000				
E. Main Park Development		\$ 1,266,100	\$ -	\$ 1,266,100	\$ -	\$ 941,100	\$ 325,000				
E. Main Park Pump Track		\$ 75,000	\$ -	\$ 75,000	\$ -	\$ -	\$ 75,000				
Daniel Meyer Pool - Rebuild		\$ 2,000,000	\$ 8,200,000	\$ 10,200,000	\$ -	\$ 8,000,000	\$ 2,200,000				
Kestrel Park Pedestrian Bridge		\$ 700,000	\$ -	\$ 700,000	\$ -	\$ 550,000	\$ 150,000				
Building Maintenance (sinking/depreciation facilities fund)		\$ 150,000	\$ 150,000	\$ 300,000	\$ -	\$ -	\$ 300,000				
Secondary Irrigation Improvements		\$ 50,000	\$ 50,000	\$ 100,000	\$ -	\$ -	\$ 100,000				
Parking Lot/Road/Sidewalk Concrete Repairs		\$ 150,000	\$ 150,000	\$ 300,000	\$ -	\$ -	\$ 300,000				
Oak Knoll Golf Course Improvements		\$ 550,000	\$ -	\$ 550,000	\$ -	\$ -	\$ 550,000				
Lithia Park Improvements		\$ 150,000	\$ 150,000	\$ 300,000	\$ -	\$ 150,000	\$ 150,000				
Capital Outlay		\$ 175,000	\$ 175,000	\$ 350,000	\$ -	\$ -	\$ 350,000				
General Maintenance (sinking/depreciation fund)		\$ 422,545	\$ 422,545	\$ 845,090	\$ -	\$ -	\$ 845,090				
ICC Irrigation Control		\$ 100,000	\$ 100,000	\$ 200,000	\$ -	\$ -	\$ 200,000				
PARKS & RECREATION		\$ 6,911,210	\$ 9,884,592	\$ 16,795,802	\$ 384,878	\$ 10,391,100	\$ 6,019,824				

Capital Improvements Plan 2024-2029 Construction Years		Regulatory	Capacity	Deficiency	Life Cycle	Project Totals FY24-FY29										
Project Description						FY24	FY25	FY26	FY27	FY28	FY29	Project Totals	Street SDC	Other (grants)	Fees & Rates (debt)	
Roadway																
Hardesty Site Development & Equipment Storage				X		\$ 780,440	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 780,440	\$ -	\$ -	\$ 780,440	
City Wide Chip Seal Project				X		\$ -	\$ 255,000	\$ -	\$ -	\$ -	\$ -	\$ 255,000	\$ -	\$ -	\$ 255,000	
Clay Street - Faith Avenue to Siskiyou Boulevard (STBG/CMAQ)		X	X	X		\$ 579,754	\$ 1,000,000	\$ 1,125,000	\$ -	\$ -	\$ -	\$ 2,704,754	\$ -	\$ 6,981,195	\$ 209,022	
Subtotal Roadway						\$ 1,360,194	\$ 1,255,000	\$ 1,125,000	\$ -	\$ -	\$ -	\$ 3,740,194	\$ -	\$ 6,981,195	\$ 1,244,462	
Street Overlays/Reconstructions																
Ashland St - Siskiyou Blvd to Faith St	58.76	X		X	X	\$ 2,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,500,000	\$ -	\$ -	\$ 2,500,000	
N Mountain Ave - I-5 Overpass to E Main St	58.54	X		X	X	\$ 5,000,000	\$ 5,500,000	\$ -	\$ -	\$ -	\$ -	\$ 10,500,000	\$ -	\$ -	\$ 10,500,000	
Oak St - City Limits to E Main St	36.09	X		X	X	\$ -	\$ 1,000,000	\$ 7,000,000	\$ -	\$ -	\$ -	\$ 8,000,000	\$ -	\$ -	\$ 8,000,000	
Siskiyou Blvd - E Main St to Walker Ave	37.87	X		X	X	\$ -	\$ -	\$ 1,000,000	\$ 5,000,000	\$ 5,000,000	\$ -	\$ 11,000,000	\$ -	\$ -	\$ 11,000,000	
Park St - Siskiyou Blvd to Crestview Dr	33.09	X		X	X	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 2,500,000	\$ 3,000,000	\$ -	\$ -	\$ 3,000,000	
W Nevada St - Vansant St to Oak St	42.69	X		X	X	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 2,000,000	\$ 2,500,000	\$ -	\$ -	\$ 2,500,000	
Subtotal Street Overlays/Reconstructions						\$ 7,500,000	\$ 6,500,000	\$ 8,000,000	\$ 5,000,000	\$ 6,000,000	\$ 4,500,000	\$ 37,500,000	\$ -	\$ -	\$ 37,500,000	
Sidewalk/Pedestrian																
Beaver Slide - Water Street to Lithia Way		X	X	X		\$ -	\$ 285,000	\$ -	\$ -	\$ -	\$ -	\$ 285,000	\$ 276,792	\$ -	\$ 8,208	
Walker Avenue - Oregon Street to Woodland Drive		X	X	X		\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ 300,000	\$ 75,000	\$ 225,000	\$ -	
Ashland Street - Liberty Street to S Mountain Avenue		X	X	X		\$ -	\$ -	\$ -	\$ 400,000	\$ -	\$ -	\$ 400,000	\$ 100,000	\$ 300,000	\$ -	
Clay St - Siskiyou Boulevard to Mohawk Street		X	X	X		\$ -	\$ -	\$ -	\$ -	\$ 425,000	\$ -	\$ 425,000	\$ 106,250	\$ 318,750	\$ -	
Lincoln Street - E Main Street to Iowa Street		X	X	X		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000	\$ 75,000	\$ 225,000	\$ -	
Subtotal Sidewalk/Pedestrian						\$ -	\$ 285,000	\$ 300,000	\$ 400,000	\$ 425,000	\$ 300,000	\$ 1,710,000	\$ 633,042	\$ 1,068,750	\$ 8,208	
Bicycle																
B Street Bicycle Boulevard - From Oak Street to N Mountain Avenue			X	X		\$ 50,000	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ 125,000	\$ 42,375	\$ 12,500	\$ 70,125	
8th Street Bicycle Boulevard - A Street to E Main Street			X	X		\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ -	\$ 35,000	\$ 11,865	\$ 3,500	\$ 19,635	
Water Street Bicycle Boulevard - From Hersey Street to N Main Street			X	X		\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000	\$ 16,950	\$ 5,000	\$ 28,050	
Lithia Way Bicycle Boulevard - From Oak Street to Helman Street			X	X		\$ -	\$ -	\$ 80,000	\$ 80,000	\$ -	\$ -	\$ 160,000	\$ 54,240	\$ 16,000	\$ 89,760	
Walker Avenue Bicycle Boulevard - From Siskiyou Boulevard to Peachey Road			X	X		\$ -	\$ -	\$ -	\$ -	\$ 65,000	\$ -	\$ 65,000	\$ 22,035	\$ 6,500	\$ 36,465	
Ashland St - Morton St to University Way			X	X		\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ 50,000	\$ 16,610	\$ 5,000	\$ 28,390	
Oregon/Clark Street Bicycle Boulevard - Indiana Street to Harmony Lane			X	X		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 65,000	\$ 65,000	\$ 21,593	\$ 6,500	\$ 36,907	
Subtotal Bicycle						\$ 50,000	\$ 110,000	\$ 130,000	\$ 80,000	\$ 115,000	\$ 65,000	\$ 550,000	\$ 185,668	\$ 55,000	\$ 309,332	
TRANSPORTATION / LID						\$ 8,910,194	\$ 8,150,000	\$ 9,555,000	\$ 5,480,000	\$ 6,540,000	\$ 4,865,000	\$ 43,500,194	\$ 818,710	\$ 8,104,945	\$ 39,062,002	
Wastewater Treatment Plant																
Shading (Capital Cost + first 6 years of O&M)		X				\$ 493,000	\$ 273,000	\$ 118,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 1,019,000	\$ 152,850	\$ -	\$ 866,150	
UV System Upgrades		X	X		X	\$ 650,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 650,000	\$ 221,000	\$ -	\$ 429,000	
Membrane Replacement (two trains)		X	X		X	\$ 1,200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000	\$ -	\$ -	\$ 1,200,000	
WWTP Process Improvements (Headworks)		X		X	X	\$ 1,000,000	\$ 3,250,000	\$ -	\$ -	\$ -	\$ -	\$ 4,250,000	\$ 637,500	\$ -	\$ 3,612,500	
WWTP Process Improvements (Harmonics/Telemetry)		X		X		\$ 150,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 45,000	\$ -	\$ 255,000	
Secondary Clarifier 2 Improvements		X	X	X	X	\$ -	\$ 397,500	\$ 397,500	\$ -	\$ -	\$ -	\$ 795,000	\$ 119,250	\$ -	\$ 675,750	
Centrifuge Replacement		X		X		\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 500,000	\$ 600,000	\$ 90,000	\$ -	\$ 510,000	
Subtotal Wastewater Treatment Plant						\$ 3,493,000	\$ 4,070,500	\$ 515,500	\$ 45,000	\$ 145,000	\$ 545,000	\$ 8,814,000	\$ 1,265,600	\$ -	\$ 7,548,400	
Wastewater Collection System																
Hardesty Site Development & Equipment Storage						\$ 780,440	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 780,440	\$ -	\$ -	\$ 780,440	
Wastewater Miscellaneous In-House Replacement		X	X	X	X	\$ -	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 625,000	\$ 62,500	\$ -	\$ 562,500	
Wastewater Miscellaneous Trenchless Pipe Lining					X	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ 500,000	\$ 1,000,000	\$ -	\$ -	\$ 1,000,000	
Pinpoint I/I Sources in Various Basins		X		X		\$ 163,000	\$ -	\$ 163,000	\$ -	\$ -	\$ -	\$ 326,000	\$ -	\$ -	\$ 326,000	
Annual I/I Reduction and Collection System Replacement Project Allowance		X		X		\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000	\$ -	\$ -	\$ 500,000	
Upsize Bear Creek Interceptor from Wightman Street to Tolman Creek Road		X	X	X	X	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ -	\$ -	\$ 1,600,000	\$ 1,120,000	\$ -	\$ 480,000	
Upsize Capacity of Ashland Creek Lift Station		X	X	X	X	\$ -	\$ -	\$ -	\$ -	\$ 550,000	\$ 550,000	\$ 1,100,000	\$ -	\$ -	\$ 1,100,000	
Subtotal Wastewater Collection System						\$ 1,343,440	\$ 1,125,000	\$ 788,000	\$ 625,000	\$ 775,000	\$ 1,275,000	\$ 5,931,440	\$ 1,182,500	\$ -	\$ 4,748,940	
WASTEWATER						\$ 4,836,440	\$ 5,195,500	\$ 1,303,500	\$ 670,000	\$ 920,000	\$ 1,820,000	\$ 14,745,440	\$ 2,448,100	\$ -	\$ 12,297,340	

Capital Improvements Plan 2024-2029 Construction Years		Regulatory Capacity Deficiency Life Cycle				Project Totals FY24-FY29									
Project Description						FY24	FY25	FY26	FY27	FY28	FY29	Project Totals	Water SDC	Other (grants)	Fees & Rates (debt)
Water - Supply Improvements															
Dam Safety Improvements		X		X		\$ 3,312,804	\$ 3,312,804	\$ -	\$ -	\$ -	\$ -	\$ 6,625,608	\$ 1,656,402	\$ -	\$ 4,969,206
East & West Fork Transmission Line Rehabilitation				X	X	\$ 2,300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,300,000	\$ 1,725,000	\$ -	\$ 575,000
7.0 MGD Water Treatment Plant			X		X	\$ 3,794,565	\$ 36,253,073	\$ 12,143,169	\$ -	\$ -	\$ -	\$ 52,190,807	\$ 5,219,081	\$ -	\$ 46,971,726
7.0 MGD Water Treatment Plant Construction Administration						\$ 512,357	\$ 4,895,027	\$ 1,639,617	\$ -	\$ -	\$ -	\$ 7,047,001	\$ -	\$ -	\$ -
Reeder Reservoir Sediment Removal		X	X			\$ -	\$ -	\$ 160,000	\$ -	\$ -	\$ 160,000	\$ 320,000	\$ 240,000	\$ -	\$ 80,000
Subtotal Water - Supply Improvements						\$ 9,919,726	\$ 44,460,904	\$ 13,942,786	\$ -	\$ -	\$ 160,000	\$ 68,483,416	\$ 8,840,483	\$ -	\$ 52,595,932
Water - Pump Station Improvements															
TAP BPS Backup Power			X	X		\$ 417,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 417,000	\$ 41,700	\$ -	\$ 375,300
Hillview BPS Replacement					X	\$ -	\$ -	\$ 375,000	\$ 1,125,000	\$ -	\$ -	\$ 1,500,000	\$ 120,000	\$ -	\$ 1,380,000
Subtotal Water - Pump Station Improvements						\$ 417,000	\$ -	\$ 375,000	\$ 1,125,000	\$ -	\$ -	\$ 1,917,000	\$ 161,700	\$ -	\$ 1,755,300
Water - Pipe Improvements															
Annual Pipe Replacement		X	X	X	X	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 1,800,000	\$ 180,000	\$ -	\$ 1,620,000
Distribution Pipe Projects		X	X	X	X	\$ 467,000	\$ 507,000	\$ 1,418,000	\$ 311,000	\$ 1,386,000	\$ 560,000	\$ 4,649,000	\$ 464,900	\$ -	\$ 4,184,100
Transmission Pipe Projects		X	X	X	X	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Water - Pipe Improvements						\$ 767,000	\$ 807,000	\$ 1,718,000	\$ 611,000	\$ 1,686,000	\$ 860,000	\$ 6,449,000	\$ 644,900	\$ -	\$ 5,804,100
Water - Operations & Maintenance															
Telemetry Upgrades					X	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 80,000	\$ 8,000	\$ -	\$ 72,000
Tolman Creek Road PRV Station			X			\$ -	\$ -	\$ -	\$ 75,000	\$ -	\$ -	\$ 75,000	\$ 6,000	\$ -	\$ 69,000
Subtotal Water - Operations & Maintenance						\$ 80,000	\$ -	\$ -	\$ 75,000	\$ -	\$ -	\$ 155,000	\$ 14,000	\$ -	\$ 141,000
WATER						\$ 11,183,726	\$ 45,267,904	\$ 16,035,786	\$ 1,811,000	\$ 1,686,000	\$ 1,020,000	\$ 77,004,416	\$ 9,661,083	\$ -	\$ 60,296,332
TAP - Supply Improvements															
Non-Peak/Emergency Supply Connection from Ashland to Talent/Phoenix						\$ 236,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 236,000	\$ -	\$ 236,000	\$ -
N Phoenix Road Pipe Improvements			X			\$ -	\$ -	\$ -	\$ -	\$ 925,897	\$ 925,897	\$ 1,851,794	\$ -	\$ -	\$ 1,851,794
N Phoenix Road Master Meter Connection			X			\$ -	\$ -	\$ -	\$ -	\$ 111,593	\$ 111,593	\$ 111,593	\$ -	\$ -	\$ 111,593
Subtotal TAP - Supply Improvements						\$ 236,000	\$ -	\$ -	\$ -	\$ 1,037,490	\$ 925,897	\$ 2,199,387	\$ -	\$ 236,000	\$ 1,963,387
TAP - Booster Pump Station Improvements															
Regional BPS Short-Term Expansion			X	X		\$ 211,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 211,000	\$ -	\$ 211,000	\$ -
Regional BPS Programming Updates				X		\$ -	\$ 101,000	\$ -	\$ -	\$ -	\$ -	\$ 101,000	\$ -	\$ 101,000	\$ -
Talent BPS Generator Upgrade (Option 1)			X			\$ -	\$ 445,000	\$ -	\$ -	\$ -	\$ -	\$ 445,000	\$ -	\$ 445,000	\$ -
Talent BPS Expansion for Talent and Ashland (Option 1)			X			\$ -	\$ 138,000	\$ -	\$ -	\$ -	\$ -	\$ 138,000	\$ -	\$ 138,000	\$ -
Talent BPS Seismic Upgrades				X		\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ 100,000	\$ -
Subtotal TAP - Booster Pump Station Improvements						\$ 211,000	\$ 784,000	\$ -	\$ -	\$ -	\$ -	\$ 995,000	\$ -	\$ 995,000	\$ -
TAP - Pipe Improvements															
24-inch Pipe Seismic Upgrades (Highway 99 Phoenix)			X	X		\$ -	\$ 1,623,000	\$ -	\$ -	\$ -	\$ -	\$ 1,623,000	\$ -	\$ 1,623,000	\$ -
Talent to Ashland Pipe Improvements (Option 1)			X			\$ -	\$ -	\$ -	\$ -	\$ 671,375	\$ 671,375	\$ -	\$ -	\$ -	\$ 671,375
Subtotal TAP - Pipe Improvements						\$ -	\$ 1,623,000	\$ -	\$ -	\$ -	\$ 671,375	\$ 2,294,375	\$ -	\$ 1,623,000	\$ 671,375
WATER/TAP						\$ 447,000	\$ 2,407,000	\$ -	\$ -	\$ 1,037,490	\$ 1,597,272	\$ 5,488,762	\$ 2,854,000	\$ -	\$ 2,634,762

Capital Improvements Plan 2024-2029 Construction Years	Regulatory Capacity Deficiency Life Cycle	Project Totals FY24-FY29
Project Description		

Storm Drain					FY24	FY25	FY26	FY27	FY28	FY29	Project Totals	Storm SDC	Other (grants)	Fees & Rates (debt)
Hardesty Site Development & Equipment Storage					\$ 390,220	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 390,220	\$ -	\$ -	\$ 390,220
Stormwater Miscellaneous Trenchless Pipe Lining	X		X	X	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000	\$ 300,000	\$ -	\$ -	\$ 300,000
N Mountain Avenue @ Railroad Tracks	X	X	X		\$ 220,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 220,000	\$ 22,106	\$ -	\$ 197,894
Siskiyou Boulevard @ University Way	X	X	X		\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 15,169	\$ -	\$ 134,831
E Main Street @ Emerick Street	X	X	X		\$ -	\$ 270,000	\$ -	\$ -	\$ -	\$ -	\$ 270,000	\$ 27,633	\$ -	\$ 242,367
Dewey Street @ E Main St	X	X	X		\$ -	\$ -	\$ 280,000	\$ -	\$ -	\$ -	\$ 280,000	\$ -	\$ -	\$ 280,000
Gresham Street @ Beach Avenue	X	X	X		\$ -	\$ -	\$ -	\$ 450,000	\$ -	\$ -	\$ 450,000	\$ 45,976	\$ -	\$ 404,024
Morton Street - Pennsylvania Street to Iowa Street	X	X	X		\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000	\$ 500,000	\$ -	\$ -	\$ 500,000
STORM DRAIN					\$ 760,220	\$ 420,000	\$ 280,000	\$ 450,000	\$ 250,000	\$ 400,000	\$ 2,560,220	\$ 110,884	\$ -	\$ 2,449,336

Airport					FY24	FY25	FY26	FY27	FY28	FY29	Project Totals	Other (grants)	Fees & Rates (debt)
Entitlement Grant - Airport Improvments - Taxiway Rehabilitation (Construction)			X	X	\$ 1,200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000	\$ -	\$ 1,200,000
Pavement Maintenance Program				X	\$ -	\$ -	\$ 20,000	\$ -	\$ -	\$ 20,000	\$ 40,000	\$ -	\$ 4,000
North Apron Reconstruction & Expansion: Ph 1 - Environmental & Design			X	X	\$ 333,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 333,000	\$ -	\$ 33,300
North Apron Reconstruction & Expansion: Ph 2 - Construction			X	X	\$ -	\$ 3,242,000	\$ -	\$ -	\$ -	\$ -	\$ 3,242,000	\$ -	\$ 324,200
Airport Pavement Reconstruction & Rehabilitation: Ph 1 - Environmental & Design				X	\$ -	\$ -	\$ 176,667	\$ -	\$ -	\$ -	\$ 176,667	\$ -	\$ 17,667
Airport Pavement Reconstruction & Rehabilitation: Ph 2 - Constructor				X	\$ -	\$ -	\$ 873,333	\$ -	\$ -	\$ -	\$ 873,333	\$ -	\$ 143,333
OFA Obstruction Removal (Tree Trimming)	X				\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ 200,000	\$ -	\$ 20,000
Fuel Facility Relocation: Ph 1 - Environmental & PreDesign				X	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ -	\$ 300,000	\$ -	\$ 30,000
Fuel Facility Relocation: Ph 2 - Design				X	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000	\$ -	\$ 100,000
AIRPORT					\$ 1,533,000	\$ 3,242,000	\$ 1,070,000	\$ -	\$ 500,000	\$ 1,020,000	\$ 7,365,000	\$ 6,572,500	\$ 792,500

Facilities					FY24	FY25	FY26	FY27	FY28	FY29	Project Totals	Other (grants)	Fees & Rates (debt)
City Facility Upgrades & Maintenance	X	X	X	X	\$ 280,000	\$ 280,000	\$ 280,000	\$ 280,000	\$ 280,000	\$ 280,000	\$ 1,680,000	\$ -	\$ 1,680,000
City Facility Optimization Program	X	X	X	X	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ 1,000,000	\$ -	\$ 1,000,000
Briscoe School Improvements			X	X	\$ 1,300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,300,000	\$ -	\$ -
Community Center & Pioneer Hall Rehabilitation	X		X		\$ 1,953,074	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,953,074	\$ -	\$ 1,953,074
Deffered Maintenance of Major Facilities	X	X	X	X	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,500,000	\$ -	\$ 1,500,000
FACILITIES					\$ 4,033,074	\$ 780,000	\$ 780,000	\$ 780,000	\$ 530,000	\$ 530,000	\$ 7,433,074	\$ 1,300,000	\$ 6,133,074

Electric					FY24	FY25	FY26	FY27	FY28	FY29	Project Totals	Other (grants)	Fees & Rates (debt)
Wildfire Mitigation					\$ 50,000	\$ 50,000	\$ 50,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 225,000	\$ -	\$ 225,000
Substation Upgrades					\$ 850,000	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ -	\$ 1,050,000	\$ -	\$ 1,050,000
Underground Expansion					\$ 75,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 50,000	\$ 50,000	\$ 475,000	\$ -	\$ 475,000
Circuit Automation					\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000	\$ -	\$ 500,000
Underground Cable Replacement					\$ 50,000	\$ 100,000	\$ 200,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,100,000	\$ -	\$ 1,100,000
ELECTRIC					\$ 1,025,000	\$ 450,000	\$ 550,000	\$ 475,000	\$ 425,000	\$ 425,000	\$ 3,350,000	\$ -	\$ 3,350,000

Parks & Recreation					FY24	FY25	FY26	FY27	FY28	FY29	Project Totals	Park SDC	Other (grants)	Food & Beverage
Dept Payments (Calle, Briscoe, Garfield)					\$ 187,687	\$ 187,047	\$ -	\$ -	\$ -	\$ -	\$ 374,734	\$ -	\$ -	\$ 374,734
Real Estate Acquisition					\$ 234,878	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 384,878	\$ 384,878	\$ -	\$ -
Repair Butler Perozzi Fountain					\$ 650,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 650,000	\$ -	\$ 650,000	\$ -
Japanese Garden					\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ 100,000	\$ -
Ashland Creek Basketball Court					\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ 100,000
E. Main Park Development					\$ 1,266,100	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,266,100	\$ -	\$ 941,100	\$ 325,000
E. Main Park Pump Track					\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ -	\$ -	\$ 75,000
Daniel Meyer Pool - Rebuild					\$ 2,000,000	\$ 8,200,000	\$ -	\$ -	\$ -	\$ -	\$ 10,200,000	\$ -	\$ 8,000,000	\$ 2,200,000
Kestrel Park Pedestrian Bridge					\$ 700,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 700,000	\$ -	\$ 550,000	\$ 150,000
Building Maintenance (sinking/depreciation facilites fund)					\$ 150,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ 300,000
Secondary Irrigation Improvements					\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ 100,000
Parking Lot/Road/Sidewalk Concrete Repairs					\$ 150,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ 300,000
Oak Knoll Golf Course Improvements					\$ 550,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 550,000	\$ -	\$ -	\$ 550,000
Lithia Park Improvements					\$ 150,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ -	\$ 150,000	\$ 150,000
Capital Outlay					\$ 175,000	\$ 175,000	\$ -	\$ -	\$ -	\$ -	\$ 350,000	\$ -	\$ -	\$ 350,000
General Maintenance (sinking/depreciation fund)					\$ 422,545	\$ 422,545	\$ -	\$ -	\$ -	\$ -	\$ 845,090	\$ -	\$ -	\$ 845,090
ICC Irrigation Control					\$ 100,000	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ 200,000
PARKS & RECREATION					\$ 6,911,210	\$ 9,884,592	\$ -	\$ -	\$ -	\$ -	\$ 16,795,802	\$ 384,878	\$ 10,391,100	\$ 6,019,824

TOTAL CIP OVER TIME					\$ 39,639,864	\$ 75,796,996	\$ 29,574,286	\$ 9,666,000	\$ 11,888,490	\$ 11,677,272	\$ 178,242,908	\$ 13,423,655	\$ 29,222,545	\$ 133,035,170
					FY24	FY25	FY26	FY27	FY28	FY29	FY24-29 TOTAL			