Council Business Meeting

April 4, 2023

Agenda Item	Capital Improvement Program Adoption 2023-2029	
From	Scott Fleury PE	Public Works Director
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Item Type	Requested by Council ☐ Update ☐ Request for Direction ☒ Presentation ☐	

SUMMARY

Before the Council is a request to adopt the 2/6/ – Year Capital Improvements Program (CIP). Staff previously presented the 2/6-year program to Council at the March 20, 2023 Study Session. The CIP is based upon each enterprise fund's master plans, facility plans, and operational requirements of the departments or divisions. The focus of the program is 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

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 corelates 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).

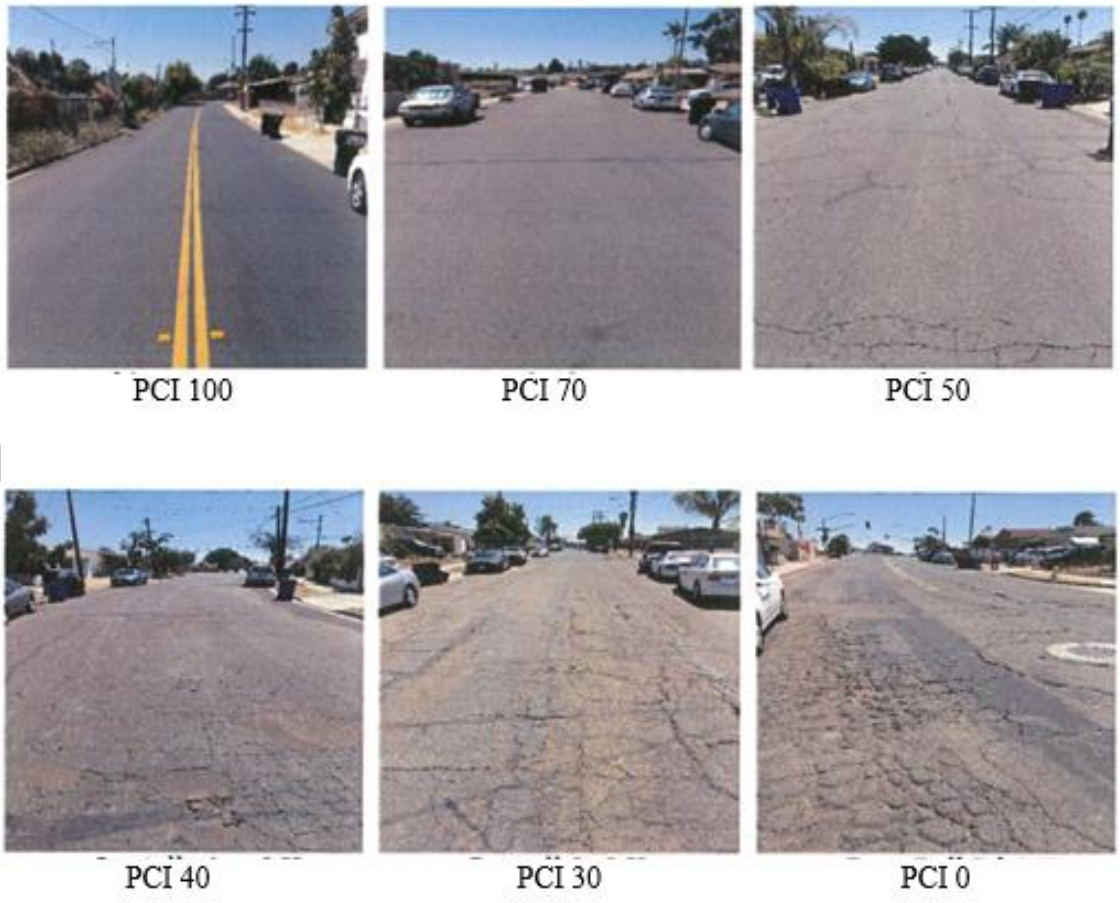
Transportation Network:

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 or better. Reference figure 1 below for a visual representation of PCI's. In addition, there is a focus on the roadway 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
    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 NDPES Thermal Load Limits
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*)
    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
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 wit 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 are for 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.
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 the2023-2025 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.
6. **Electric System Master Plan:** The Electric Department will be developing a formal master plan for the system starting in year two of the biennium.

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.

Table 1: Cost Estimating Class Levels

	Primary Characteristic	*Secondary Characteristic*		
ESTIMATE CLASS	**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 included "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 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 2023-2025 City Managers Budget including the 2 year appropriation request for identified capital projects and moving forward through the budget process. Staff will also begin the process of updating rate models, specifically for the water and wastewater enterprises and develop information for discussion regarding the City's utility assistance program.

MOTIONS

- I move to approve the 2023-2042 Capital Improvements Program as presented.
- I move to approve the 2023-2042 Capital Improvements Program with the following amendments; _____.

REFERENCES & ATTACHMENTS

Attachment #1: Capital Improvement Plan Book
Attachment #2: Climate Energy Policy Advisory Committee Transportation Improvements Memo

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)

City of Ashland Capital Improvements Program FY 24-25 detail 2024-2029 overview

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TRANSPORTATION PROJECTS

Capital Improvements Plan 2024-2029 Construction Years Project Description		Regulatory	Capacity	Deficiency	Life Cycle	Project Totals FY24-FY25					
Roadway						**FY24**	**FY25**	**Project Totals**	**Street SDC**	**Other (grants)**	**Fees & Rates (debt)**
Hardesty Site Development & Equipment Storage						$ 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	$ 1,579,754	$ -	$ 6,981,195	$ 209,022
					Subtotal Roadway	**$ 1,360,194**	**$ 1,255,000**	**$ 2,615,194**	**$ -**	**$ 7,236,195**	**$ 989,462**
Street Overlays/Reconstructions	**PCI**					**FY24**	**FY25**	**Project Totals**	**Street SDC**	**Other (grants)**	**Fees & Rates (debt)**
Ashland St - Siskiyou Blvd to Faith St	55.42	X		X	X	$ 2,500,000	$ -	$ 2,500,000	$ -	$ -	$ 2,500,000
N Mountain Ave - I-5 Overpass to E Main St	59.36	X		X	X	$ 5,000,000	$ 5,500,000	$ 10,500,000	$ -	$ -	$ 10,500,000
Oak St - City Limits to E Main St	23.83	X		X	X	$ -	$ 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						**FY24**	**FY25**	**Project Totals**	**Street SDC**	**Other (grants)**	**Fees & Rates (debt)**
Beaver Slide - Water Street to Lithia Way		X	X	X		$ -	$ 285,000	$ 285,000	$ 276,792	$ -	$ 8,208
					Subtotal Sidewalk/Pedestrian	**$ -**	**$ 285,000**	**$ 285,000**	**$ 276,792**	**$ -**	**$ 8,208**
Bicycle						**FY24**	**FY25**	**Project Totals**	**Street SDC**	**Other (grants)**	**Fees & Rates (debt)**
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
					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**

Street Fund – Roadway

Project Name: **City Wide Chip Seal Project (CMAQ)** Proj #: 2013-37

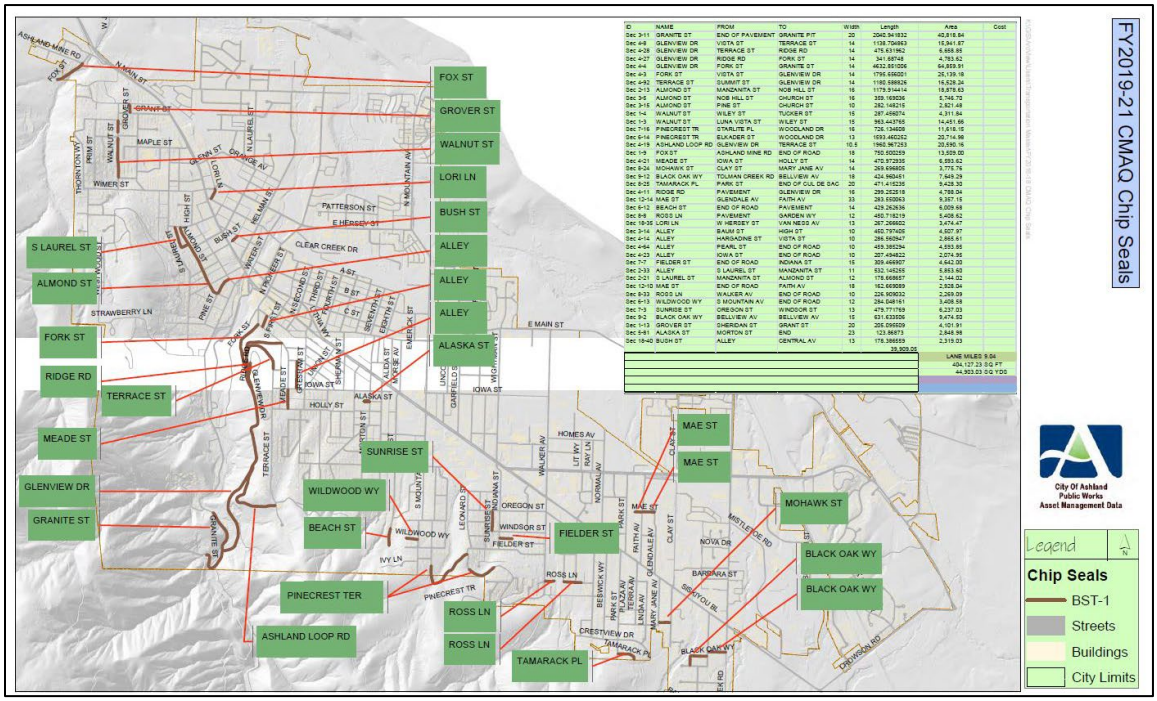
Total Project Cost: **$255,000** Duration: 1+ year

	FY24	FY25
Expenses:		
Design		
Construction		$255,000
Revenues:		
Fees		
SDCs		
Grant		
Other		$255,000

Grant: American Rescue Plan Act – Covid Relief Funding through the Rogue Valley Metropolitan Planning Organization

Anticipated Long Term Expenses: No significant long-term expenses. This will be a part of the City's street improvement fund. Life of the project is 20+ years.

Description: The project consists of grading, prepping and installing a double chip seal on existing dirt roads within the Ashland City limits. The chip seal project proposed is a double shot chip seal with a fog seal. The base course will be 1/2" and the top course will be 3/8". The project will also involve geotechnical analysis of the road sections to determine if drainage is appropriate. In addition, roads that serve truck traffic will include an additional 6" of base material added for structural support.



Street Fund - Roadway

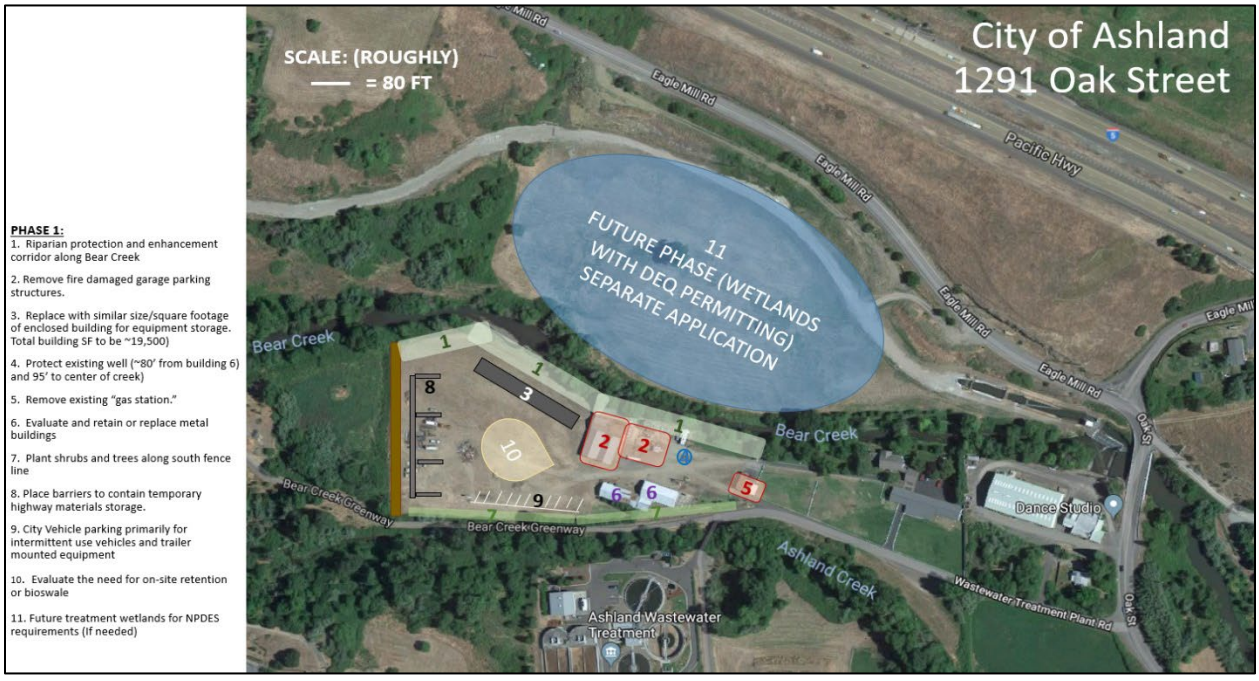
Project Name: **Hardesty Property Site Development and Equipment Storage** Proj #: 704200

Total Project Cost: **$780,440** Duration: 2 years

	FY24	FY25
Expenses:		
Design		
Construction	$780,440	
Revenues:		
Fees	$780,440	
SDCs		
Grant		
Other		

Anticipated Long Term Expenses: The proposed improvements will generate long term building maintenance and energy consumption requirements along site management for storm water disposal of sweeper materials.

Description: The City recently purchased the Hardesty property to utilize as a resource for equipment storage and staging in order to divest itself of the current "B" Street yard location. The project includes site development work, demolition of existing structures and construction of a new metal equipment storage building. Costs will be shared between the wastewater, streets and storm drain funds as the building and site will be utilized primarily by these enterprise funds.



Street Fund

Project Name: **Clay Street - Faith Avenue to Siskiyou Boulevard** Project#: 2020-09

Total Project Cost: Two Year Cost $1,579,74 (Total Project $7,190,217) Duration: Multiple Years

	FY24	FY25
Expenses:		
Design	$579,754	$1,000,000
Construction		
Revenues:		
Fees	$59,540	$102,700
SDCs		
Grant	$520,213	$897,300
Other		

Explain "other": Funded by a Rogue Valley Metropolitan Organization Grant with Jackson County providing a percentage of the total match as part of the jurisdictional transfer agreement.

Anticipated Long Term Expenses: Project is grant funded with Jackson County providing a portion of the required match and the City providing the remaining. Additional grant funding may need to be requested once the initial project development, right of way acquisition and design phases have been completed. After completion the improvement will become part of the street fund and costs will include overlay's as required for a pavement preservation program.

Description: Existing Clay St. from Faith Ave. to Siskiyou Blvd. is nominally 19-feet wide road with no bike or ped facilities. The street serves low, medium and high-density housing, a city park and a private elementary school, and connects the neighborhood to Ashland St. and Siskiyou Blvd. The purpose of the project is to add bike and pedestrian facilities with curb, gutter, sidewalk, and underground drainage to facilitate the addition of the bike and pedestrian facilities. Per the Ashland TSP, the bike facility will be a bike boulevard, a shared lane with a speed reduction to 20 MPH. The existing street will also be improved to match the new facilities.

Street Fund - Overlay

Project Name: **Ashland Street Overlay – Siskiyou to Faith** Proj #: 2019-24
Total Project Cost: **$2,500,000** Duration: 2 years

	FY24	FY25
Expenses:		
Design	$750,000	
Construction	$1,750,000	
Revenues:		
Fees	$2,500,000	
SDCs		
Grant		
Other		

Anticipated Long Term Expenses: No significant long-term expenses. This will be a part of the City's Street improvement fund. The life of the project is 30+ years. Street rehabilitation projects are supported by food and beverage tax revenue.

Description: This project will consist of an asphalt overlay and partial rebuild of Ashland Street between Siskiyou Boulevard and Faith Avenue as per the City of Ashland's Pavement Management System. Project will include some full depth reconstruction, replacement of non-ADA compliant sidewalk and handicap access ramps and utility replacements as necessary.

Street Fund - Overlay

Project Name: **N. Mountain Avenue Overlay – I-5 to E. Main Street** Proj #: 2010-10, 2013-02

Total Project Cost: **$10,500,000** Duration: 2+ years

	FY24	FY25
Expenses:		
Design		
Construction	$5,000,000	$5,500,000
Revenues:		
Fees	$5,000,000	$5,500,000
SDCs		
Grant		
Other		

Anticipated Long Term Expenses: No significant long-term expenses. This will be a part of the City's street improvement fund. Life of the project is 30+ years. Street rehabilitation projects are supported by food and beverage tax revenue.

Description: This project will consist of an asphalt overlay and partial rebuild of N. Mountain Avenue between Interstate 5 and E. Main Street as per the City of Ashland's Pavement Management System. Project will include some full depth reclamation of the existing asphalt surface combined with a concrete treated base, some full depth reconstruction, replacement of non-ADA compliant sidewalk and handicap access ramps and utility replacements as necessary.

Street Fund - Overlay

Project Name: **Oak Street Overlay – City Limits to E. Main Street** Proj #: tbd

Total Project Cost: **$1,000,000 (Design Phase)** Duration: 2 years

	FY24	FY25
Expenses:		
Design		
Construction		$1,000,000
Revenues:		
Fees		$1,000,000
SDCs		
Grant		
Other		

Anticipated Long Term Expenses: No significant long-term expenses. This will be a part of the City's Street improvement fund. Life of the project is 30+ years. Street rehabilitation projects are supported by food and beverage tax revenue.

Description: This project will consist of an asphalt overlay and partial rebuild of Oak Street between the City Limits and E. Main Street as per the City of Ashland's Pavement Management System. Project will include some full depth reconstruction, replacement of non-ADA compliant sidewalk and handicap access ramps and utility replacements as necessary.

Street Fund - Pedestrian

Project Name: **Install Sidewalk Beaver Slide - Water Street to Lithia Way** Proj #: (TSP P17)

Total Project Cost: **$285,000** Duration: 1 year

	FY24	FY25
Expenses:		
Design		$57,000
Construction		$228,000
Revenues:		
Fees		$8,208
SDCs		$276,792
Grant		
Other		

Anticipated Long Term Expenses: No significant long-term expenses. This will be a part of the City's Street improvement fund. The life of the project is 30+ years.

Description: The project consists of the installation of a sidewalk along the Beaver slide from Lithia Way to Water Street and will include ADA compliant access ramps. The project will give pedestrians an accessible route and additional path from Lithia Way to the downtown area.

Street Fund - Bicycle

Project Name: **B Street Bicycle Boulevard (Oak Street to North Mountain Avenue)** Proj #: (TSP B13)

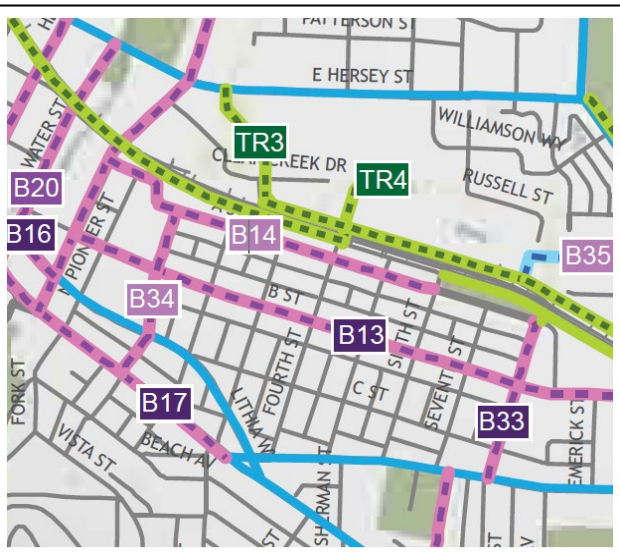
Total Project Cost: **$125,000** Duration: 1 year

	FY24	FY25
Expenses:		
Design	$25,000	
Construction	$25,000	$75,000
Revenues:		
Fees	$28,050	$42,075
SDCs	$16,950	$25,425
Grant		
Other	$5,000	$7,500

Explain "Other": City will search for grant funded, but funding may not be available.

Anticipated Long Term Expenses: Long term expenses will include striping/line painting and sweeping.

Description: This high priority project fills the gaps in the bicycle network and provides a "bicycle boulevard" adjacent on B Street from Oak Street to North Mountain Avenue. Bicycle boulevards modify local streets to allow the through movement of bicycles yet maintaining local access for automobiles. Bicycle boulevards typically include bicycle route signage, speed limit reductions and pavement markings and often feature traffic calming to slow vehicle speeds and provide a more comfortable environment for cyclists.



Street Fund - Bicycle

Project Name: **8th Street Bicycle Boulevard; 'A' to E. Main** Proj #: (TSP B33)

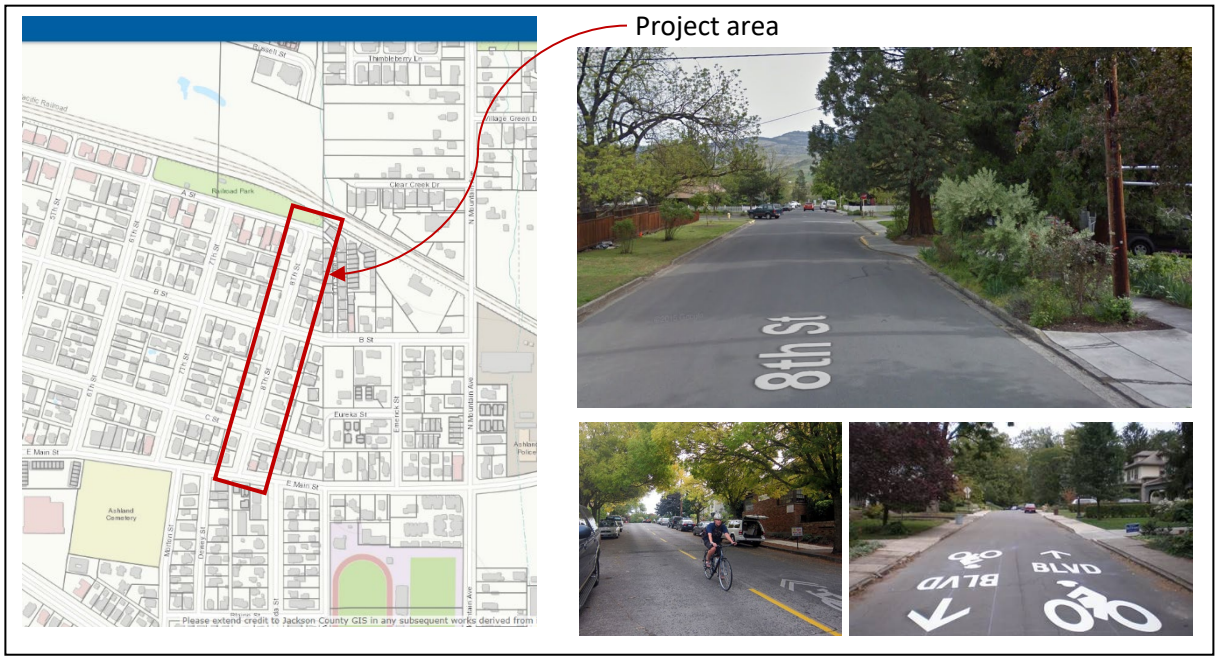
Total Project Cost: **$35,000** Duration: 1 year

	FY24	FY25
Expenses:		
Design		$5,250
Construction		$29,750
Revenues:		
Fees		$11,865
SDCs		$19,635
Grant		
Other		$3,500

Explain "Other": This project is intended to be grant funded but may be unavailable. If unavailable, design cost will be borne in the engineering budget.

Anticipated Long Term Expenses: Long term expenses will include striping/line painting and sweeping.

Description: This project fills the gaps in the bicycle network and provides a "bicycle boulevard" along a well-traveled neighborhood street linking the railroad district, railroad park and Main Street. Bicycle boulevards modify local streets to allow the through movement of bicycles yet maintaining local access for automobiles. Bicycle boulevards typically include bicycle route signage and pavement markings and often feature traffic calming to slow vehicle speeds and provide a more comfortable environment for cyclists.



WATER PROJECTS

Capital Improvements Plan 2024-2029 Construction Years Project Description	Regulatory	Capacity	Deficiency	Life Cycle	Project Totals FY24-FY25					
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 Adminstration		X	X	X	$ 512,357	$ 4,895,027	$ 5,407,384	$ 540,738	$ -	$ 4,866,646
Subtotal Water - Supply Improvements					**$ 10,432,083**	**$ 49,355,931**	**$ 59,788,014**	**$ 8,467,643**	**$ -**	**$ 51,320,371**
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	$ -	$ 417,000	$ -
Subtotal Water - Pump Station Improvements					**$ 417,000**	**$ -**	**$ 417,000**	**$ -**	**$ 417,000**	**$ -**
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	$ 660,000	$ 582,000	$ 1,242,000	$ 124,200	$ -	$ 1,117,800
Subtotal Water - Pipe Improvements					**$ 960,000**	**$ 882,000**	**$ 1,842,000**	**$ 184,200**	**$ -**	**$ 1,657,800**
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					**$ 11,889,083**	**$ 50,237,931**	**$ 62,127,014**	**$ 8,659,843**	**$ 417,000**	**$ 53,050,171**
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**	**$ -**

Water Supply Fund - Supply

Project Name: **Dam Safety Improvements** Proj #: TBD

Total Project Cost: **$6,625,608** Duration: 2+ years

	FY24	FY25
Expenses:		
Design	$662,560	$662,560
Construction	$2,620,244	$2,620,244
Revenues:		
Fees	$2,484,603	$2,484,603
SDCs	$828,201	$828,201
Grant		
Other		

The proportional SDC allocation will be reviewed during completion of the Water Master Plan.

Anticipated Long Term Expenses: Staff time for management of improvement and maintenance projects. Life cycle replacement of infrastructure associated with the Dam, including valves, waterlines, stairs, walkways, security cameras and telecommunications items.

Description: The City recently completed its Federal Energy Regulatory Commission (FERC) Part 12 inspection of Hosler Dam and associated appurtenances. The Part 12 inspection and associated Potential Failure Modes Analysis Update (PFMA) details areas of concern with respect to the dam and what is defined as an uncontrolled release of water. The major point of emphasis with respect to the PFMA update from FERCs perspective is the potential erosivity of the left abutment under defined flood loading conditions. FERC will require the City to develop a plan and schedule to address the erosivity issue during the biennium. Other dam improvements will include evaluation of the spillway and spillway structures and dam piping penetrations.

Water Supply Fund - Supply

Project Name: **East and West Forks Transmission Line Rehabilitation** Proj #: 2018-10

Total Project Cost: **$2,300,000** Duration: 2 years

	FY24	FY25
Expenses:		
Design	$210,515	
Construction	$2,089,485	
Revenues:		
Fees	$575,000	
SDCs	$1,725,000	
Grant		
Other		

Anticipated Long Term Expenses: Long term expenses for the East and West Forks Transmission Line Rehabilitation project include life cycle replacement costs and staff required to manage system when needed for raw water transmission to the treatment plant.

Description: The connection to the East and West Fork diversions on Ashland Creek currently exit as 24-inch ductile iron pipes with sections of 24-inch steel pipe. These transmission lines are important infrastructure components related to the City's water supply and the project will replace approximately 1800 feet of steel pipe with ductile iron. This includes two crossings of Reeder Reservoir They enable water to be diverted above Reeder Reservoir to the water treatment plant, allowing the City to dewater the main reservoir for sediment removal, dam repairs, intake structure repairs and potentially manage an algal bloom. Public Works is forecasting significant maintenance related repairs and improvements to Hosler Dam over the next two budget cycles, thus requiring the transmission lines provide a reliable bypass option for raw water moving forward. This project includes evaluation of the steel pipeline condition with recommendations to replace or slip-line the transmission lines. The project also includes engineering and construction of a bridge crossing over the East & West Forks which is 75%* SDC eligible.

Water Treatment Fund - Supply

Project Name: **7.0 MGD Water Treatment Plant** Proj #: 2018-20

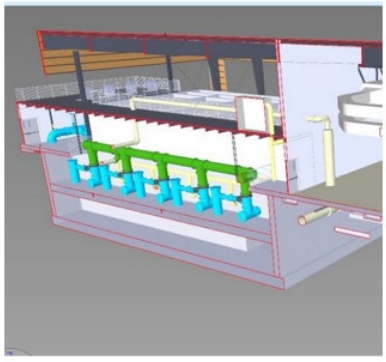
Total Project Cost: **$52,190,807 (Construction)** Duration: 4+ years
$7,047,001 (Construction Administration)

	FY24	FY25
Expenses:		
Design	$512,357	$4,895,027
Construction	$4,306,922	$41,148,100
Revenues:		
Fees	$4,337,351	$41,438,814
SDCs	$481,928	$4,604,313
Grant		
Other		

Explain "Other":

Anticipated Long Term Expenses: Long term expenses for the new water treatment plant will focus on life cycle equipment replacement, treatment chemicals, energy requirements, general operational requirements, and staffing. These are similar long-term expenses associated with the current treatment plant.

Description: The 7.0 MGD Water Treatment Plant project includes completing the final engineering phase, and the construction and start-up phases. The construction phase includes physical construction along with construction management and plant startup services. The goals for the project include development of a reliable, simple, robust, energy efficient and expandable raw water treatment train and plant that will fully meet current and potential future regulatory requirements meant to serve the citizens of Ashland for the next 100 years.



Water Distribution Fund – Pump Station

Project Name: **TAP BPS Backup Power** Proj #: 2021-13

Total Project Cost: **$417,000** Duration: 1 years

	FY24	FY25
Expenses:		
Design	$83,400	
Construction	$333,600	
Revenues:		
Fees		
SDCs		
Grant	$417,000	
Other		

Explain "other": American Rescue Plan Act (ARPA) grant funded.

Anticipated Long Term Expenses: Estimated $1,000/year for maintenance/testing of the generator and eventual life-cycle replacement costs.

Description: This project will place a permanent stand-by emergency generator at the TAP booster pump station to supply electrical power when necessary.

Water Distribution Fund - Pipe

Project Name: **Annual Pipe Replacement Program** Proj #: 704100

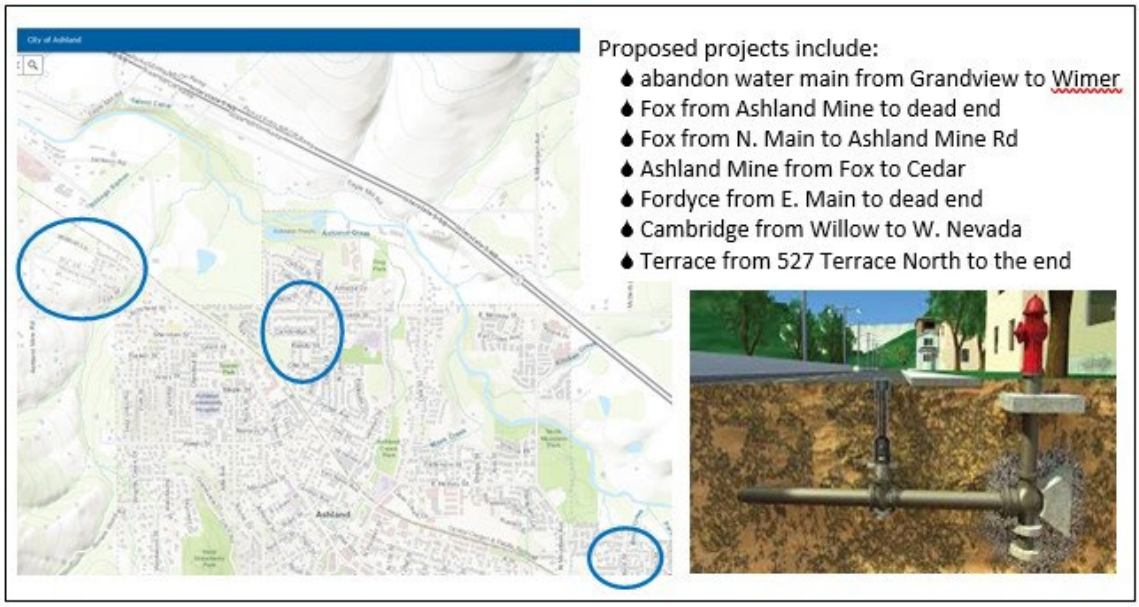
Total Project Cost: **$300,000 per year** Duration: continual

	FY24	FY25
Expenses:		
Design	$30,000	$30,000
Construction	$270,000	$270,000
Revenues:		
Fees	$270,000	$270,000
SDCs	$30,000	$30,000
Grant		
Other		

Explain Other: Staff anticipates that some portion of some of the pipe replacement program will be SDC eligible and will verify with the 2019 Water Mater Plan update.

Anticipated Long Term Expenses: Long term expenses include any maintenance of valves and hydrants on the distribution line and eventual life cycle replacement costs.

Description: This program is designed primarily for in-house crew labor to replace undersized (not meeting current 8" minimum) and pipe material concerns. This may also include pressure reducing valves.



Water Distribution Fund - Pipe

Project Name: **Distribution Pipe Replacement Projects** Proj #:

Total Project Cost: **$1,242,000** Duration: varies

	FY24	FY25
Expenses:		
Design	$60,000	$97,000
Construction	$600,000	$485,000
Revenues:		
Fees	$594,000	$523,800
SDCs	$66,000	$58,200
Grant		
Other		

Explain "other": These projects are 10% SDC eligible

Anticipated Long Term Expenses: Long term expenses include maintenance/inspection for hydrant/meter/service lines estimated at $2000/year and eventual life-cycle replacements costs.

Description: Recommended aging pipe replacement and/or upsizing to meet pressure and fire flow recommendations. This project includes these pipe segments:

1. Ivy-Morton waterline connection
2. Grandview Drive waterline, Ditch Road to Sunnyview Street

Water Distribution Fund – Operations & Maintenance

Project Name: **Water System Telemetry Upgrades** Proj #:

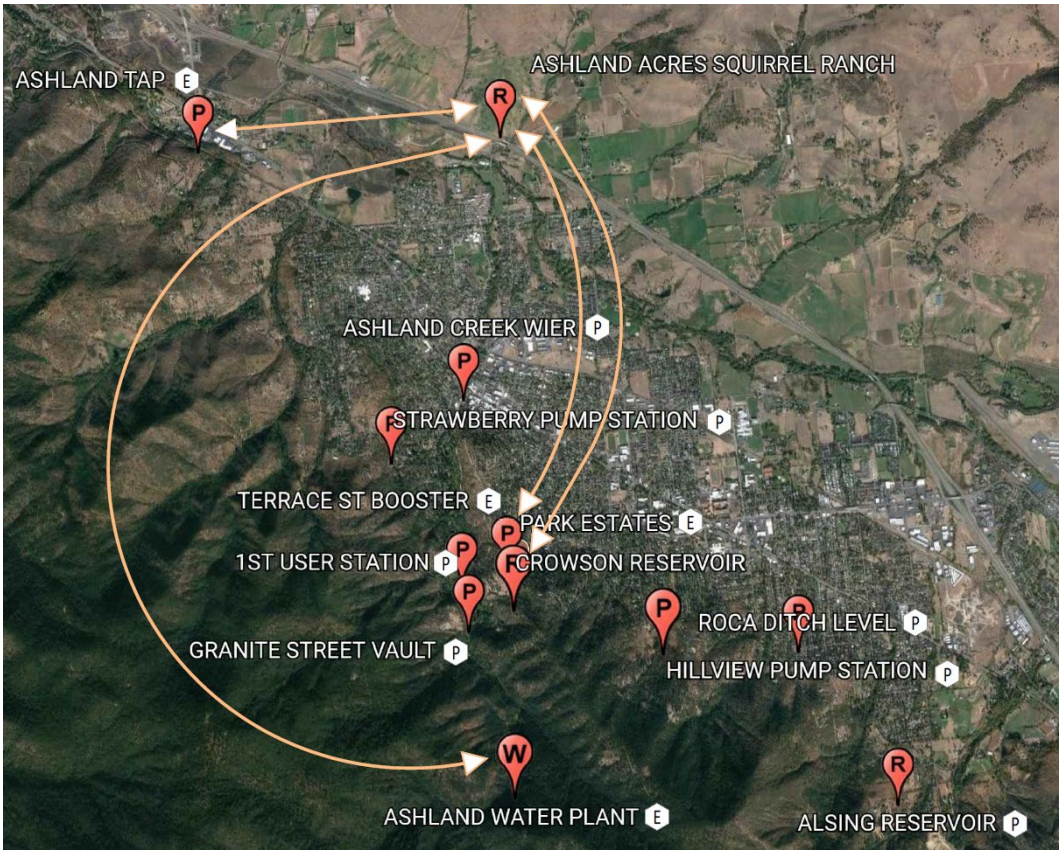
Total Project Cost: **$80,000** Duration: 1 year

	FY24	FY25
Expenses:		
Design	$20,000	
Construction	$60,000	
Revenues:		
Fees	$72,000	
SDCs	$8,000	
Grant		
Other		

Explain "other": This project is 10% SDC eligible

Anticipated Long Term Expenses: Minimal electrical consumption, eventual life-cycle replacement.

Description: This project will replace outdated radio and telemetry equipment to keep pace with newer technologies and to match the system for the new WTP telemetry system.



Water Distribution Fund – TAP Supply Improvements

Project Name: **TAP Non-Peak and Emergency Supply Connection** Proj #: 2021-13

Total Project Cost: **$236,000** Duration: 1 year

	FY24	FY25
Expenses:		
Design	$35,400	
Construction	$200,600	
Revenues:		
Fees		
SDCs		
Grant	$236,000	
Other		

Explain "other": American Rescue Plan Act (ARPA) grant funded.

Anticipated Long Term Expenses: Expenses are expected to be little to none except for life-cycle replacement costs. Expenses are as agreed upon in the TAP agreements.

Description: The project involves installation of pipelines and a pressure Reducing Valve connection around Ashland's TAP booster station to provide non-peak and emergency supply from Ashland to Talent and Phoenix (reversing the normal system delivery method). This provides a gravity flow connection to Talent and Phoenix.

Water Distribution Fund – Booster Pump Station

Project Name: **TAP Regional BPS Short-Term Expansion** Proj #: 2021-13

Total Project Cost: **$211,000** Duration: 6 months

	FY24	FY25
Expenses:		
Design	$31,650	
Construction	$179,350	
Revenues:		
Fees		
SDCs		
Grant	$211,000	
Other		

Explain "other": American Rescue Plan Act (ARPA) grant funded.

Anticipated Long Term Expenses: Long term expenses include minimal maintenance and eventual life-cycle replacement as agreed upon in the TAP contracts.

Description: This project replaces a 50 hp pump with a 125 hp pump at the Regional booster pump station in Phoenix. This project is necessary to meet increasing TAP demands when all partner Cities are at maximum day demands. This project is required prior to Ashland increasing our TAP supply from 2.13 mgd to 3.0 mgd.

Water Distribution Fund – Booster Pump Station

Project Name: **TAP Regional BPS Programming Updates** Proj #: 2021-13

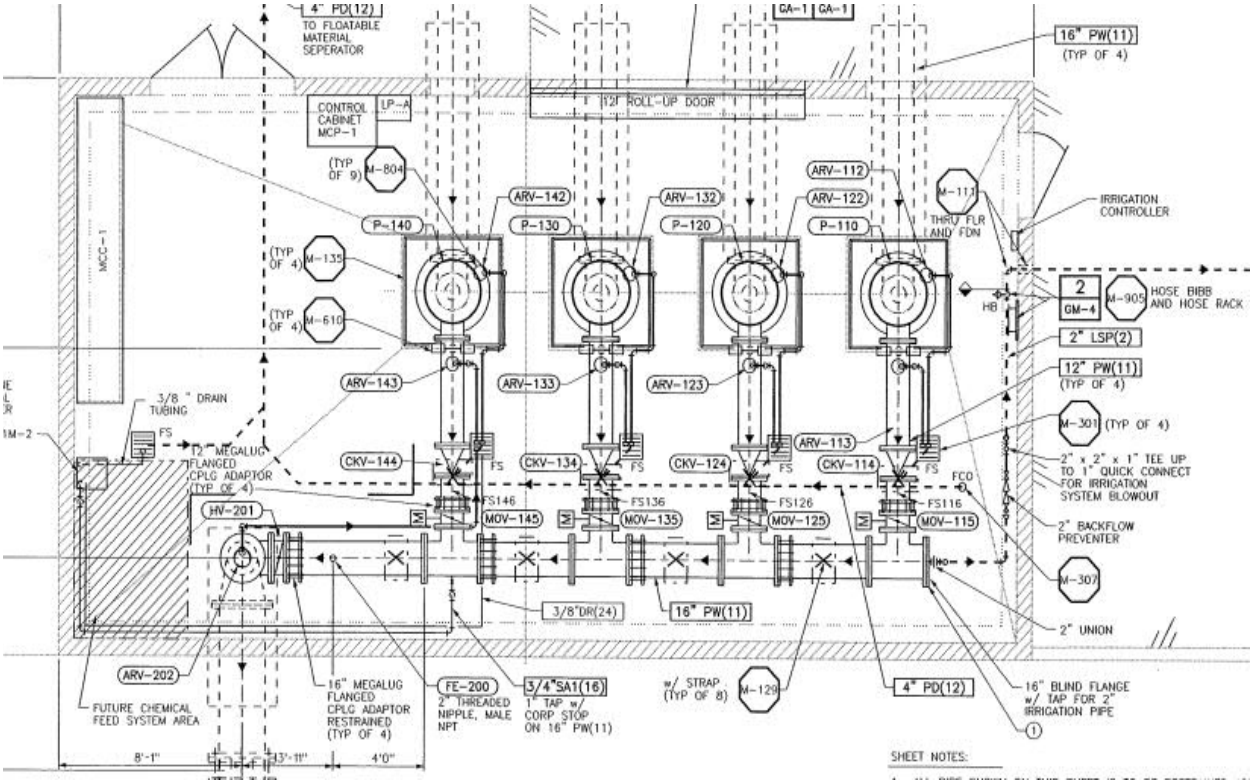
Total Project Cost: **$101,000** Duration: 6 months

	FY24	FY25
Expenses:		
Design		$20,200
Construction		$80,800
Revenues:		
Fees		
SDCs		
Grant		$101,000
Other		

Explain "other": American Rescue Plan Act (ARPA) grant funded.

Anticipated Long Term Expenses: Long term expenses include minimal maintenance and eventual life-cycle replacement as agreed upon in the TAP contracts.

Description: Control system software/hardware updates and programming at Phoenix shop BPS and Regional BPS serving Phoenix, Talent and Ashland.



Water Distribution Fund – Booster Pump Station

Project Name: **Talent BPS Generator Upgrade** Proj #: 2021-13

Total Project Cost: **$445,000** Duration: 1 year

	FY24	FY25
Expenses:		
Design		$66,570
Construction		$378,250
Revenues:		
Fees		
SDCs		
Grant		$445,000
Other		

Explain "other": American Rescue Plan Act (ARPA) grant funded.

Anticipated Long Term Expenses: Expenses are expected to be little to none except for life-cycle replacement costs. Expenses are as agreed upon in the TAP agreements.

Description: The existing generator at the Talent BPS is not large enough to provide enough electricity for the build-out demands of Talent and Ashland. This generator upgrade at the Talent BPS will provide full stand-by power for the Talent BPS to provide build-out demands for Talent and Ashland.

Water Distribution Fund – Booster Pump Station

Project Name: **Talent BPS Expansion** Proj #: 2021-13

Total Project Cost: **$138,000** Duration: 1 year

	FY24	FY25
Expenses:		
Design		$20,700
Construction		$117,300
Revenues:		
Fees		
SDCs		
Grant		$138,000
Other		

Explain "other": American Rescue Plan Act (ARPA) grant funded.

Anticipated Long Term Expenses: Expenses are expected to be little to none except for life-cycle replacement costs. Expenses are as agreed upon in the TAP agreements.

Description: The existing Talent BPS is undersized to provide maximum day demands for Talent and Ashland's 2.13 mgd at the same time. This project will install an additional 50 hp pump to increase total pumping capacity to match Talent and Ashland maximum day demands.

Water Distribution Fund – Booster Pump Station

Project Name: **Talent BPS Facility Seismic Upgrades** Proj #: 2021-13

Total Project Cost: **$100,000** Duration: 1 year

	FY24	FY25
Expenses:		
Design		$20,000
Construction		$80,000
Revenues:		
Fees		
SDCs		
Grant		$100,000
Other		

Explain "other": American Rescue Plan Act (ARPA) grant funded.

Anticipated Long Term Expenses: Expenses are expected to be little to none except for life-cycle replacement costs. Expenses are as agreed upon in the TAP agreements.

Description: Seismic resilience improvements to the facility to protect delivery of potable water to Talent and Ashland.

Water Supply Fund – Pipe Improvements

Project Name: **TAP 24" Transmission Main Seismic Improvements** Proj #: TBD

Total Project Cost: **$1,623,000** Duration: 1 year

	FY24	FY25
Expenses:		
Design	$324,600	
Construction	$1,298,400	
Revenues:		
Fees		
SDCs		
Grant	$1,623,000	
Other		

Explain "other": American Rescue Plan Act (ARPA) grant funded.

Anticipated Long Term Expenses: Long term expenses include minimal maintenance and eventual life-cycle replacement as agreed upon in the TAP contracts.

Description: Seismic enhancements to 1000 lineal feet of TAP critical 24-inch transmission main in Phoenix. This transmission main serves Talent-Ashland-Phoenix and is located in a seismically sensitive area (liquefaction).

WASTEWATER PROJECTS

Capital Improvements Plan 2024-2029 Construction Years Project Description	Regulatory	Capacity	Deficiency	Life Cycle	Project Totals FY24-FY25					
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**

Wastewater Fund – Treatment Plant

Project Name: **Water Quality Temperature Trading Program (Shading)** Proj #: 2018-21

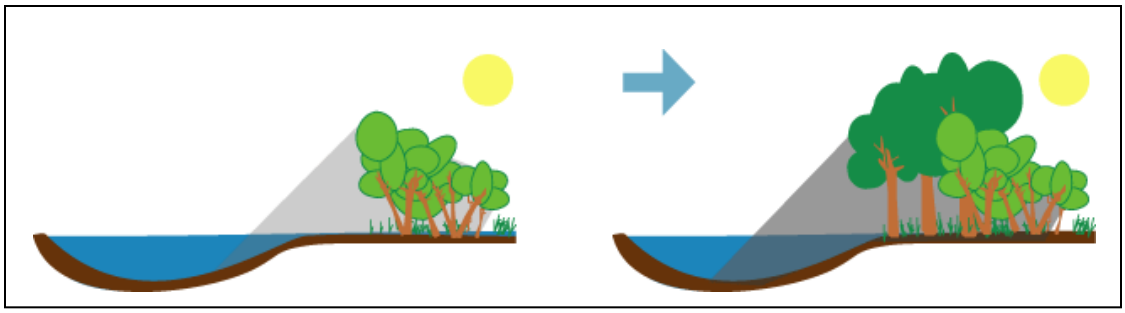
Total Project Cost: **$766,000** Duration: 25 years (2043)

	FY24	FY25
Expenses:		
Design		
Construction	$493,000	$273,000
Revenues:		
Fees	$419,050	$232,050
SDCs	$73,950	$40,950
Grant		
Other		

Explain "Other": This project is funded by a DEQ CWSRF Loan #R11754. The loan will be repaid over time with fees/rates.

Anticipated Long Term Expenses: This is a 20-year tree planting and riparian restoration project per site. Initial capital outlay is for site preparation and planting, and the initial 5 years to maintain the plantings which includes site clean-up, watering and potentially some re-vegetation for each site. Costs will diminish through the 20-year life as trees and vegetation matures. After the initial 5-year outlay for capital, this item will transition to wastewater treatment plant operational expenses. Loan funds will be repaid through previously anticipated increases to rates and fees. O&M costs are anticipated to start at $80,000 and go down to $50,000 per year for 20 years.

Description: This is one of several projects the City will complete to meet anticipated temperature standards to comply with new state water quality regulations as anticipated for the WWTP DEQ National Pollutant Discharge Elimination System (NPDES) permit renewal. This project was initiated with the completion of the 2012 Comprehensive Sewer Master Plan. Ashland's Water Quality Trading Plan was accepted by the Oregon Department of Environmental Quality (DEQ) on March 9, 2018, as being consistent with Oregon's Water Quality Trading Rule. The Water Quality Trading Plan will focus on implementing riparian re-vegetation and shading projects to generate "credits" to satisfy the City's anticipated upcoming temperature obligation. The Freshwater Trust is under phase 1 contract to begin the program architecture and pilot shading projects. Phase 2 planting (construction) is anticipated for the fall of 2019 depending upon finalizing the DEQ NPDES permit.



Wastewater Fund – Treatment Plant

Project Name: **UV System Upgrades/Replacement** Proj #: TBD

Total Project Cost: **$650,000** Duration: 1 years

	FY24	FY25
Expenses:		
Design		
Construction	$650,000	
Revenues:		
Fees	$429,000	
SDCs	$221,000	
Grant		
Other		

Anticipated Long Term Expenses: The ultraviolet (UV) system has a finite life of 15-20 years and must be maintained as any process in the treatment plant. Staff will include budget estimates for long range planning and this component will be evaluated in master plans. The master plan forecasts the need for an additional disinfection train in 2030.

Description: In 1998, the City's wastewater treatment plant opted for UV disinfection treatment over chemical chlorine disinfection. UV provides a safe, environmentally friendly, and cost-effective disinfection process that instantaneously neutralizes microorganisms as they pass by ultraviolet lamps submerged in the effluent. The process adds nothing to the water but UV light, and therefore, has no impact on the chemical composition or the dissolved oxygen content of the water. The current system has reached its useful component life. In addition to component replacement, an additional capacity enhancement will be added to improve hydraulic capacity to the system and increase the useful life. Staff will ensure interim operational solutions prior to this major upgrade in 2020.

UV DISINFECTION

Wastewater Fund – Treatment Plant

Project Name: **WWTP Headworks Process Improvements** Proj #:

Total Project Cost: **$4,250,000** Duration: 3 years

	FY24	FY25
Expenses:		
Design	$1,062,500	
Construction		$3,187,500
Revenues:		
Fees	$903,125	$2,709,375
SDCs	$159,375	$478,125
Grant		
Other		

Anticipated Long Term Expenses: Long term expenses are part of the overall maintenance process.

Description: The "headworks" of a wastewater treatment plant is the initial stage of the treatment process designed to reduce the level of pollutants in the incoming wastewater discharges. The headworks removes inorganics such as grit, plastics, rags and other larger debris from the influent waste stream to protect and reduce wear on the main wastewater process equipment. Headworks equipment includes pumps, mechanical screens, screening compactors, grit removal systems and grit washing systems. Upgrades to the wastewater treatment plant in 1998 did not fully replace the headworks. After many repairs, this will replace worn systems to the grit removal process and also replace the splitter box.

SCREEN

Wastewater Fund – Treatment Plant

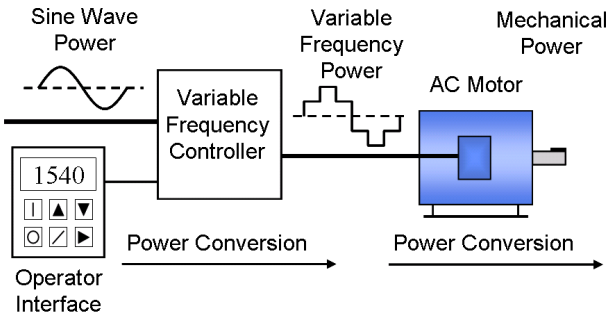
Project Name: **WWTP Harmonics Upgrade** Proj #:

Total Project Cost: **$300,000** Duration: 2 years

	FY24	FY25
Expenses:		
Design		
Construction	$150,000	$150,000
Revenues:		
Fees	$127,500	$127,500
SDCs	$22,500	$22,500
Grant		
Other		

Anticipated Long Term Expenses: The proposed harmonics improvements will improve general system operations and maintenance and should decrease the need for adjustments due to power interruptions.

Description: Treatment plant staff have struggled with multiple minor power system problems including interruptions, interference, downtime, and instrumentation disruption. The likely cause is due to harmonic distortion and was evaluated in the 2019 Facilities Assessment. This project will identify the causes of system disruptions and correct the electrical distortion likely caused by the multiple variable frequency drives and transformers on site.



Wastewater Fund – Treatment Plant

Project Name: **WWTP Secondary Clarifier 2 Improvements** Proj #: TBD

Total Project Cost: **$397,500** Duration: 2 years

	FY24	FY25
Expenses:		
Design		$79,500
Construction		$318,000
Revenues:		
Fees		$337,875
SDCs		$59,625
Grant		
Other		

Anticipated Long Term Expenses: Long term expenses are part of the overall maintenance process.

Description: Secondary clarification is provided by three circular clarifiers. Flow is distributed to the clarifiers by a splitter box. Each clarifier is a center feed unit with a rotating sludge removal mechanism. The system includes flow control gates, valves, and scum pumping. All three clarifiers typically operate throughout the year. Clarifier #2 systems were not replaced as part of the treatment plant improvement project of 1998 project. The 2018 Facility Plan recommended upgrading Clarifier #2 to match the operational systems of Clarifiers 1 and 3. Benefits include more similar clarifier performance (consistent sludge movement, eliminated draft tube plugging, etc.), and Operations will no longer need to adjust the suction pipe valves to balance the sludge removal.

Wastewater Fund – Treatment Plant

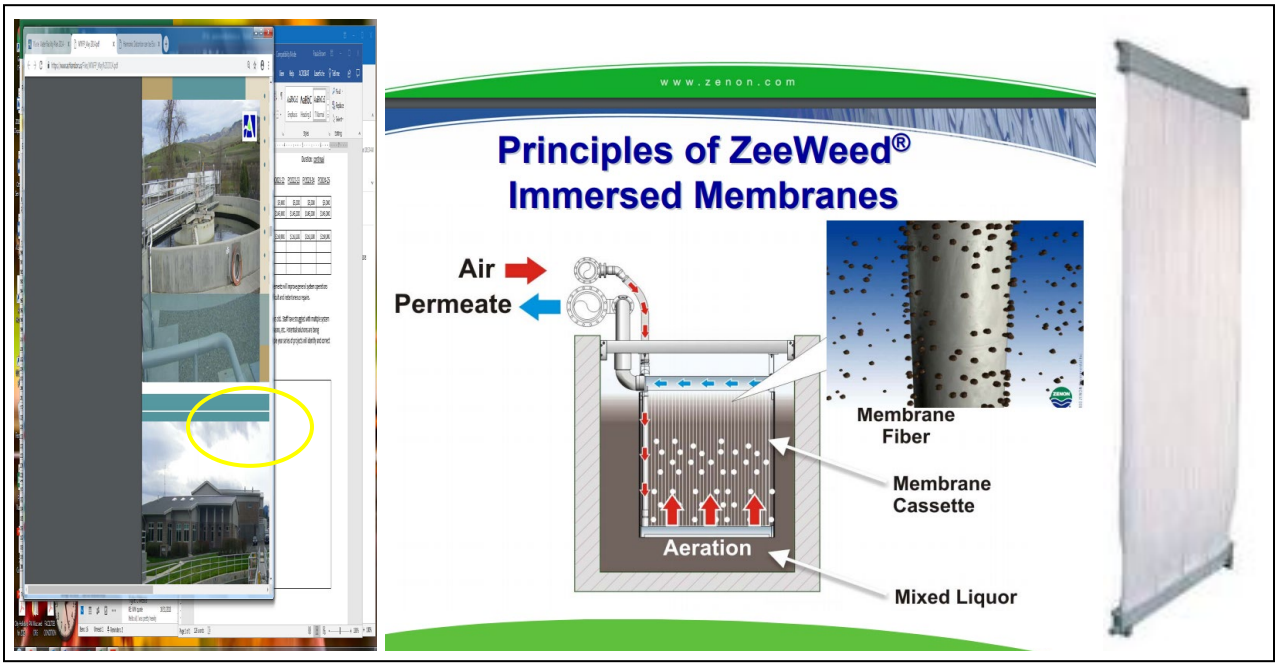
Project Name: **WWTP Membrane Replacement** Proj #: TBD

Total Project Cost: **$1,200,000 every 10 years** Duration: continual

	FY24	FY25
Expenses:		
Design		
Construction	$1,200,000	
Revenues:		
Fees	$1,200,000	
SDCs		
Grant		
Other		

Anticipated Long Term Expenses: The membrane trains must be replaced every 10 + years. This project identifies and forecasts funding for that requirement. After the last replacement in 2012, the City began putting monies into a sinking fund to cover the life cycle replacement costs.

Description: In 2003, the City opted to build and use membrane filtration as a tertiary filtration to remove phosphorous. The membrane filters are in "cassettes" and have a 10+ year life. Over time the membrane cassettes must be replaced. Technology of the membranes have improved, and the City will ensure appropriate upgrades during the scheduled replacement. The proposed 2023 upgrade will increase capacity and ultimately reduce operational and maintenance requirements. This project will be coordinated with the membrane pumps and piping replacement project.



Wastewater Fund – Collection System

Project Name: **Wastewater Miscellaneous In-House Replacement** Proj #: 704100

Total Project Cost: **$125,000** Duration: continual

	FY24	FY25
Expenses:		
Design		In-House
Construction	$125,000	$125,000
Revenues:		
Fees	$112,500	$112,500
SDCs	$12,500	$12,500
Grant		
Other		

Anticipated Long Term Expenses: The proposed improvements will improve overall system operations and maintenance. Replacing pipes on a schedule will decrease the need for difficult and instantaneous repairs and prevent sewage spills.

Description: The City's sanitary sewer maintenance crew is devoted to repairing and replacing lines based upon the concerns found with the camera before there are significant problems, or in addition to repair work that is completed annually. Projects will be added based online evaluations and the priority list from the 2022 Collection Master Plan when complete.

Wastewater Fund – Collection System

Project Name: **Sanitary Sewer Miscellaneous Trenchless Lining** Proj #: TBD

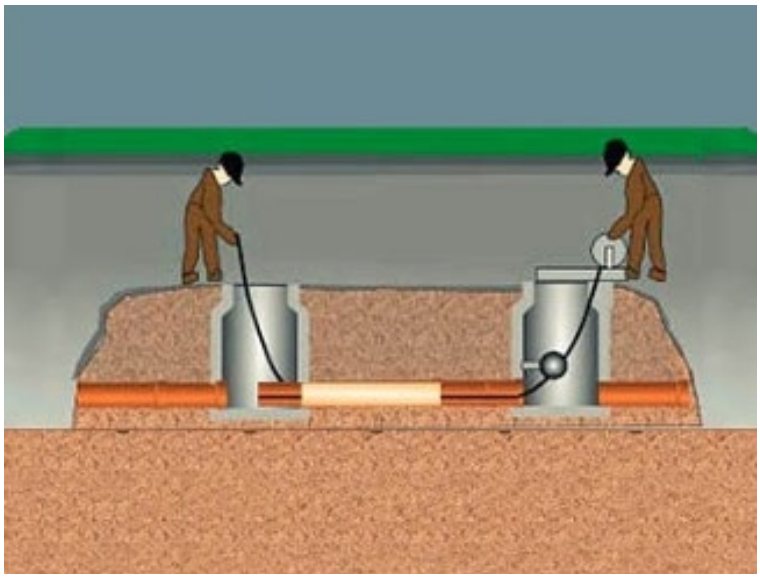
Total Project Cost: **$500,000** Duration: continual

	FY24	FY25
Expenses:		
Design		
Construction		$500,000
Revenues:		
Fees		$500,000
SDCs		
Grant		
Other		

Anticipated Long Term Expenses: The proposed improvements will improve overall system operations and maintenance. Having "new" pipes should decrease the need for difficult and instantaneous repairs and sewage spills.

Staff anticipates that some of these projects will be eligible for SDC funding to accommodate capacity improvements.

Description: In most cases if a pipe is too small, it must be replaced with a larger size. However, if pipes are damaged, but sized correctly, trenchless technology may be an option to restore or upgrade pipes. Trenchless technology is typically completed as a liner (4' to 24" pipes) or a resin coating (mostly smaller pipe sizes and manholes). There are specialty companies that specialize in this type of work. This series of projects will define maintenance problem sewer lines, pipes that are in areas difficult to replace (homeowner back yards or areas with many utility conflicts) and bundle these for a $250,000 per biennium project. Current projects include: backyard along Oak from Lithia to B and potentially Tolman.



Wastewater Fund – Collection System

Project Name: **Hardesty Property Site Development and Equipment Storage** Proj #: 704200

Total Project Cost: **$780,440** Duration: 1 years

	FY24	FY25
Expenses:		
Design		
Construction	$780,440	
Revenues:		
Fees	$780,440	
SDCs		
Grant		
Other		

Anticipated Long Term Expenses: The proposed improvements will generate long term building maintenance and energy consumption requirements along site management for storm water disposal of sweeper materials.

Description: The City recently purchased the Hardesty property to utilize as a resource for equipment storage and staging in order to divest itself of the current "B" Street yard location. The project includes site development work, demolition of existing structures and construction of a new metal equipment storage building. Costs will be shared between the wastewater, streets and storm drain funds as the building and site will be utilized primarily by these enterprise funds.

Wastewater Fund – Collection System

Project Name: **Pinpoint I/I Sources in Various Basins** Project #: TBD

Total Project Cost: **$163,000 (2 Years)** Duration: 2 years

	FY24	FY25
Expenses:		
Design	In-House	
Construction	$163,000	
Revenues:		
Fees	$163,000	
SDCs		
Grant		
Other		

Anticipated Long Term Expenses: The proposed improvements will improve overall system operations and maintenance. This will improve the likelihood of directly targeting and removing I/I, and best applying the City's financial resources**.**

Description:
The flow monitoring program and condition assessment conducted for this Comprehensive Sanitary Sewer Collection System Master Plan (CSSCSMP) provide a high-level assessment of the entire collection system and assist with prioritizing I/I reduction efforts on a basin-by-basin basis. However, additional investigation is recommended to pinpoint I/I within the high-priority basins. This section describes potential techniques. The areas of these basins known to be constructed in the early 20th century and of older pipe materials should be the focus of I/I pinpointing techniques. Areas that were constructed later and of modern materials such as PVC should also be investigated but should be considered lower priority.

Wastewater Fund – Collection System

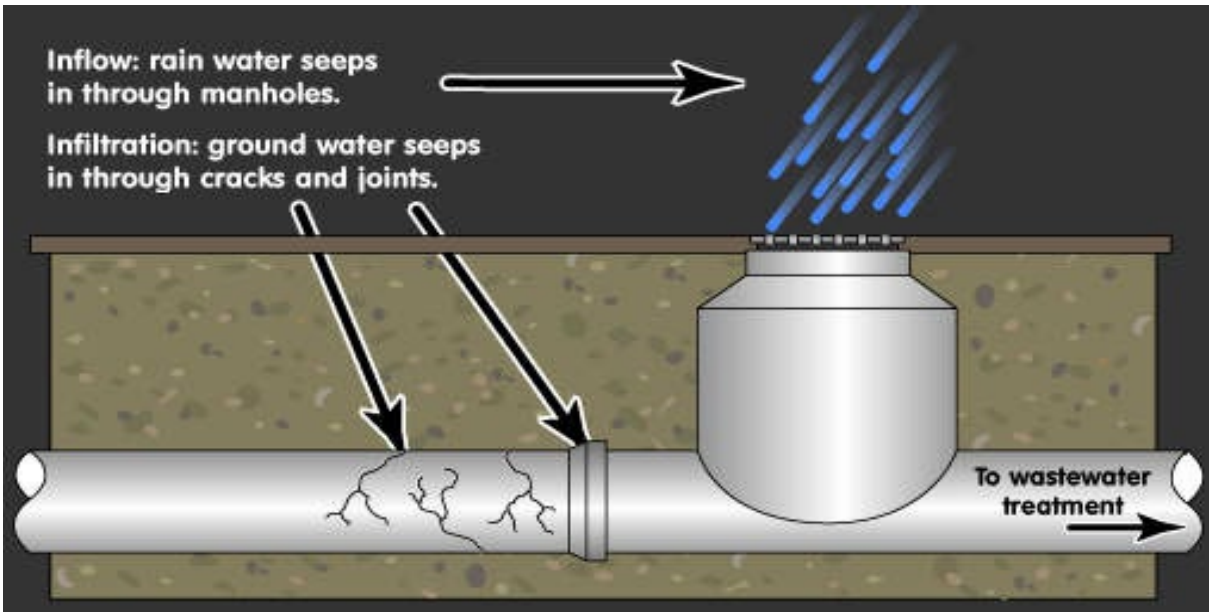
Project Name: **Annual I/I Reduction and Collection System Replacement** Project #: TBD

Total Project Cost: **$100,000** Duration: Continuous

	FY24	FY25
Expenses:		
Design		In-House
Construction		$100,000
Revenues:		
Fees		$100,00
SDCs		
Grant		
Other		

Anticipated Long Term Expenses: The proposed improvements will improve overall system operations and maintenance. Replacing and or repairing identified I/I within the system on a schedule will decrease the need for difficult and instantaneous repairs and is the best use of City financial resources.

Description:
The City is committed to reducing I/I and has the general goal of replacing the entire collection system on an interval of approximately 100 years. Replacement of the entire collection system over a 100-year span would require an average annual investment of approximately $2M based on the project cost per linear foot described in **Table 7-2 of the Collection System Master Plan**. It is assumed that this level of investment in the sewer system is currently unrealistic, and some of this work is anticipated to be completed at discounted rates by City crews, or by less-costly trenchless methods. An annual allowance of $100,000 has been identified for this project.



Wastewater Fund – Collection System

Project Name: **Wastewater Line Upsizing – Bear Creek Interceptor - Wightman to Tolman Creek Road**

Project #: (TBD)

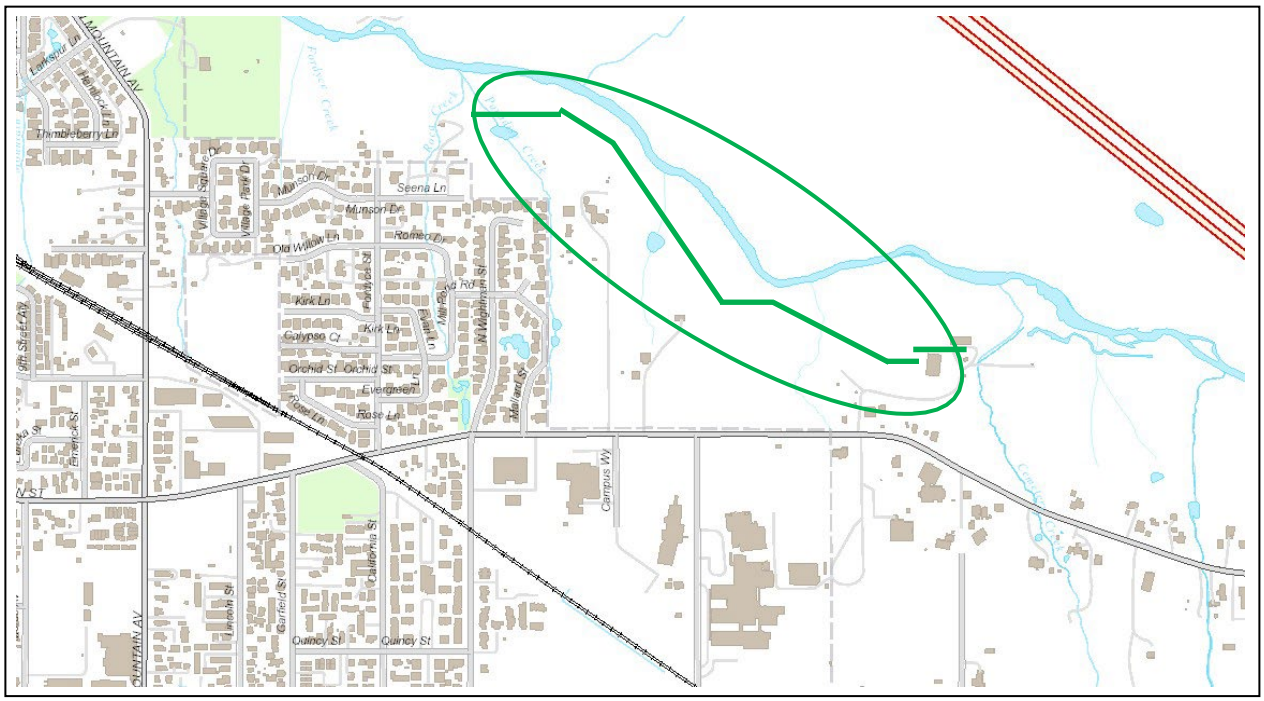
Total Project Cost: **$800,000**

Duration: 4 years

	FY24	FY25
Expenses:		
Design	$300,000	
Construction		$500,000
Revenues:		
Fees	$90,000	$150,000
SDCs (70%)	$210,000	$350,000
Grant		
Other		

Anticipated Long Term Expenses: The proposed improvements will improve overall system operations and maintenance. Routine inspection and general maintenance will be required.

Description: Replace the section of the interceptor from approximately North Wightman Street to approximately Walker Avenue (approximately 1,700 LF) with 18-inch diameter PVC sewer main. Replace the section of the interceptor from approximately Walker Avenue to approximately Tolman Creek Road (approximately 4,100 LF) with 15-inch diameter PVC sewer main. Inverts along the alignment should be adjusted to mitigate existing shallow slopes.



STORMDRAIN PROJECTS

Capital Improvements Plan 2024-2029 Construction Years Project Description	Regulatory	Capacity	Deficiency	Life Cycle	Project Totals FY24-FY25					
StormDrain					**FY24**	**FY25**	**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	$ -	$ 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					**$ 540,220**	**$ 640,000**	**$ 1,180,220**	**$ 64,908**	**$ -**	**$ 1,115,312**

Storm Water Fund

Project Name: **Hardesty Property Site Development and Equipment Storage** Proj #: 704200

Total Project Cost: **$390,220** Duration: 2 years

	FY24	FY25
Expenses:		
Design		
Construction	$390,220	
Revenues:		
Fees	$390,220	
SDCs		
Grant		
Other		

Anticipated Long Term Expenses: The proposed improvements will generate long term building maintenance and energy consumption requirements along site management for storm water disposal of sweeper materials.

Description: The City recently purchased the Hardesty property to utilize as a resource for equipment storage and staging in order to divest itself of the current "B" Street yard location. The project includes site development work, demolition of existing structures and construction of a new metal equipment storage building. Costs will be shared between the wastewater, streets and storm drain funds as the building and site will be utilized primarily by these enterprise funds.

Storm Water Fund

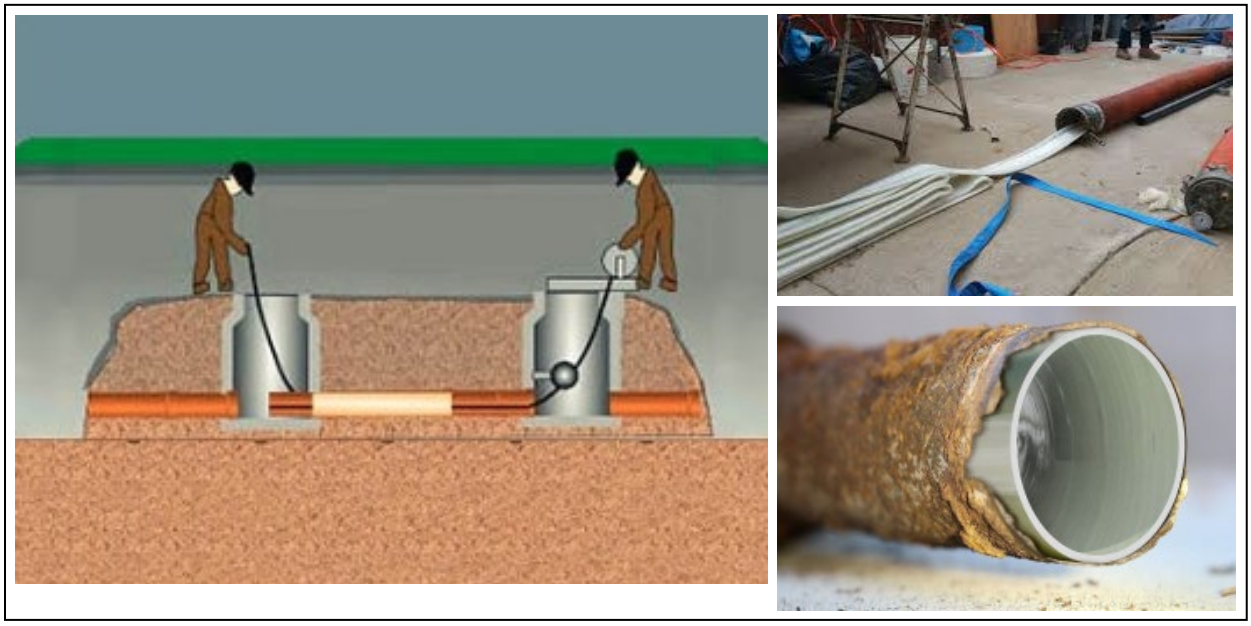
Project Name: **Stormwater Miscellaneous Trenchless Lining** Proj #: TBD

Total Project Cost: **$150,000** Duration: continual

	FY24	FY25
Expenses:		
Design		
Construction		$150,000
Revenues:		
Fees		$150,000
SDCs		
Grant		
Other		

Anticipated Long Term Expenses: The proposed improvements will improve overall system operations and maintenance.

Description: In most cases if a pipe is too small, it must be replaced with a larger size. However, if pipes are damaged, but sized correctly, trenchless technology may be an option to restore or upgrade pipes. Trenchless technology is typically completed as a liner (4' to 24" pipes) or a resin coating (mostly smaller pipe sizes and manholes). The series of maintenance projects will define problem stormwater lines that are in areas difficult to replace (homeowner back yards or areas with many utility conflicts) and bundle these for a $150,000 per budget biennium.



Storm Water Fund

Project Name: **North Mountain Avenue** Proj #: TBD

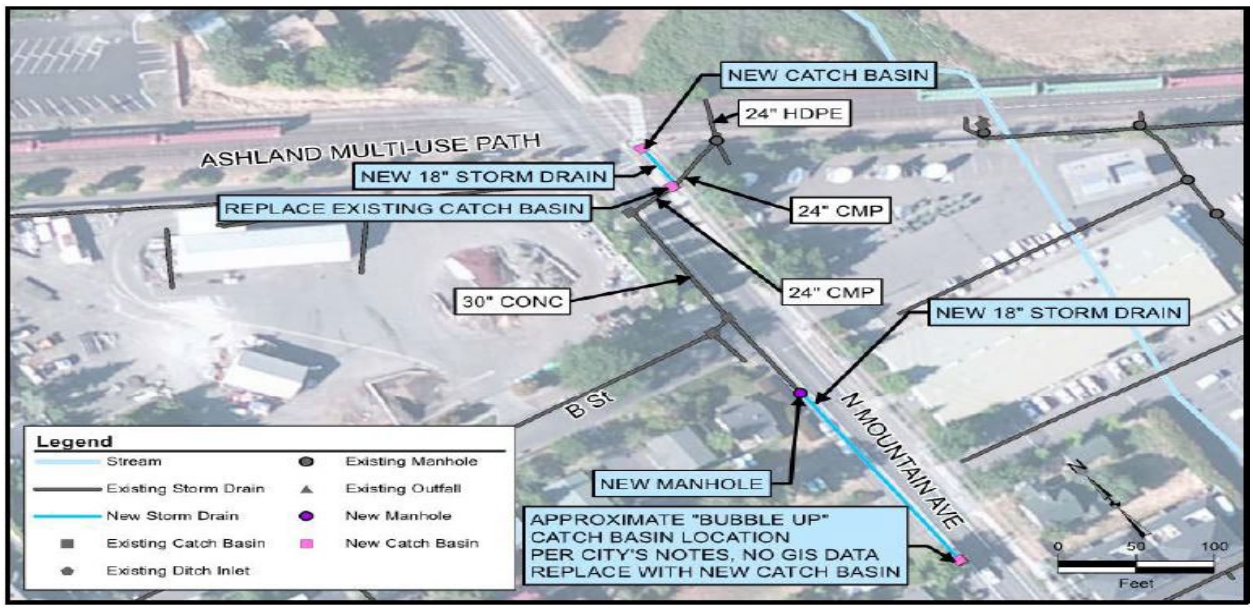
Total Project Cost: **$220,000** Duration: 1 year

	FY24	FY25
Expenses:		
Design		
Construction		$220,000
Revenues:		
Fees		$197,894
SDCs		$22,106
Grant		
Other		

Anticipated Long Term Expenses: Long term expenses include life cycle replacement and ongoing inspection and cleaning requirements associated with the city's municipal storm sewer Department of Environmental Quality Permit (MS4).

Description: The City has identified a flooding problem on the multi-use path crossing North Mountain Avenue along the railroad tracks. The curb inlet in this location is currently at a higher elevation than the flooding area to the north, allowing water to bypass the inlet and pond along the roadway. The City would like to reduce flooding in this area by installing a new catch basin at the low spot to capture all runoff.

This project will include installation of a new catch basin and new storm drain piping from the multi-use path to the existing storm drain system on the eastern side of North Mountain Avenue and new storm drain pipe running south along the western side of North Mountain Avenue to eliminate a "bubble up" identified by the City on N Mountain Avenue south of B Street.



Storm Water Fund

Project Name: **Siskiyou Blvd at University Way** Proj #: TBD

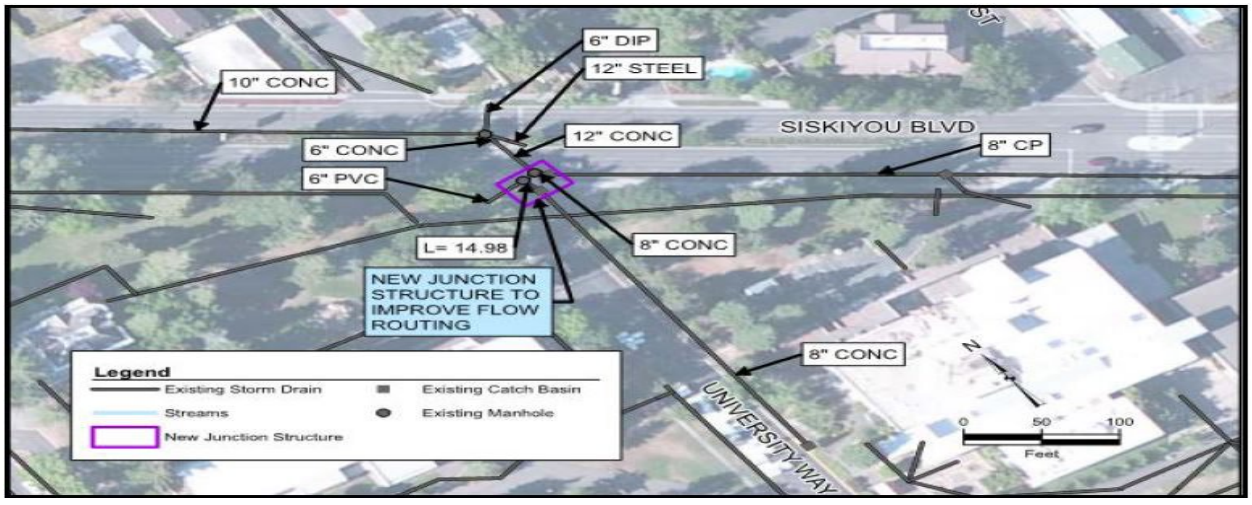
Total Project Cost: **$150,000** Duration: one year

	FY24	FY25
Expenses:		
Design	$30,000	
Construction	$120,000	
Revenues:		
Fees	$132,450	
SDCs	$17,550	
Grant		
Other		

Anticipated Long Term Expenses: Long term expenses include life cycle replacement and ongoing inspection and cleaning requirements associated with the city's municipal storm sewer Department of Environmental Quality Permit (MS4).

Description: The City has reported flooding at the intersection of University Way and Siskiyou Boulevard. The City reports that debris accumulates in flat pipes and a pond will form around the manhole on the southern side of the intersection including a portion of the sidewalk, primarily caused by flat grades of existing storm drain piping. The City would like to reduce flooding by replacing the existing junction structure.

This project will include installation of a new larger junction structure, a new catch basin, and all associated piping. The junction structure will replace the two existing junction structures at the intersection of University Way and Siskiyou Boulevard. The junction will be designed to remove the blind tee that the City has identified as a problem and reduce debris accumulation in the pipes by improving hydraulic routing. The new junction will connect to existing piping at this intersection. The catch basin will be placed to allow improved access to the sidewalk via the accessibility ramp cut into the curb.



Storm Water Fund

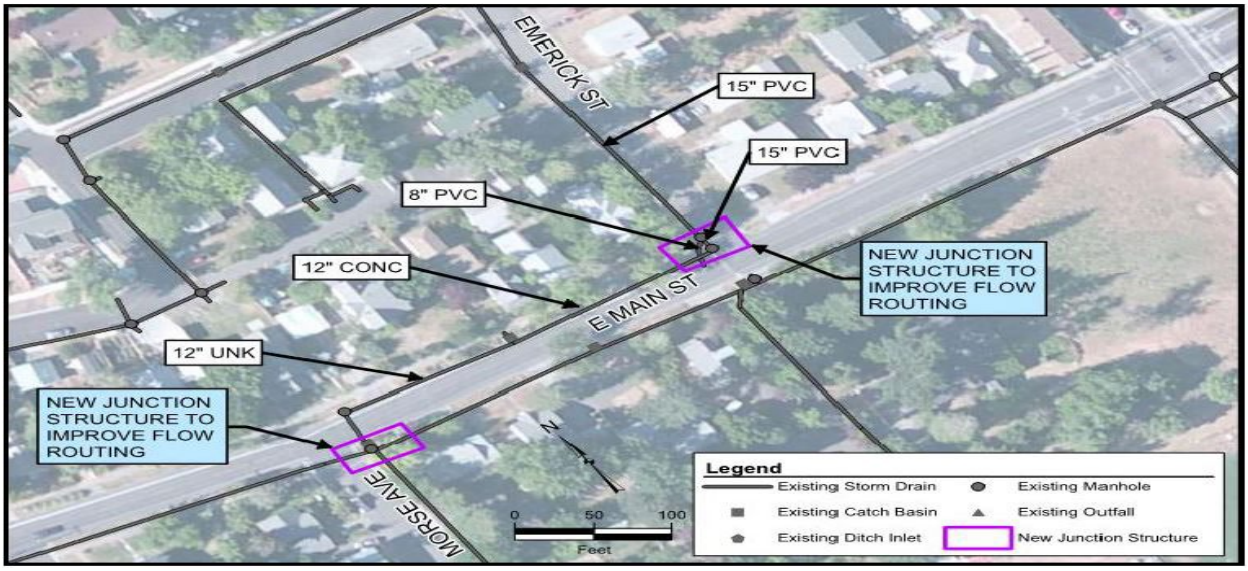
Project Name: **East Main Street at Emerick Street** Proj #: TBD

Total Project Cost: **$270,000** Duration: one year

	FY24	FY25
Expenses:		
Design		$54,000
Construction		$216,000
Revenues:		
Fees		$238,410
SDCs		$31,590
Grant		
Other		

Anticipated Long Term Expenses: Long term expenses include life cycle replacement and ongoing inspection and cleaning requirements associated with the city's municipal storm sewer Department of Environmental Quality Permit (MS4).

Description: The City has reported a flooding problem along East Main Street between Morse Avenue and Emerick Street. The City reports that water flowing in the conveyance along East Main Street blows off the manhole lid at the corner of East Main Street and Emerick Street. The likely cause of the hydraulic constriction is the flat grade of the existing storm drain system along East Main Street. The City would like to reduce flooding by improving two junction structures in the flooded area.
This project will include replacing two junction structures on East Main Street. Both the junction on East Main Street at Morse Avenue and the junction on East Main Street at Emerick Street will be replaced with structures designed to reduce energy losses and improve hydraulic routing that will tie into the existing storm drain system.



AIRPORT PROJECTS

Capital Improvements Plan 2024-2029 Construction Years Project Description	Regulatory	Capacity	Deficiency	Life Cycle	Project Totals FY24-FY25 FY24	FY25	Project Totals		Other (grants)	Fees & Rates (debt)
Airport										
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**

Airport Fund

Project Name: **Oregon Department of Aviation Taxiway Rehabilitation** Proj #: TBD

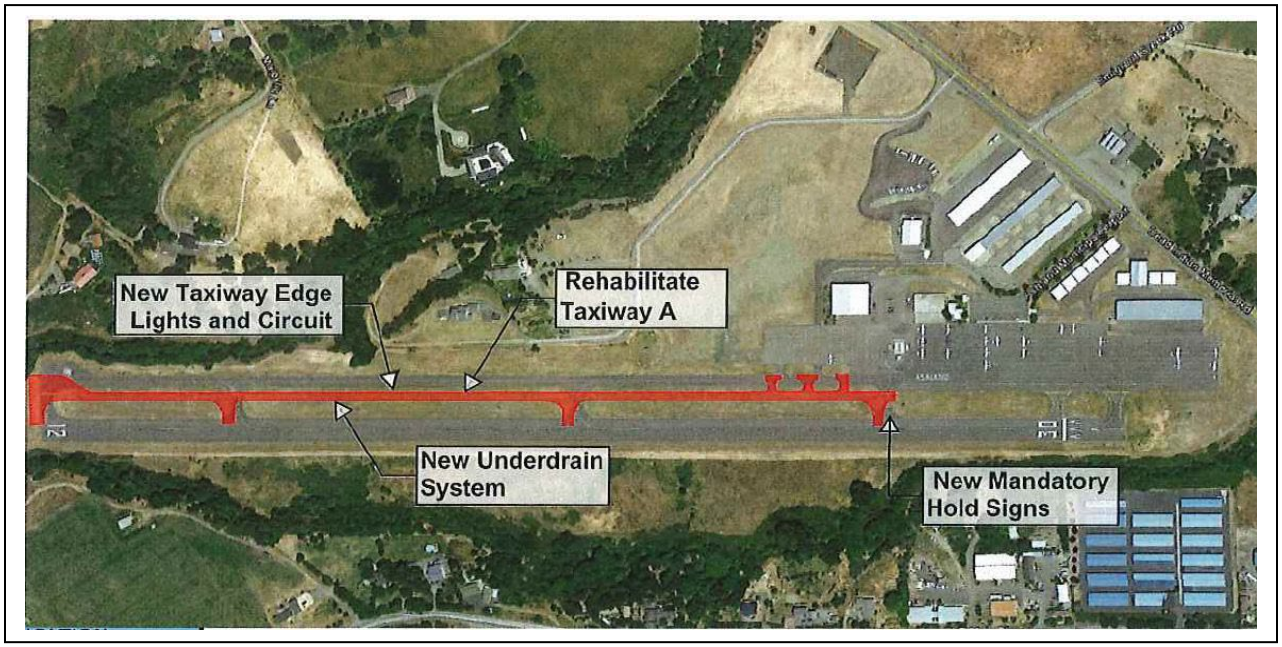
Total Project Cost: **$1,200,000** Duration: 2 years

	FY24	FY25
Expenses:		
Design		
Construction	$1,200,000	
Revenues:		
Fees	$120,000	
SDCs		
Grant		
Other	$1,080,000	

Grant: The Federal Aviation Administration has funded this project at 90%. The City has also received a Critical Oregon Airport Relief (COAR) grant that will fund $150,000 of the total 10% match required.

Anticipated Long Term Expenses: include continued maintenance of asphalt for the airport.

Description: The airport's parallel taxiway is shown in the 2016 ODA Pavement Maintenance report as satisfactory to poor. Work elements for the project are general mill and overlay of the taxiway, new subsurface drainage, new taxiway edge lights and new mandatory lighted hold position signs. Project is intended to be grant funded at 99% with a 1% match through the Airport Fund.



Airport Fund

Project Name**: North Apron Reconstruction Project** **Project#:** (TBD)

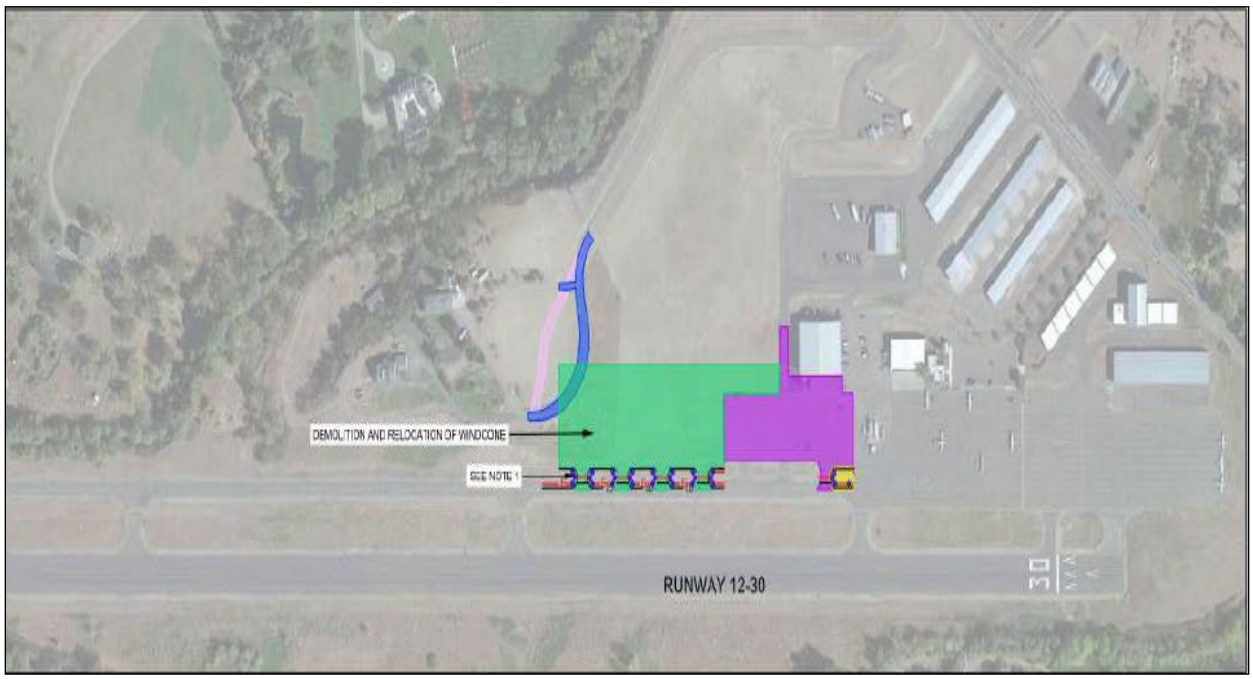
Total Project Cost: **$3,575,000** **Duration:** 2 year

	FY24	FY25
Expenses:		
Design	$333,000	
Construction		$3,242,000
Revenues:		
Fees	$33,300	$324,200
SDCs		
Grant	$299,700	$2,917,800
Other		

Grant: It is expected that the Oregon Department of Aviation will fund this as 90% grant. The City will apply for a Critical Oregon Airport Relief (COAR) grant that could fund 9% or a max of $250,000 of the 10% remaining project cost.

Anticipated Long Term Expenses: Long term expenses are part of the overall maintenance process.

Description: The North Apron was originally constructed in 1995 and has reached the end of its useful life. The 2019 PCI value for the North Apron was 54 and was projected to be 53 in 2024. The Airport has an increased need for tie down spaces, and the 2020 Master Plan identified an Apron expansion to the north as a priority project. This project will reconstruct the existing North Apron pavement and construct new pavement with connector taxiways to Taxiway A consistent with the ALP.



ADMINISTRATION - FACILITIES PROJECTS

Capital Improvements Plan 2024-2029 Construction Years Project Description	Regulatory	Capacity	Deficiency	Life Cycle	Project Totals FY24-FY25 FY24	FY25	Project Totals	Other (grants)	Fees & Rates (debt)
Facilities									
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	X		X	X	$ 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**

Facilities Fund

Project Name: **City Facilities Miscellaneous Upgrades and Renovations** Proj #: 704100

Total Project Cost: **$560,000** Duration: continual

	FY24	FY25
Expenses:		
Design	$28,000	$28,000
Construction	$252,000	$252,000
Revenues:		
Fees	$280,000	$280,000
SDCs		
Grant		
Other		

Anticipated Long Term Expenses: City facilities must be adequately maintained and have funds set aside and protected for future major expenses and capital repair items (roof, HVAC, electric, security, etc.).

Description: This project allocates funding in the in-house capital improvements for miscellaneous upgrades, replacements and repairs for systems (HVAC, electrical, siding, flooring, roofing, etc.).

Facilities Fund

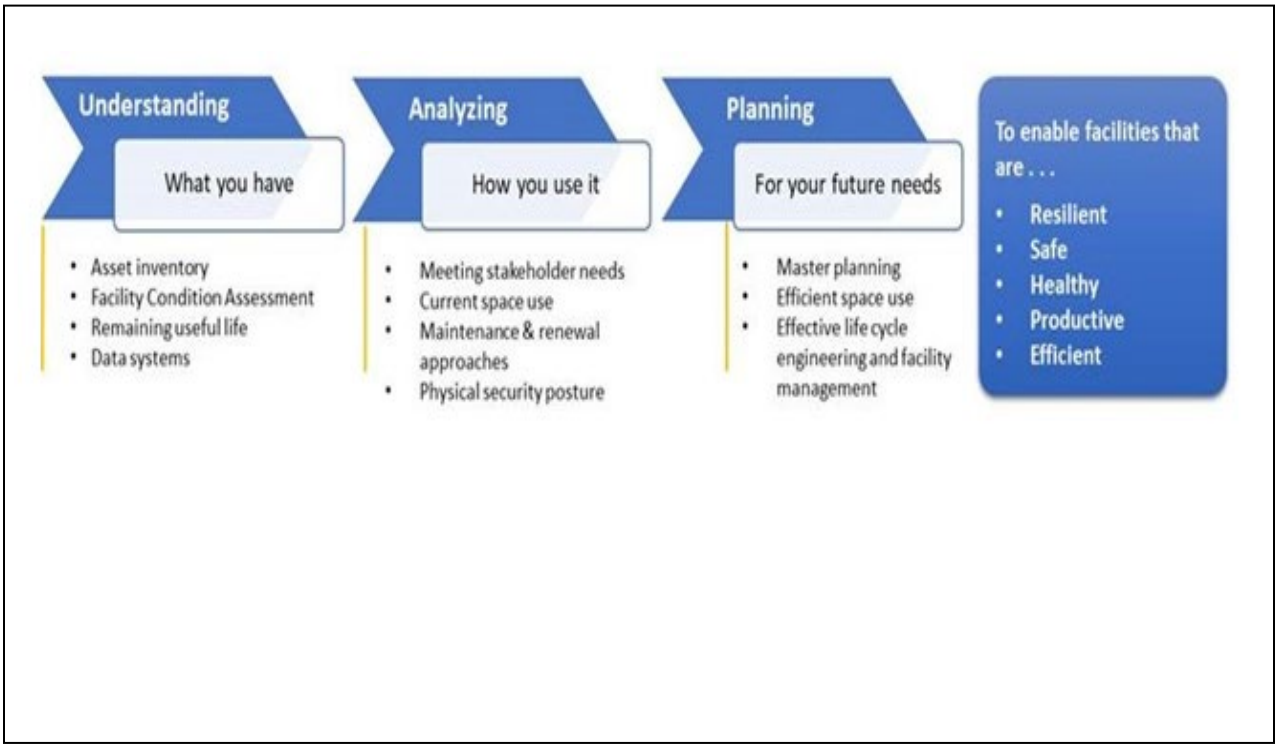
Project Name: **City Facility Optimization Program** Proj #: 704200

Total Project Cost: **$500,000** Duration: 2 years

	FY24	FY25
Expenses:		
Design	$250,000	
Construction		$250,000
Revenues:		
Fees	$250,000	$250,000
SDCs		
Grant		
Other		

Anticipated Long Term Expenses: Any proposed improvements or building modifications to support changes in community meeting and staffing needs will generate long term building maintenance and energy consumption requirements.

Description: Project(s) are meant to improve current city building functionality from both a basic operational standpoint, but also provide better public meeting space and improved customer service interactions. Improvements would be designated from performing an updated Facility Planning, Space Needs and Optimization Plan. The plan will look at City operation functionality within each public building and recommend structural changes that could include changing and combining divisions, improving public meeting spaces and customer service locations that might lead to the ability to divest in some City owned buildings.



Facilities Fund

Project Name: **Briscoe School Improvements** Proj #: TBD

Total Project Cost: **$1,300,000** Duration: 1 years

	FY24	FY25
Expenses:		
Design		
Construction	$1,300,000	
Revenues:		
Fees		
SDCs		
Grant	$1,300,000	
Other		

Anticipated Long Term Expenses: The proposed improvements will generate long-term building maintenance and energy consumption requirements.

Description: The City of Ashland received grant funding for Briscoe School improvements to support the Oregon Childhood Development Coalition use of the buildings. Improvements include roof replacement, floor replacement, asbestos mitigation and potentially upgrading the HVAC Systems

Facilities Fund

Project Name: **Pioneer Hall & Community Center Rehabilitation** Proj #: 704200

Total Project Cost: **$1,953,074** Duration: 1 years

	FY24	FY25
Expenses:		
Design	$195,000	
Construction	$1,758,074	
Revenues:		
Fees	$1,953,074	
SDCs		
Grant		
Other		

Anticipated Long Term Expenses: The proposed improvements will generate long term building maintenance and energy consumption requirements. Once back in operation the buildings will be able to be rented for use to cover general overhead.

Description: Pioneer Hall and the Community Center have known structural and accessibility deficiencies. These have been identified through prior engineering analysis. Preliminary design plans have been developed for Pioneer Hall and general recommendations for improvements have been developed for the Community Center. The project will finalize engineering and architectural plans to bring the structures up to current building code along with improving accessibility to meet Americans with Disabilities access and use requirements.

Facilities Fund

Project Name: **City Facility Deferred Maintenance Program** Proj #: 704200

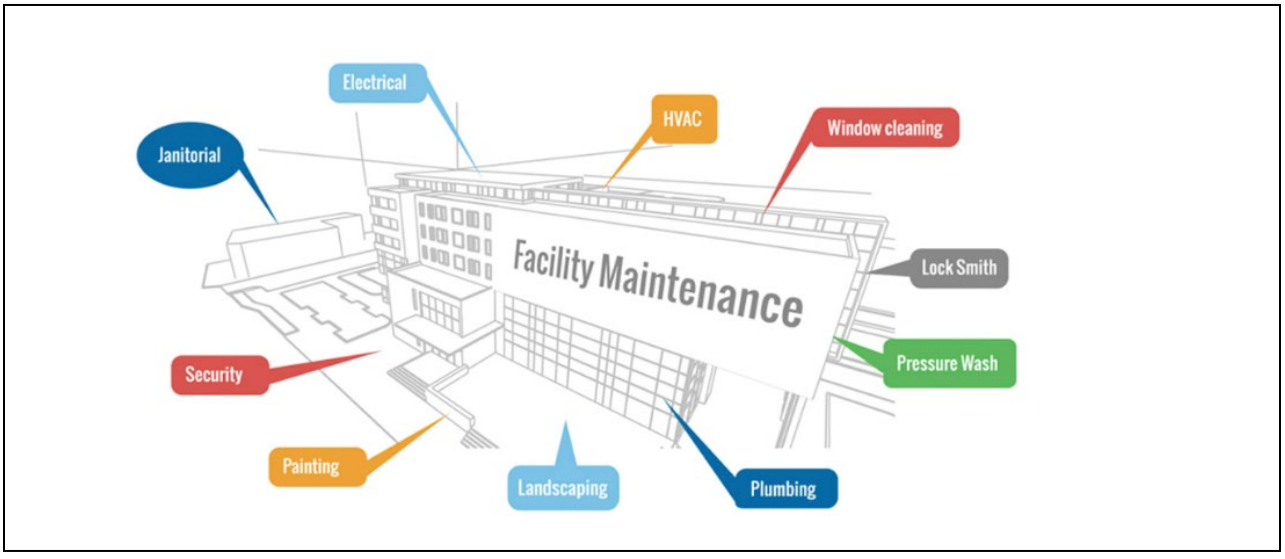
Total Project Cost: **$1,500,000 over 6 years** Duration: On-Going

	FY24	FY25
Expenses:		
Design	$50,000	$50,000
Construction	$200,000	$200,000
Revenues:		
Fees	$250,000	$250,000
SDCs		
Grant		
Other		

Anticipated Long Term Expenses: Long term expenses are tied to life cycle replacement and facility upgrades required to improve operational efficiency, reduce energy & water consumptions and enhance customer service experiences.

Description: Project(s) are meant to systematically tackle deferred and previously unfunded maintenance. Projects include the life cycle replacement of major facility infrastructure will reducing energy and water use, improving accessibility and overall building functions. Major projects needs for FY24 & FY25 include:

1. Fleet Shop – Hoist Replacement, Oil Tank Replacement, Compressor Replacement
2. Courts – Roof and Associated Structure improvements
3. Police – Secondary Heat
4. General – Parking Lot Paving Maintenance
5. Fire Station #1 – Flooring
6. City Hall- HVAC Systems
7. Service Center – Fuel Island
8. Community Development – Window Tint
9. Shop Floor Refinish



ELECTRIC PROJECTS

Capital Improvements Plan 2024-2029 Construction Years Project Description	Regulatory	Capacity	Deficiency	Life Cycle	Project Totals FY24-FY29					
Electric					**FY24**	**FY25**	**Project Totals**		**Other (grants)**	**Fees & Rates (debt)**
Wildfire Mitigation					$ 50,000	$ 50,000	$ 100,000		$ -	$ 100,000
Substation Uperades					$ 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 Master Plan					$ -	$ 100,000	$ 100,000		$ -	$ 100,000
ELECTRIC					**$ 1,025,000**	**$ 550,000**	**$ 1,475,000**		**$ -**	**$ 1,475,000**

Electric Fund

Project Name: **Wildfire Mitigation** Proj #: 704200

Total Project Cost: **$500,000** Duration: On-Going

	FY24	FY25
Expenses:		
Design	$50,000	$50,000
Construction		
Revenues:		
Fees	$50,000	$50,000
SDCs		
Grant		
Other		

Anticipated Long Term Expenses:

Description: The Electric Department intends to have an assessment done to identify wildfire risk associated with the electric distribution system. Then using that assessment, prioritize and plan system upgrades to reduce the chances of the electric system causing a fire, and to reduce the potential impact a fire would have on the system. Some upgrades have already been done using information learned from industry partners.

Electric Fund

Project Name: **Sub-station upgrades** Proj #: TBD

Total Project Cost: **$1,000,000** Duration: 2-3 years

	FY24	FY25
Expenses:		
Design		
Construction	$850,000	$150,000
Revenues:		
Fees	$850,000	$150,000
SDCs		
Grant		
Other		

Explain "other":

Anticipated Long Term Expenses:

Description: Upgrades to increase capacity of the Mountain Ave sub-station will increase the resiliency of the utility and insure that the utility will be able to meet the demands that are anticipated with the adoption of electric vehicles and the switching to electricity from natural gas in homes and businesses.

Electric Fund

Project Name: **Underground Expansion** Proj #: TBD

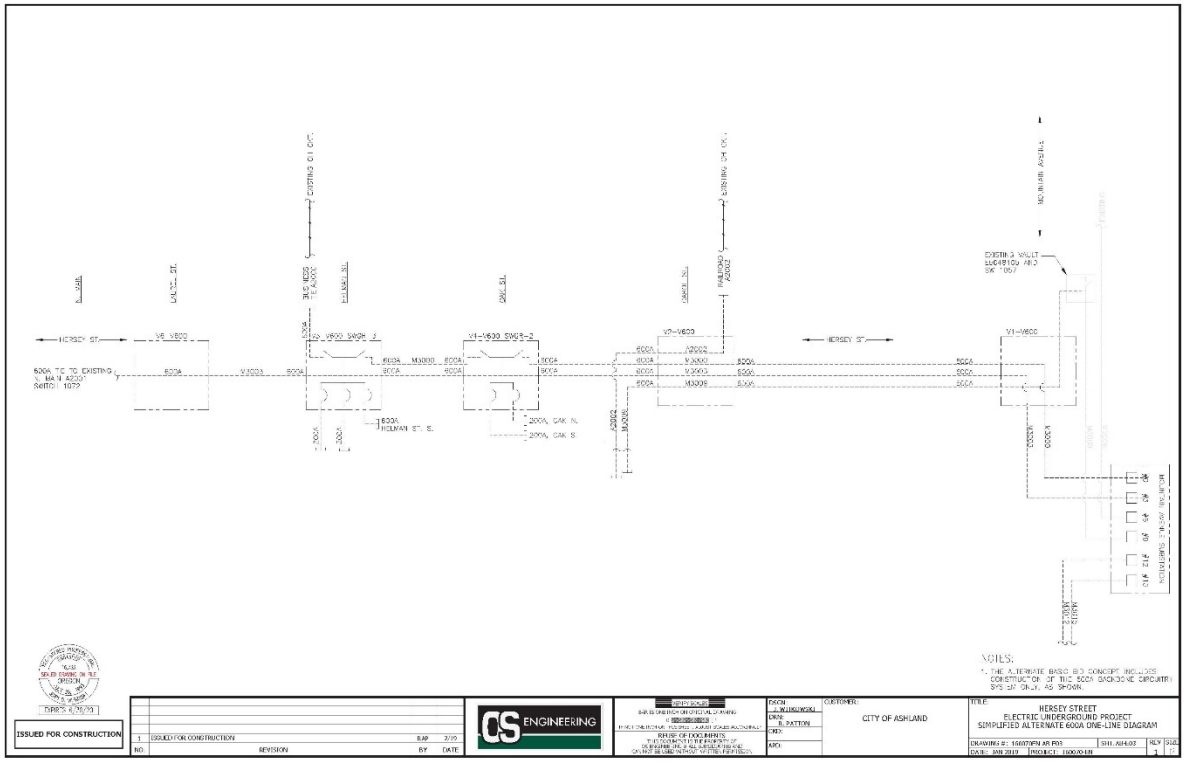
Total Project Cost: **$175,000** Duration: 3 years

	FY24	FY25
Expenses:		
Design		
Construction	$75,000	$100,000
Revenues:		
Fees	$75,000	$100,000
SDCs		
Grant		
Other		

Explain "other":

Anticipated Long Term Expenses:

Description: Installation of the underground conductors and associated equipment necessary for loads currently served from the Ashland sub-station to be served from Mountain Ave.



Electric Fund

Project Name: **Circuit Automation** Proj #: TBD

Total Project Cost: **$100,000** Duration:

	FY24	FY25
Expenses:		
Design		
Construction		$100,000
Revenues:		
Fees		$100,000
SDCs		
Grant		
Other		

Explain "other":

Anticipated Long Term Expenses:

Description: Automated circuit switching installed in areas considered sensitive and or critical. This equipment can recognize faults on the distribution system, isolated the faulted area, and restore service from an alternate source. When installed and properly configured the self-healing design reduces outage restoration times and service can in some cases be restored without the need for onsite personnel.

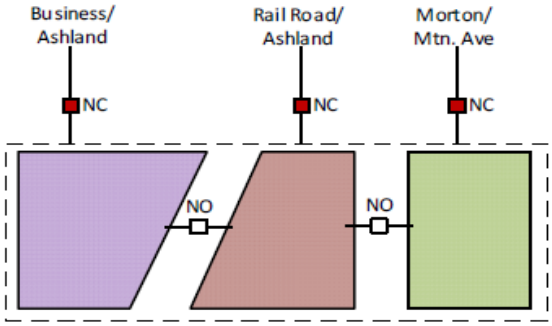


*Figure 9: Option 2 using reclosers with sectionalizer – **Normal Condition**. (Purple: Business Feeder, Brown: Rail Road Feeder, and Green: Morton Feeder)*

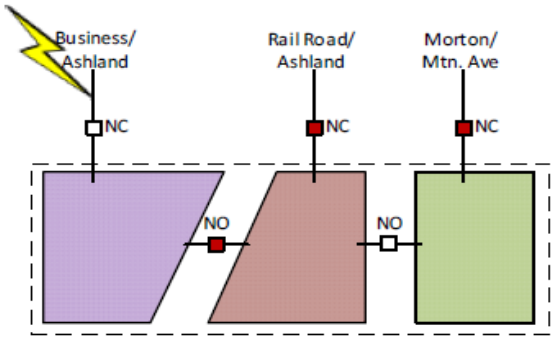


*Figure 10: Option 2 using reclosers with sectionalizer – **Loss of Business Feeder**. (Purple: Business Feeder, Brown: Rail Road Feeder, and Green: Morton Feeder)*

Electric Fund

Project Name: **Underground Cable Replacement** Proj #: TBD

Total Project Cost: **$150,000** Duration: Ongoing

	FY24	FY25
Expenses:		
Design		
Construction	$50,000	$100,000
Revenues:		
Fees	$50,000	$100,000
SDCs		
Grant		
Other		

Explain "other":

Anticipated Long Term Expenses:

Description: Targeted replacement of known aging underground cable prior to failure and replacement of segments that do fail. Underground primary conductors are typically expected to have a service life of 30 years, a service life of 40 or more years is not uncommon, it is still advisable to plan for replacement prior to failure.

CERTIFICATE
OF EXCELLENCE
IN RELIABILITY

This is to acknowledge that
City of Ashland Electric Utility
has significantly exceeded the average for all U.S. electric utilities* for reliable electric service. The utility participates in the American Public Power Association's e-Reliability Tracker program to track its power outages and restoration against national benchmarks.

MARCH 8, 2019

Michael J. Hyland
Senior Vice President, Engineering Services

AMERICAN PUBLIC POWER ASSOCIATION
Powering Strong Communities

*As reported by the Energy Information Administration

PARKS PROJECTS

Capital Improvements Plan 2024-2029 Construction Years Project Description	Regulatory	Capacity	Deficiency	Life Cycle	Project Totals FY24-FY29					
Parks & Recreation					**FY24**	**FY25**	**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/depriciation facilitites 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					$ 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**

Parks CIP

Project Name: **Real Estate Acquisitions** Proj #: N/A

Total Project Cost: **$384,878** Duration: On-going

	FY24	FY25
Expenses:		
Design		
Construction		
Other	$234,878	$150,000
Revenues:		
F$B Taxes		
SDCs	$234,878	$150,000
Grant		
Other		

Explain "other":

Anticipated Long Term Expenses: Minor trail maintenance expenses for new easements or acquisitions would occur as needed.

Description: Purchasing of easements or real estate that will further the goals of trail connectivity.

View the Parks, Trails, and Open Space Program

Parks CIP

Project Name: **Repair Butler Perozzi Fountain** Proj #: 000023

Total Project Cost: **$650,000** Duration: 1 Year

	FY24	FY25
Expenses:		
Design		
Construction	$650,000	
Other		
Revenues:		
F$B Taxes		
SDCs		
Grant	$650,000	
Other		

Explain "other":

Anticipated Long Term Expenses: On-going regular maintenance will occur annually.

Description: This project will fund the repair and restoration of the Butler-Perozzi Fountain in Lithia Park. The Fountain is a prominent, well-known and historic feature in Lithia Park.

For more information visit Butler Perozzi Fountain Project

Parks CIP

Project Name: **Japanese Garden** Proj #: 000745

Total Project Cost: **$100,000** Duration: On-going

	FY24	FY25
Expenses:		
Design		
Construction	$50,000	$50,000
Revenues:		
Fees		
SDCs		
Grant	$50,000	$50,000
Other		

Explain "other":

Anticipated Long Term Expenses: On-going regular maintenance will occur annually. APRC has an MOU with Ashland Parks Foundation to provide $60,000 annually for ten years to help offset the maintenance costs. The Ashland Japanese Garden Advisory Committee will be advising APRC and working to raise additional funds to cover maintenance expenses.

Description: The Ashland Japanese Garden was construction with a grant from the Ashland Parks Foundation. A majority of the project was completed, and the garden opened in October of 2022. Additions to the garden will be grant funded. https://www.ashlandjapanesegarden.org/

Parks CIP

Project Name: **Ashland Creek Park Basketball/Sports Court** Proj #: 000718

Total Project Cost: **$100,000** Duration: 1 Years

	FY24	FY25
Expenses:		
Design		
Construction		$100,000
Revenues:		
Food & Beverage Tax		$100,000
SDCs		
Grant		
Other		

Explain "other":

Anticipated Long Term Expenses: General pavement maintenance and striping.

Description: This project funds the second phase of the Ashland Creek Park Improvement which includes a sports court. This court will be striped for multiple uses.

Parks CIP

Project Name: **East Main Park Development** Proj #: 000742

Total Project Cost: **$1,266,100** Duration: 2 years

	FY24	FY25
Expenses:		
Design		
Construction	$1,266,100	
Other		
Revenues:		
F&B Taxes	$325,000	
SDCs		
Grant		
Other	$941,100	

Explain "other": Proceeds from sale of YMCA Park to the YMCA and 2505 Villard St Property for affordable housing.

Anticipated Long Term Expenses: Undetermined at this time. A project goal is to design this park to be low maintenance with minimal water use.

Description: This project will fund the development of 6.52 acers at East Main Street as a neighborhood park including a dog park, community garden, play area, pump track and walking trails.

View the East Main Park Project

Parks CIP

Project Name: **East Main Park Pump Track** Proj #: Unassigned

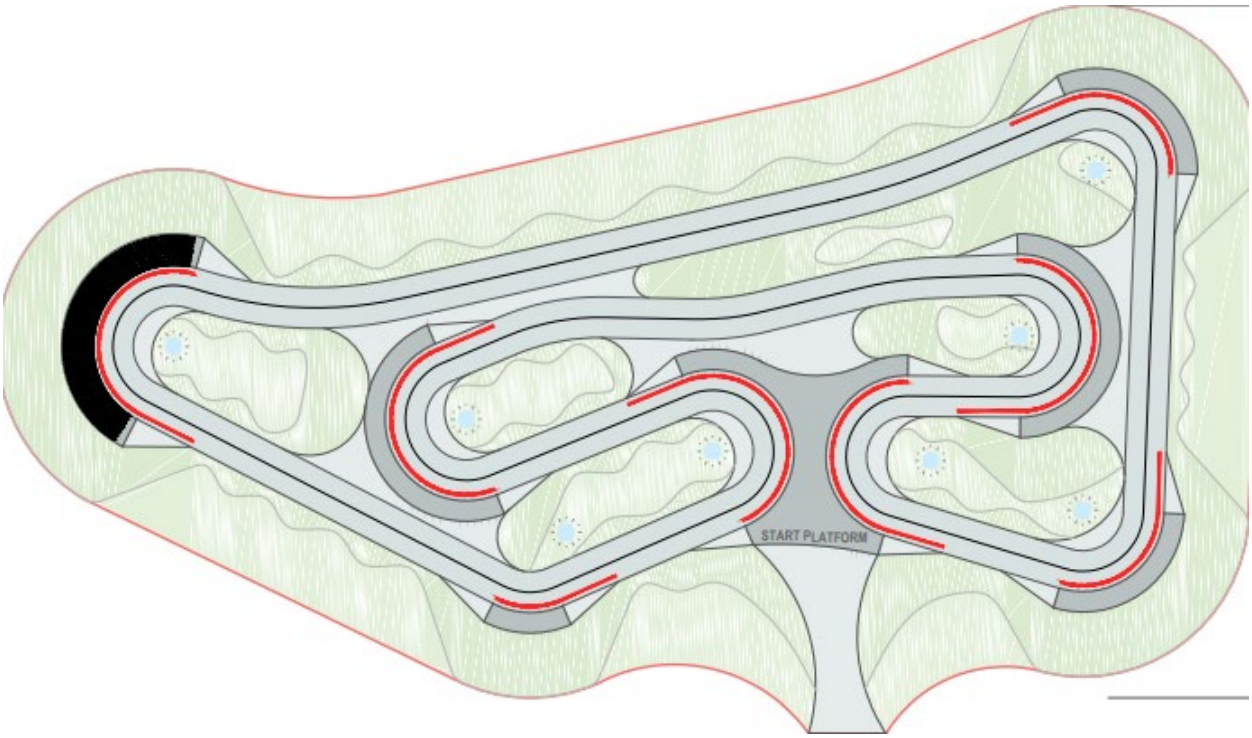
Total Project Cost: **Undetermined - Still in design phase** Duration: 2 years

	FY24	FY25
Expenses:		
Design		
Construction	$75,000	
Other		
Revenues:		
F&B Taxes	$75,000	
SDCs		
Grant		
Other		

Explain "other":

Anticipated Long Term Expenses: On-going regular maintenance will occur once constructed.

Description: To help fund the Bike Pump track and skills park at the East Main Park. A majority of this project will be grant funded by the Rogue Valley Mountain Bike Association (RVMBA)



Parks CIP

Project Name: **Daniel Meyer Memorial Pool Rebuild** Proj #: 000706

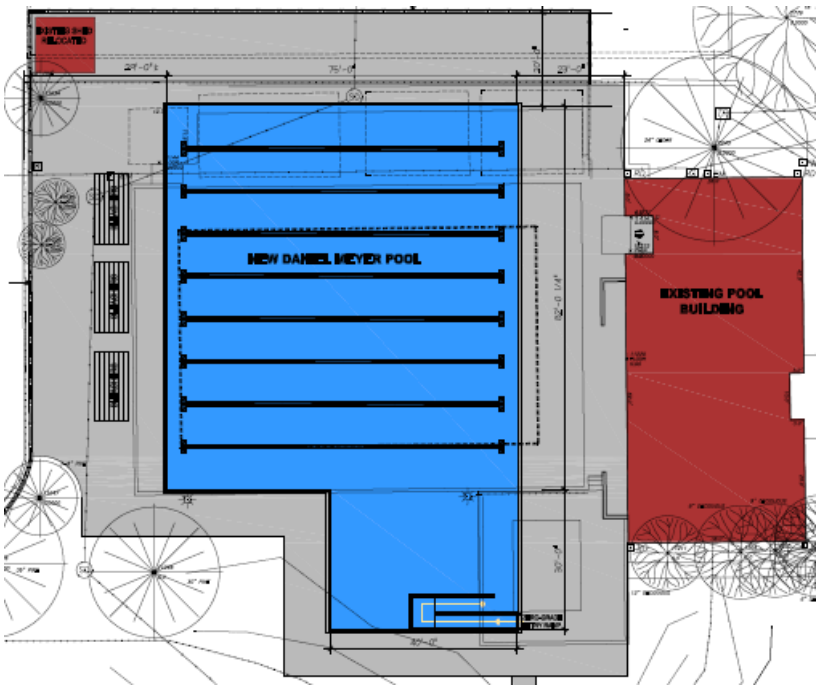
Total Project Cost: **$10,200,000** Duration: 2 years

	FY24	FY25
Expenses:		
Design		
Construction	$2,000,000	$8,200,000
Other		
Revenues:		
F&B Taxes	$2,000,000	
SDCs		
Grant		
Other		$8,200,000

Explain "other": Proposed bond or grant

Anticipated Long Term Expenses: Construction of a new facility should decrease annual facility maintenance costs when compared to the aging infrastructure that is currently in place. Improvements to the Daniel Meyer Pool will reduce energy use in accordance with CEAP, which could result in an increase in utility expenses.

Description: This project will provide funding for construction of a new municipal swimming pool, including the possibility of a permanent cover. The current Daniel Meyer Pool is approaching its useful life expectancy and will need to be replaced or restored.



Parks CIP

Project Name: **Kestral Park Pedestrian Bridge** Proj #: 000768

Total Project Cost: **$700,000** Duration: 2 years

	FY24	FY25
Expenses:		
Design	$100,000	
Construction	$600,000	
Other		
Revenues:		
F&B Taxes	$150,000	
SDCs		
Grant	$550,000	
Other		

Explain "other":

Anticipated Long Term Expenses: Regular maintenance will occur as needed.

Description: This project will fund the design and construction of a pedestrian and bicycle bridge at Kestral Park from the west side of Bear Creek to Kestral Park on the east side of Bear Creek. This bridge is part of the eventual expansion of the Bear Creek Greenway and will provide much needed pedestrian and bike access from both sides of the creek. APRC is partnering with the Bear Creek Greenway Foundation to accomplish this project which will largely funded by grants.

Parks CIP

Project Name: **Master Plan for all Parks** Proj #: Unassigned

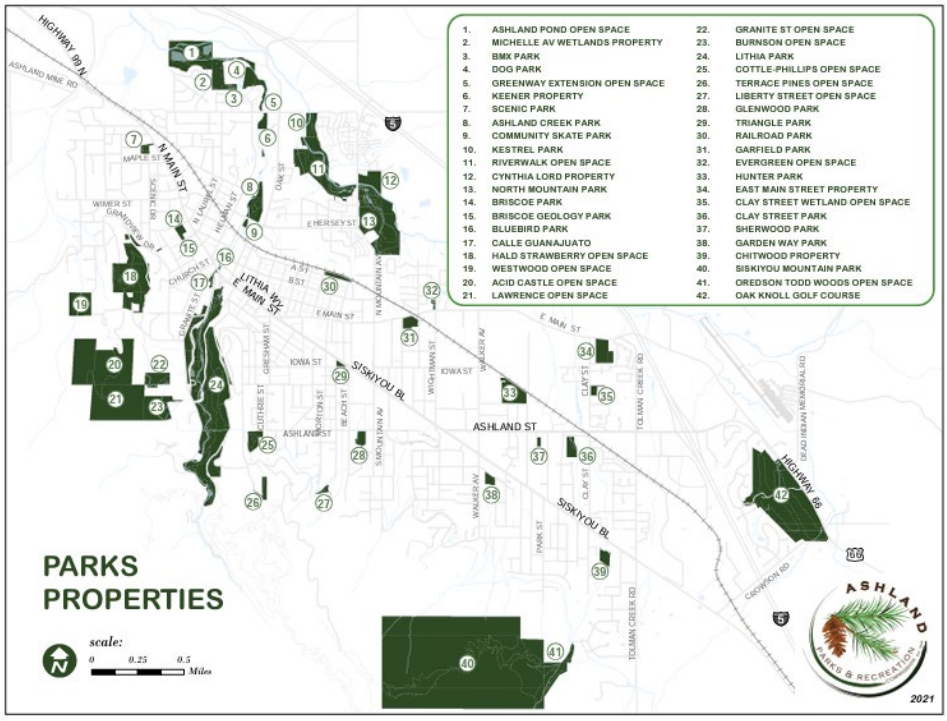
Total Project Cost: **$150,000** Duration: 2 years

	FY24	FY25
Expenses:		
Design		
Construction		
Other	$150,000	
Revenues:		
F&B Taxes	$150,000	
SDCs		
Grant		
Other		

Explain "other": Consultants will lead the Master Plan project.

Anticipated Long Term Expenses: N/A

Description: Perform a system wide master plan for all APRC facilities to identify short and long-term projects throughout the system and identify comprehensive levels of service goals for the parks division.



Parks CIP

Project Name: **APRC Building Maintenance** Proj #:

Total Project Cost: **$300,000 over 2 years** Duration: On-Going

	FY24	FY25
Expenses:		
Design	$25,000	$25,000
Construction	$125,000	$125,000
Revenues:		
F&B	$150,000	$150,000
SDCs		
Grant		
Other		

Anticipated Long Term Expenses: Long term expenses are tied to life cycle replacement and facility upgrades required to improve operational efficiency, reduce energy & water consumptions and enhance customer service experiences.

Description: Project(s) are meant to systematically tackle deferred and previously unfunded maintenance. Projects include the life cycle replacement of major facility infrastructure will reducing energy and water use, improving accessibility and overall building functions. Major projects needs for FY24 & FY25 include:

1. Senior Center – Roof and Gutter Replacement, HVAC and Water Heater Upgrades/Replacement, Sidewalks, Fencing
2. Lithia Park Shop – Fencing, Interior Restrooms,
3. Daniel Meyer Pool Locker Rooms – Plumbing Improvements, ADA Accessibility, Roof Drains
4. North Mountain Park Shop – Roof and Gutter Replacement, Office Expansion, HVAC and Water Heater Upgrades/Replacement
5. OKGC Shop – Roof and Gutter Repair, Flooring, HVAC and Water Heater Upgrades/Replacement
6. OKGC Clubhouse - HVAC and Water Heater Upgrades/Replacement
7. North Mountain Park Outbuildings - – Roof and Gutter Replacement, Exterior Paint
8. Park Restrooms – Door Hardware Replacement, Lock Upgrades, Roofing, Plumbing and Fixture Repair/Replacement
9. Lithia Park Offices – Gutter Repair, Office Improvements

Parks CIP

Project Name: **Alternative Irrigation Improvements** Proj #: Unassigned

Total Project Cost: **$100,000** Duration: 2 years

	FY24	FY25
Expenses:		
Design		
Construction		
Other	$50,000	$50,000
Revenues:		
F&B Taxes	$50,000	$50,000
SDCs		
Grant		
Other		

Explain "other": Irrigation Improvements include possible design and construction to connect to water sources other than Ashland potable water.

Anticipated Long Term Expenses: Annual maintenance and utility expenses should decrease once improvements have been made.

Description: Explore and implement converting parks irrigation from potable to non-potable irrigation water with secondary irrigation connections. This project will pay for design and installation including all appurtenances and other infrastructure required to complete the project.

Parks CIP

Project Name: **Parking lot/Road/Sidewalk Concrete Repairs**

Proj #: Unassigned

Total Project Cost: **$300,000**

Duration: 2 years

	FY24	FY25
Expenses:		
Design		
Construction	$150,000	$150,000
Other		
Revenues:		
F&B Taxes	$150,000	$150,000
SDCs		
Grant		
Other		

Explain "other":

Anticipated Long Term Expenses: N/A

Description: This project is to repair, maintain and improve Parking lots, roads, and sidewalks throughout the APRC system. Major projects needs for FY24 & FY25 include:

1. Community Garden Access and Pathway Improvements
2. Lithia Park ADA Improvements – Stairs, Ramps, Curb Cuts, Cross Walks, Handrails
3. Pedestrian Bridge Evaluation and Repair – Lithia Park
4. Skate Park Repairs – Some minor repairs are necessary for the safety and usability of the facility.
5. Concrete Repair and Replacement – Lithia Park and Hunter Park

Parks CIP

Project Name: **Oak Knoll Golf Course Improvements** Proj #: 000717

Total Project Cost: **$550,000** Duration: 2 Years

	FY24	FY25
Expenses:		
Design	$100,000	
Construction	$450,000	
Other		
Revenues:		
F&B Taxes	$550,000	
SDCs		
Grant		
Other		

Explain "other":

Anticipated Long Term Expenses:

Description: To make improvements to the Oak Knoll Golf Course including sustainable re-design of the course, a playground, and sports courts.

Parks CIP

Project Name: **Lithia Park Improvements** Proj #: Unassigned

Total Project Cost: $300,000 Duration: 2 years

	Prior Yrs	FY24	FY25
Expenses:			
Design			
Construction		$150,000	$150,000
Other			
Revenues:			
F&B Taxes		$150,000	
SDCs			
Grant			$150,000
Other			

Explain "other":

Anticipated Long Term Expenses: N/A

Description: This project will fund improvements in Lithia Park. Lithia Park is the oldest park in the APRC system. The park has many years of deferred maintenance that should be addressed before facilities become unusable or unsafe. Some of the examples of improvements to the Park include:

1. Replacement of damaged or missing fences in planter areas and erosion control areas.
2. Picnic Area Rehab – Cotton Picnic area and other smaller picnic areas require replacement of tables and other park furniture.
3. Pedestrian Bridge Replacement – This project can assist the pavement and access program to replace bridges in Lithia Park if necessary. Bridges are by far the most expensive access improvements in the park.
4. Playground – Lithia Park's playground is one of the most popular in the park, as a result the equipment experiences failures sooner than other parks and this project will help replace equipment as needed.
5. Cotton area restroom repair or replacement.
6. Drinking fountain repair and replacements.
7. Lithia Park Upper and Lower Duck Pond Improvements.

Parks CIP

Project Name: **Capital Outlay Projects** Proj #: Unassigned

Total Project Cost: $350,000 Duration: 2 years

	Prior Yrs	FY24	FY25
Expenses:			
Design		$50,000	
Construction		$125,000	$175,000
Other			
Revenues:			
F&B Taxes		$175,000	$175,000
SDCs			
Grant			
Other			

Explain "other":

Anticipated Long Term Expenses: Long term Capital Outlay expenses are tied to life cycle replacement and facility upgrades required to improve operational efficiency and enhance customer service experiences.

Description: Project(s) are meant to systematically tackle deferred and previously unfunded maintenance. Projects include the life cycle replacement of major facility infrastructure will reducing energy and water use, improving accessibility and overall building functions. Major projects needs for FY24 & FY25 include:

1. Lithia Park Swim Reservoir Silt Removal
2. Picnic Shelter Replacement or Rehab – Triangle Park, Railroad Park
3. Exploration and planning for permanent Ice Rink Shelter
4. Park Restroom Upgrades Systemwide – Park restrooms are often a target for severe vandalism. APRC will explore options for protecting the facilities and ensuring facilities are available for all users while parks are open.

Parks CIP

Project Name: **General Maintenance** Proj #: N/A

Total Project Cost: **$845,090** Duration: On Going

	FY24	FY25
Expenses:		
Design		
Construction		
Other	$422,545	$422,545
Revenues:		
F&B Taxes	$422,545	$422,545
SDCs		
Grant		
Other		

Explain "other": General Maintenance for APRC

Anticipated Long Term Expenses: N/A

Description: A continual fund from Food & Beverage taxes will be used for general maintenance projects for APRC.

Parks CIP

Project Name: ICC Irrigation Control Upgrades

Proj #: 000806

Total Project Cost: $200,000

Duration: 2 Years

	Prior Yrs	FY24	FY25
Expenses:			
Design			
Construction	$145,000	$100,000	$100,000
Other			
Revenues:			
F&B Taxes		$100,000	$100,000
SDCs			
Grant			
Other			

Explain "other":

Anticipated Long Term Expenses:

Description: To continue to upgrade Parks Central Irrigation Computer System which controls irrigation throughout the APRC system. Lithia Park and North Mountain Park were completed in FY22. The new Central Irrigation system provides APRC with better control over water use in parks to ensure that parks are watered consistent with priorities and availability of water, and leaks within the system are detected early before major losses of water. APRC has miles of irrigation lines in parks and this system helps keep that system of infrastructure monitored and managed with efficiency.

SIX YEAR SPREADSHEETS

Transportation

Capital Improvements Plan 2024-2029 Construction Years Project Description	PCI	Regulatory	Capacity	Deficiency	Life Cycle	FY24	FY25	FY26	FY27	FY28	FY29	Project Totals FY24-FY29	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		$ 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	**PCI**					**FY24**	**FY25**	**FY26**	**FY27**	**FY28**	**FY29**	**Project Totals**	**Street SDC**	**Other (grants)**	**Fees & Rates (debt)**
Ashland St - Siskiyou Blvd to Faith St	55.42	X		X	X	$ 2,500,000	$ -	$ -	$ -	$ -	$ -	$ 2,500,000	$ -	$ -	$ 2,500,000
N Mountain Ave - I-5 Overpass to E Main St	59.36	X		X	X	$ 5,000,000	$ 5,500,000	$ -	$ -	$ -	$ -	$ 10,500,000	$ -	$ -	$ 10,500,000
Oak St - City Limits to E Main St	23.83	X		X	X	$ -	$ 1,000,000	$ 7,000,000	$ -	$ -	$ -	$ 8,000,000	$ -	$ -	$ 8,000,000
Siskiyou Blvd - E Main St to Walker Ave	43.70	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	24.91	X		X	X	$ -	$ -	$ -	$ -	$ 500,000	$ 2,500,000	$ 3,000,000	$ -	$ -	$ 3,000,000
W Nevada St - Vansant St to Oak St	40.38	X		X	X	$ -	$ -	$ -	$ -	$ 500,000	$ 2,000,000	$ 2,500,000	$ -	$ -	$ 2,500,000
Subtotal Street Improvements/Overlays						**$ 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						**FY24**	**FY25**	**FY26**	**FY27**	**FY28**	**FY29**	**Project Totals**	**Street SDC**	**Other (grants)**	**Fees & Rates (debt)**
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						**FY24**	**FY25**	**FY26**	**FY27**	**FY28**	**FY29**	**Project Totals**	**Street SDC**	**Other (grants)**	**Fees & Rates (debt)**
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						**$ 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

Capital Improvements Plan 2024-2029 Construction Years Project Description	Regulatory	Capacity	Deficiency	Life Cycle	FY24	FY25	FY26	FY27	FY28	FY29	Project Totals FY24-FY29	Sewer SDC	Other (grants)	Fees & Rates (debt)
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					$ 650,000	$ -	$ -	$ -	$ -	$ -	$ 650,000	$ 221,000	$ -	$ 429,000
Membrane Replacement (two trains)				X	$ 1,200,000	$ -	$ -	$ -	$ -	$ -	$ 1,200,000	$ -	$ -	$ 1,200,000
WWTP Process Improvements (Headworks)			X	X	$ 1,000,000	$ 3,250,000	$ -	$ -	$ -	$ -	$ 4,250,000	$ 637,500	$ -	$ 3,612,500
WWTP Process Improvements (Harmonics/Telemetry)			X		$ 150,000	$ 150,000	$ -	$ -	$ -	$ -	$ 300,000	$ 45,000	$ -	$ 255,000
Secondary Clarifier 2 Improvements			X	X	$ -	$ 397,500	$ 397,500	$ -	$ -	$ -	$ 795,000	$ 119,250	$ -	$ 675,750
Centrifuge Replacement					$ -	$ -	$ -	$ -	$ 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					**FY24**	**FY25**	**FY26**	**FY27**	**FY28**	**FY29**	**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	$ 125,000	$ 125,000	$ 125,000	$ 625,000	$ 62,500	$ -	$ 562,500
Wastewater Miscellaneous Trenchless Pipe Lining	X		X	X	$ -	$ 500,000	$ -	$ -	$ -	$ 500,000	$ 1,000,000	$ -	$ -	$ 1,000,000
Pinpoint I/I Sources in Various Basins	X				$ 163,000	$ -	$ 163,000	$ -	$ -	$ -	$ 326,000	$ -	$ -	$ 326,000
Annual I/I Reduction and Collection System Replacement Project Allowance	X				$ -	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 500,000	$ -	$ -	$ 500,000
Upsize Bear Creek Intercceptor from Wightman Street to Tolman Creek Road	X	X		X	$ 400,000	$ 400,000	$ 400,000	$ 400,000	$ 400,000	$ -	$ 2,000,000	$ 1,400,000	$ -	$ 600,000
Upsize Capacity of Ashland Creek Lift Station	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**	**$ 1,175,000**	**$ 1,275,000**	**$ 6,331,440**	**$ 1,462,500**	**$ -**	**$ 4,868,940**
WASTEWATER					**$ 4,836,440**	**$ 5,195,500**	**$ 1,303,500**	**$ 670,000**	**$ 1,320,000**	**$ 1,820,000**	**$ 15,145,440**	**$ 2,728,100**	**$ -**	**$ 12,417,340**

Water & TAP

Capital Improvements Plan 2024-2029 Construction Years Project Description	Regulatory	Capacity	Deficiency	Life Cycle	FY24	FY25	FY26	FY27	FY28	FY29	Project Totals FY24-FY29	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 Adminstration					$ 512,357	$ 4,895,027	$ 1,639,617				$ 7,047,001	$ 704,700		$ 6,342,301
Reeder Reservoir Sediment Removal		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**	**$ 9,545,183**	**$ -**	**$ 58,938,233**
Water - Pump Station Improvements					**FY24**	**FY25**	**FY26**	**FY27**	**FY28**	**FY29**	**Project Totals**	**Water SDC**	**Other (grants)**	**Fees & Rates (debt)**
TAP BPS Backup Power		X	X		$ 417,000	$ -	$ -	$ -	$ -	$ -	$ 417,000		$ 417,000	$ -
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**	**$ 120,000**	**$ 417,000**	**$ 1,380,000**
Water - Pipe Improvements					**FY24**	**FY25**	**FY26**	**FY27**	**FY28**	**FY29**	**Project Totals**	**Water SDC**	**Other (grants)**	**Fees & Rates (debt)**
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	$ 660,000	$ 582,000	$ 1,418,000	$ 311,000	$ 1,386,000	$ 560,000	$ 4,917,000	$ 491,700	$ -	$ 4,425,300
Transmission Pipe Projects	X	X	X	X			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Subtotal Water - Pipe Improvements					**$ 960,000**	**$ 882,000**	**$ 1,718,000**	**$ 611,000**	**$ 1,686,000**	**$ 860,000**	**$ 6,717,000**	**$ 671,700**	**$ -**	**$ 6,045,300**
Water - Operations & Maintenance					**FY24**	**FY25**	**FY26**	**FY27**	**FY28**	**FY29**	**Project Totals**	**Water SDC**	**Other (grants)**	**Fees & Rates (debt)**
Telemetry Upgrades				X	$ 80,000	$ -	$ -	$ -	$ -	$ -	$ 80,000	$ 8,000	$ -	$ 72,000
Tolman Creek Road PRV Station					$ -	$ -	$ -	$ 75,000	$ -	$ -	$ 75,000	$ 6,000	$ -	$ 69,000
Subtotal Water - Operations & Maintenance					**$ 80,000**	**$ -**	**$ -**	**$ 75,000**	**$ -**	**$ -**	**$ 155,000**	**$ 14,000**	**$ -**	**$ 141,000**
WATER					**$ 11,376,726**	**$ 45,342,904**	**$ 16,035,786**	**$ 1,811,000**	**$ 1,686,000**	**$ 1,020,000**	**$ 77,272,416**	**$ 10,350,883**	**$ 417,000**	**$ 66,504,533**
TAP - Supply Improvements					**FY24**	**FY25**	**FY26**	**FY27**	**FY28**	**FY29**	**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	$ -
N Phoenix Road Pipe Improvements					$ -	$ -	$ -	$ -	$ 925,897	$ 925,897	$ 1,851,794	$ -	$ -	$ 1,851,794
N Phoenix Road Master Meter Connection					$ -	$ -	$ -	$ -	$ 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					**FY24**	**FY25**	**FY26**	**FY27**	**FY28**	**FY29**	**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**	**$ -**	**$ -**	**$ -**
TAP - Pipe Improvements					**FY24**	**FY25**	**FY26**	**FY27**	**FY28**	**FY29**	**Project Totals**	**Water SDC**	**Other (grants)**	**Fees & Rates (debt)**
24-inch Pipe Seismic Upgrades (Highway 99 Phoenix)					$ -	$ 1,623,000	$ -	$ -	$ -	$ -	$ 1,623,000	$ -	$ 1,623,000	$ -
Talent to Ashland Pipe Improvements (Option 1)					$ -	$ -	$ -	$ -	$ -	$ 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**

Storm Drain

Capital Improvements Plan 2024-2029 Construction Years Project Description	Regulatory	Capacity	Deficiency	Life Cycle	FY24	FY25	FY26	FY27	FY28	FY29	Project Totals FY24-FY29	Storm SDC	Other (grants)	Fees & Rates (debt)
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			$ -	$ 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
Dewey Street @ E Main St	X	X			$ -	$ -	$ 280,000	$ -	$ -	$ -	$ 280,000	$ -	$ -	$ 280,000
Gresham Street @ Beach Avenue	X	X			$ -	$ -	$ -	$ 450,000	$ -	$ -	$ 450,000	$ 45,976	$ -	$ 404,024
Morton Street - Pennsylvania Street to Iowa Street	X	X			$ -	$ -	$ -	$ -	$ 250,000	$ 250,000	$ 500,000	$ -	$ -	$ 500,000
STORM DRAIN					**$ 540,220**	**$ 640,000**	**$ 280,000**	**$ 450,000**	**$ 250,000**	**$ 400,000**	**$ 2,560,220**	**$ 110,884**	**$ -**	**$ 2,449,336**

Airport

Capital Improvements Plan 2024-2029 Construction Years Project Description	Regulatory	Capacity	Deficiency	Life Cycle	Project Totals FY24-FY29							
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	$ 1,080,000	$ 120,000
Pavement Maintenance Program				X	$ -	$ -	$ 20,000	$ -	$ -	$ 20,000	$ 40,000	$ 36,000	$ 4,000
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 Pavement Reconstruction & Rehabilitation: Ph 1 - Design				X	$ -	$ -	$ 176,667	$ -	$ -	$ -	$ 176,667	$ 159,000	$ 17,667
Airport Pavement Reconstruction & Rehabilitation: Ph 2 - Design & Construction				X	$ -	$ -	$ 873,333	$ -	$ -	$ -	$ 873,333	$ 730,000	$ 143,333
OFA Obstruction Removal (Tree Trimming)	X				$ -	$ -	$ -	$ -	$ 200,000	$ -	$ 200,000	$ 180,000	$ 20,000
South Apron Reconstruction/Reconfiguration: Ph 1 - Environmental & Pre-design			X	X	$ -	$ -	$ -	$ -	$ 300,000	$ -	$ 300,000	$ 270,000	$ 30,000
South Apron Reconstruction/Reconfiguration: Ph 2 - Design			X	X	$ -	$ -	$ -	$ -	$ -	$ 1,000,000	$ 1,000,000	$ 900,000	$ 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

Capital Improvements Plan 2024-2029 Construction Years Project Description	Regulatory	Capacity	Deficiency	Life Cycle	Project Totals FY24-FY29							
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					$ 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	$ 1,300,000	$ -
Community Center & Pioneer Hall Rehabilitation	X		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**	**$ 530,000**	**$ 780,000**	**$ 780,000**	**$ 530,000**	**$ 530,000**	**$ 7,433,074**	**$ 1,300,000**	**$ 6,133,074**

Electric

Capital Improvements Plan 2024-2029 Construction Years Project Description	Regulatory	Capacity	Deficiency	Life Cycle	Project Totals FY24-FY29							
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 Master Plan						$ 100,000	$ 50,000				$ 150,000	$ -	$ 150,000
ELECTRIC					**$ 1,025,000**	**$ 550,000**	**$ 600,000**	**$ 475,000**	**$ 425,000**	**$ 425,000**	**$ 3,350,000**	**$ -**	**$ 3,350,000**

Parks

Capital Improvements Plan 2024-2029 Construction Years Project Description	Regulatory	Capacity	Deficiency	Life Cycle	Project Totals FY24-FY29									
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/depriciation facilitites 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					$ 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**

Memo

DATE: March 29, 2023
TO: City Council
FROM: Chad Woodward, Climate and Energy Analyst
DEPT: Electric
RE: Climate Energy Policy Advisory Committee Transportation Capital Improvements Plan Recommendation

On March 22, 2023, at the Climate and Environment Policy Advisory Committee (CEPAC) meeting, a proposal regarding modifications was heard. After deliberations, the CEPAC voted on following motion.

> ***To support the Transportation Committee's proposal to City Council and ask the City Council to consider the amendments provided in the proposal to the CEPAC "Draft – Letter to the Council regarding the 2024-2029 Transportation CIP."***

The referenced draft is attached below.

Electric Department
90 N. Mountain Ave
Ashland, Oregon 97520
ashland.or.us

Tel: 541.552.2085
Fax: 541.552.2436
TTY: 800.735.2900

Draft – Letter to the Council regarding the 2024 – 2029 Transportation CIP

To: CEPC

From: Gary Shaff, member CEPC

Date: March 20, 2023

RE: Recommendations to the City Council regarding the Transportation Capital Improvement Program FY 2024 - 2029

Abstract

Objective: This memorandum introduces recommended modification to the Ashland Transportation Capital Improvement Program (CIP) for consideration by the City Council prior to the CIP's adoption on April 4, 2023. These suggestions will help the City of Ashland achieve goals laid out in the current Transportation System Plan and the Climate Energy Action Plan.

Background: Ashland's City Council has an opportunity to be a leader in ensuring that it is practical, safe, and convenient to walk or bike from anywhere to everywhere in Ashland for people of all ages and ability. This, in turn, will cut vehicle miles of travel (VMT) and carbon emissions.

Funding: The current CIP is structured in a way that does not ensure that the pedestrian and bike network will be improved. These improvements, as described in the draft CIP, rely primarily on grants. The competition for grant funding is intense and will not create a complete bike and walking networks in the foreseeable future.

Policy Recommendations: Modify the CIP to: a) Include protected bike lanes (PBL) on all major road projects, b) add PBL's on streets under Ashland's jurisdiction in 2026 that include adequate curb to curb width and c) apply for external funding for the most costly bicycle and pedestrian projects.

Opportunity

The city's decision to include PBLs on Ashland Street represents the kind of leadership and vision that is crucial to the city's future. Similar leadership is needed to ensure that it is practical, safe and convenient to walk or bike from anywhere to everywhere in Ashland for people of all ages and abilities.

Other urban areas have demonstrated that people walking and biking can account for a high percentage of in-town travel, potentially as much as 40 percent compared to nine percent now (Personal Travel in

Oregon, Table RV-5, page 112). Only by making bicycling and walking safe and practical is there any potential for a shift in mode, from auto/truck to other low-carbon modes of travel. Similarly, surveys from other metropolitan areas in the nation show that the majority of people are interested in bicycling for some of their in-town trips but don't because they are afraid to share the road with autos/trucks (https://jenniferdill.net/types-of-cyclists/).

The Council has the opportunity to accelerate the development of an equitable bicycle network, suitable for all ages and abilities, and enhance the existing pedestrian network by making several minor changes and one more significant change to the current draft CIP.

Funding

Since 2015, the CIP has been structured to allocate almost all city transportation funds to pavement management, and rely upon grants and system development charges to make additional improvements to the pedestrian and bike network. This is understandable, as street life-cycles are relatively short and expensive to repair. And while pavement management projects may include multi-modal transport infrastructure, this funding approach leaves no additional funds to improve the bike/ped network on streets that aren't up for repair. By adjusting the funding, the city has the opportunity to meet goals 1 and 2 of the current TSP and make substantial progress in reducing greenhouse gas emissions from the transportation sector.

Goal #1: Create a "green" template for other communities in the state and nation to follow.

Goal #2: Make safety a priority for all modes of travel.

These goals, or others developed through the upcoming update of the city's TSP, to make walking and bicycling practical and safe ways to get around town, cannot be realized without local funding. Relying upon grant funds, as the current draft CIP proposes, doesn't guarantee a functional bike/ped network. The federal and state grants available for alternative modes of transport are meager and must be shared among Oregon's 36 counties and 241 cities. As an example, Medford's transportation plan, updated in 2019, includes more than $277 million in bicycle network improvements.

Ashland needs to provide people with a choice in how they travel, and an opportunity to not depend on cars.

Sidewalks, access ramps, protected bike lanes, and traffic calming features must be included, where warranted, on every city project. All revenue sources, including gas tax, system development charges, franchise fees, food and beverage taxes, and utility fee funding must be used for these types of improvements and not reserved exclusively for pavement management projects.

Oregon's constitution provides that revenue from taxes on motor vehicle use and fuel […] shall be used exclusively for the construction, reconstruction, improvement, repair, maintenance, operation and use of public highways, roads, streets and roadside rest areas in this state," and without restrictions on the mode of travel. (Article IX Section 3a). The city's allocation of state gas taxes, approximately $1.6 million / year, can and should be used for creating a balanced transportation system. The other sources of city revenues should also offer flexibility in their use and, if restricted, the Council should amend local codes to allow their use to address transportation safety, independent of the mode of travel.

Draft – Letter to the Council regarding the 2024 – 2029 Transportation CIP

Policy Recommendation

The use of traditional painted bike lanes or sharrows on major streets within the city does not provide the essential safety for "all ages and abilities."

The City Council can ensure the creation of an equitable transportation systems by 2030 through the following:

1) Including protected bike lanes on major road projects already included in the staff prepared draft 2024 – 2029 Transportation CIP,

2) Scheduling, in 2026, the addition of protected bike lanes on streets under Ashland's jurisdiction that include adequate curb to curb width including the north end of A Street, Wightman, S. Mountain, and Hersey Street.

3) Applying to ODOT for Carbon Reduction Program or Congestion Mitigation and Air Quality funds to rebuild E. Main from Siskiyou to Walker, and Walker from Ashland Street to E. Main to include protected bike lanes. These streets are too narrow to add protected bike lanes without modifying the curb, gutter and drainage.

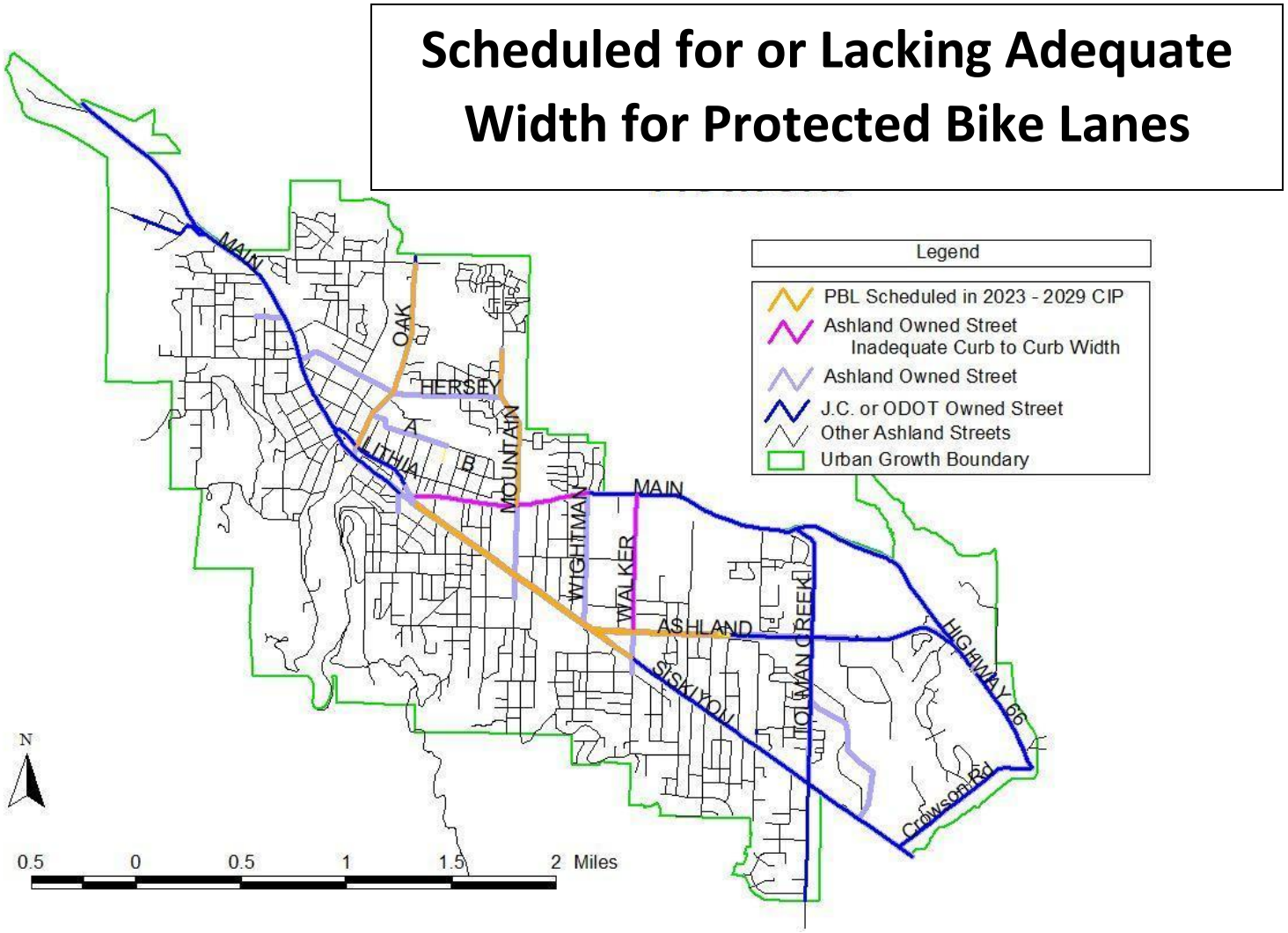
4) Exploring jurisdictional exchange to add protected bike lanes on streets that are under the jurisdiction of Jackson County or the Oregon Department of Transportation. The implications on the city's future maintenance liability must be analyzed, additional revenue sources identified, and a funding mechanism(s) put in place/approved.

The figures that follow illustrate the breadth of the challenge. Figure 1 shows streets, by roadway jurisdiction, that warrant (due to either speed or traffic volume) protected bike lane improvements. Figure 2 identifies streets under Ashland's jurisdiction that lack adequate curb to curb width to include protected bike lanes, and those streets that are currently scheduled for improvement in the draft 2024 – 2029 CIP and which warrant protected bike lanes.

Figure 1


Streets Warranting Protected
Bike Lane Improvements
Legend
Ashland Owned Street
J.C. or ODOT Owned Street
Other Ashland Streets
Urban Growth Boundary
MAIN
OAK
HERSEY
A
B
LITHIA
MOUNTAIN
WIGHTMAN
WALKER
MAIN
ASHLAND
SISKIYOU
TOLMAN CREEK
HIGHWAY 66
Crowson Rd
N
0.5 0 0.5 1 1.5 2 Miles

Figure 2


Scheduled for or Lacking Adequate Width for Protected Bike Lanes
Legend
PBL Scheduled in 2023 - 2029 CIP
Ashland Owned Street Inadequate Curb to Curb Width
Ashland Owned Street
J.C. or ODOT Owned Street
Other Ashland Streets
Urban Growth Boundary
MAIN
OAK
HERSEY
A
B
LITHIA
MOUNTAIN
WIGHTMAN
WALKER
ASHLAND
SISKIYOU
TOLMAN CREEK
HIGHWAY 66
Crowson Rd
N
0.5 0 0.5 1 1.5 2 Miles

Recommended Changes to the CIP

The attached recommended transportation capital improvement program, Figure 3, includes the following changes.

1) It explicitly notes that protected bike lanes will be included on street/overlay projects on major streets (i.e. boulevards and avenues as identified in the city's functional classification map).

2) It explicitly notes that traffic calming will be included on street/overlay projects when they occur on minor streets.

3) It retitles the section "bicycle boulevards" to "walk/bike" streets to better reflect the desired function of important, low-volume residential streets.

4) It removes Lithia Way – Oak to Helman bicycle boulevard project. Lithia, like N. Main through downtown, is unsuitable for a shared-lane treatment due the high volume of motor vehicles using the street. Sharrows do not increase safety for people riding bicycles and waste precious resources. The city needs to add protected bike lanes on major streets, rather than paint and stencils. The savings can be diverted to creating bike/walk streets on Helman and Iowa Streets.

5) It postpones the paving/reconstruction of W. Nevada Street from 2029 to 2030 in order to construct protected bike lanes on four city owned streets (see #6 below).

6) It shifts funding for W. Nevada Street, as above, to four protected bike lane projects on; a) Hersey - N. Main to N. Mountain, b) A Street - Oak to 5th, c) S. Mountain - E. Main to Henry and d) Wightman - E. Main to Siskiyou. All of these streets have sufficient curb-to-curb width to add protected bike lanes without modifying the curb, gutter or drainage.

Figure 3

Rec. #1/2

Rec. #5

Rec. #3

Rec. #4

Rec. #6

Recommended Transportation Capital Improvement Plan 2024 - 2029 Construction Years													
	Project Description			FY23	FY24	FY25	FY26	FY27	FY28	FY29	Project Total	Street SDC	Other (grants)	Fees & Rates
Roadway														
	Hardesty Site Development & Equipment Storage				$80,000	$80,000					$160,000			$160,000
	Micro-sweeper				$200,000						$200,000			$100,000
	City wide chip seal			$145,000		$255,000					$255,000		$400,000	
	Clay Street - Father Avenue to Siskiyou Boulevard (STBG/CMAQ)				$579,754	$1,000,000	$1,125,000				$2,704,754		$6,981,195	$209,022
	Where is Father Ave??		Subtotal Roadway	$145,000	$859,754	$1,335,000	$1,125,000	$0	$0	$0	$3,319,754	0	7,381,195	$469,022
Street Overlay/Reconstruction				FY23	FY24	FY25	FY26	FY27	FY28	FY29				
	Ashland St - Siskiyou Blvd to Faith Ave (inc. PBL*)			$1,000,000	$2,500,000						$2,500,000			$2,500,000
	N. Mountain Ave - I-5 overpass to E. Main St (inc. PBL**)			$500,000	$5,000,000	$5,500,000					$10,500,000			$10,500,000
	Oak St - City Limits to E. Main St (inc. PBL*)					$1,000,000	$7,000,000				$8,000,000			$8,000,000
	Siskiyou Blvd - E Main to Walker Ave (inc. PBL*)						$1,000,000	$5,000,000	$5,000,000		$11,000,000			$11,000,000
	Park St - Siskiyou Blvd to Crestview Dr (inc. traffic calming)								$500,000	$2,500,000	$3,000,000			$3,000,000
	W Nevada St - Vansant St to Oak St (inc. traffic calming)									$500,000	$500,000			$500,000
	ed bike lanes w/ conversion to PBL upon sweeper purchase		Subtotal Reconstruction	$1,500,000	$7,500,000	$6,500,000	$8,000,000	$5,000,000	$5,500,000	$3,000,000	$35,500,000			$35,500,000
** PBL from E. Main to Bear Creek Bridge														
Sidewalk / Pedestrian				FY23	FY24	FY25	FY26	FY27	FY28	FY29				
	Beaver Slide - Water Street to Lithia Way					$285,000					$285,000	$276,792		$8,208
	Walker Ave - Oregon St to Woodland Dr						$300,000				$300,000	$75,000	$225,000	
	Ashland Street - Liberty St to S. Mountain Ave							$400,000			$400,000	$100,000	$300,000	
	Clay St - Siskiyou Blvd to Mohawk St								$425,000		$425,000	$106,250	$318,750	
	Lincoln St - E. Main to Iowa St									$300,000	$300,000	$75,000	$225,000	
			Subtotal Pedestrian	$0	$0	$285,000	$300,000	$400,000	$425,000	$300,000	$1,710,000	$633,042	$1,068,750	$8,208
Walk / Bike Streets				FY23	FY24	FY25	FY26	FY27	FY28	FY29				
	B St B - Oak to N. Mountain				$50,000	$75,000					$125,000	$42,375	$12,500	$70,125
	8th St. - A Street to E Main					$35,000					$35,000	$11,865	$3,500	$19,635
	Water Street - Hersey St to N. Main						$50,000				$50,000	$16,950	$5,000	$28,050
	Ashland St - Morton to University Way						$50,000				$50,000	$16,610	$5,000	$28,390
	Oregon/Clark St - Indiana to Harmony Lane							$65,000			$65,000	$21,593	$6,500	$36,465
	Walker Ave - Siskiyou Blvd to Peachey Road							$65,000			$65,000	$22,035	$6,500	$36,907
	Helman St. - Nevada to N. Main								$80,000		$80,000	$27,120	$8,000	$44,880
	Iowa - Central Bike Path to S. Mountain									$80,000	$80,000	$27,120	$8,000	$44,880
	~~Lithia Way - Oak to Helman St~~								~~$80,000~~	~~$80,000~~	$80,000	$0		
			Subtotal Walk/Bike Streets	$0	$50,000	$110,000	$100,000	$130,000	$80,000	$160,000	$630,000	$185,668	$55,000	$309,332
Protected Bike Lane - retrofit		Length		FY23	FY24	FY25	FY26	FY27	FY28	FY29				
	Hersey - N. Main to N. Mountain	4567				$648,722					$648,722			$648,722
	A Street - Oak to 5th	2127				$302,131					$302,131			$302,131
	S. Mountain - E. Main to Henry	2335				$331,676					$331,676			$331,676
	Wightman - E. Main to Siskiyou	2952				$419,318					$419,318			$419,318
			Subtotal Protected Bike Lane	$0	$0	$1,701,847	$0	$0	$0	$0	$1,701,847			$1,701,847
	* Estimated Cost Per Mile (bollard protected)		$165,000											
	* Estimated Cost Per Mile (cement curb protected)		$750,000											
			TOTAL	$1,645,000	$8,409,754	$9,931,847	$9,525,000	$5,530,000	$6,005,000	$3,460,000	$42,861,601	$818,710	$8,504,945	$37,988,409