

City of Roseburg 2021 — 2026

Capital Improvement Plan *Adopted April 2021*



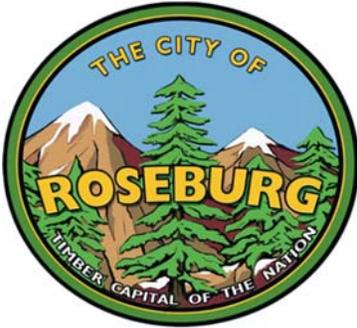
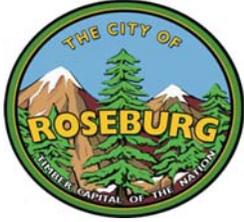


TABLE OF CONTENTS

CAPITAL IMPROVEMENT PLAN INFORMATION	1
2022-26 CAPITAL IMPROVEMENT SPREADSHEET	5
PROJECT DESCRIPTIONS	
GENERAL FUND/IT/OTHER/GRANT FUND	9
BIKE TRAIL FUND	11
Multi-Use Path Upgrades- Grant Match/Repairs.....	13
Deer Creek Trail Renovation.....	14
Sunshine Park Trail System.....	15
SIDEWALK/STREETLIGHT/TRAFFIC SIGNAL	17
ADA Upgrades	19
Sidewalk New Construction.....	20
Sidewalk Reconstruction.....	21
Traffic Signal Upgrades – Misc.....	22
Traffic Signal Power Supply Upgrade	23
TRANSPORTATION	25
All Roads Transportation Safety (ARTS)	27
HBR - ODOT Bridge Replacement Grant Matches.....	28
Stewart Parkway Bridge Approaches.....	29
Garden Valley Blvd. Corridor Study	30
PARKS PROJECTS	31
Brown Park Property Acquisition/Playground Development.....	33
Skate Park Improvements.....	34
Beulah Park Improvements.....	35
EQUIPMENT REPLACEMENT	37
URBAN RENEWAL	39
Douglas Avenue Improvements	40
Douglas Avenue Deer Creek Bridge	41
FACILITY REPLACEMENT	43
AIRPORT	45
Backup Power	46
Taxiway A Extension	47
Runway Pavement Rehabilitation	48
WATER	49
Land.....	51

Buildings and Structures	52
Equipment	53
Water Vehicles	54
Mapping/Plans.....	55
Main Replacements.....	56
New Mains.....	57
Plant Improvements	58
Reservoir Improvements	59
Transmission Main	60
LID	61
Water System Master Plan.....	62
Water Management & Conservation Plan.....	63
STORM DRAINAGE	65
Ballf Area Storm Drainage Phase 2.....	67
Broccoli Tie-in.....	68
Rainbow/Haggerty Storm Improvements	69
Calkins Area Drainage Phase 2A, 4.....	70
Cast in Place Pipe (CIPP)	71
Diamond Lake/Fulton Street Drainage Improvements.....	72
Buildings and Structures	73
Equipment Acquisition.....	74
Improvements – Mapping.....	75
Misc. Storm Improvements.....	76
Storm Drainage Master Plan.....	77
Storm TMDL Implementation	78



CITY OF ROSEBURG

CAPITAL IMPROVEMENT PLAN

Introduction

A Capital Improvement Plan (CIP) is a five-year plan for implementation of an organization's facility and infrastructure asset base improvement process. It is a financing and construction plan for projects that require significant capital investment. A CIP is essential to the future financial health of an organization and continued delivery of services to the community.

The City of Roseburg has an established goal to review and update the CIP at least every two years to reflect the needs of the community and changes in resources for financing capital projects. However, in the case of this plan, it has been three years due to a leadership transition in the Public Works Department. The CIP lists the City's capital improvement projects; places the projects in a priority order (subject to periodic review) and schedules the projects for funding and construction.

The CIP is a tool to be used in the development of responsible and progressive financial planning. The program is developed in accordance with the financial policies of the City. The policies and the CIP form the basis for making annual capital budget decisions and support the City's continued commitment to sound, long-range financial planning and direction.

The CIP identifies short and long-range capital projects of all types, which will be coordinated with the annual budget to maintain full utilization of available resources. For each capital project, the CIP includes a variety of information, including a project description and the service need it addresses, a proposed timetable, proposed funding levels and sources. And, if applicable, estimated ongoing operating costs.

These projects and improvements will be prioritized by year and by funding source. Every attempt will be made to match projects with available funding sources. Future operating costs associated with a project will also be given consideration in the establishment of priorities. Ongoing operating costs are not included in the CIP. At the time of development of this plan the full impact of the COVID-19 pandemic is still unknown. It is anticipated that Transportation Fund and Streetlight/Sidewalk Fund revenues may be significantly reduced.

Development of the Capital Improvement Program is a collaborative effort by the City's Leadership Team and our citizen commissions. Departments participate in CIP development via specific master plans and other planning tools. Projects are typically generated and prioritized through public processes. Major capital projects are taken to the City Council during the development stage and often at the funding stage if there are grants or other funding sources that require specific action by the City Council.

Program Area Descriptions

The CIP is divided into the following categories:

- 1) General-includes General Fund capital outlay, information technology, and grants
- 2) Bike Trail
- 3) Streetlights, sidewalks and traffic signals
- 4) Transportation
- 5) Park Improvements
- 6) Equipment Replacement
- 7) Urban Renewal
- 8) Facilities

- 9) Airport
- 10) Water
- 11) Storm Drainage

Project Types

Projects generally fall within the primary categories identified below:

- System Repairs and Replacements – Projects needed to maintain existing infrastructure; typically needed to ensure service reliability.
- System Improvements – Projects designed to increase the functionality, efficiency and/or capability of the infrastructure.
- Capacity Increasing Projects to Meet Growth – Projects needed in order to provide services to new customers (generally SDC eligible).
- Redevelopment and Community Enhancement – Projects created for urban renewal, overall community or neighborhood livability and safety enhancement.

Program Goals

- Provide quality public infrastructure at the lowest life-cycle cost.
- Provide quality management of the CIP and fiscally responsible decisions.
- Provide updates to the City Council on program implementation.
- Ensure timely information is provided to Finance and to the City Council for cost differences.
- Provide timely project starts and completions.

Performance Measures

- Transportation: provide adequate street funding to maintain the Pavement Condition Index at or above 72. Improve street and landscaping aesthetics and street surface ridership for vehicles and bicycles. Identify capacity projects as needed and look for opportunities to improve existing facilities through technology upgrades.
- Water: maintain water treatment and distribution system capacities to standards for a City this size including supply, fire flow requirements, treatment standards and public perception of quality.
- Storm Drains: meet the Storm Water Management Plan requirements and adequately provide system capacity and update plan on a 5-year cycle.

What Projects Are in the CIP

Capital assets are defined as tangible and intangible assets acquired for use in operations that will benefit more than a single fiscal period. The Capital Improvement Program presents capital improvements and capital outlay. Capital improvements are expansions of, or improvements to, the City's physical structure such as buildings, land and improvements and infrastructure such as roads, bridges, sidewalks, lighting, parks and utility systems. Capital outlay is generally furniture, equipment, vehicles and technologies. The City's capitalization threshold is a minimum value of \$5,000 and a life expectancy of at least three years. Projects costing less than \$5,000 are not considered capital and are funded through operating budgets.

Projects in the CIP can include:

- Construction costs, i.e. labor, materials and contractors involved in completing a project,
- Acquisition of land or structures;
- Engineering or architectural services, professional studies or other administrative costs;
- Expenses for City vehicles, equipment, and technology; and
- Renovating or expanding City facilities.

Funding Overview

The CIP relies on a variety of funding sources to accomplish program objectives. These include debt financing, tax increment revenues, user fees, general fund revenues, grants and system development charges.

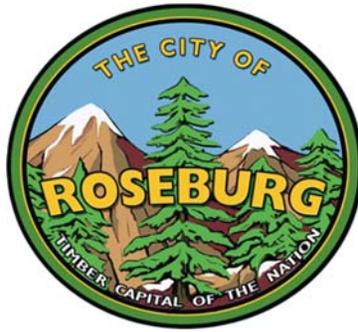
The CIP is not a financing document in and of itself. Rather, the CIP is utilized as a planning document that places projects in the annual budget whereby funds are appropriated for them by the City Council. Prior to actual project work, required contracts are presented to the City Council for final approval of expending funds.

FY21/22 Program Summary

The proposed expenditures for FY21/22 are approximately \$11 million. This is slightly higher than the budgeted capital expenditures in FY20/21.

Proposed FY 2021- 2022 Capital Expenditures

Fund	2021-22
General Fund	\$9,000
Bike Trail	\$160,000
Sidewalk/Streetlight/Traffic Signals	\$410,000
Transportation	\$1,550,000
Park Improvement/Stewart Trust	\$40,000
Equipment Replacement	\$308,500
Urban Renewal	\$0
Facilities	\$40,000
Airport	\$150,000
Water	\$7,142,500
Storm Drainage	\$1,480,000
Total All Funds	\$11,290,000



City of Roseburg
2021-2026 Capital Improvement Plan

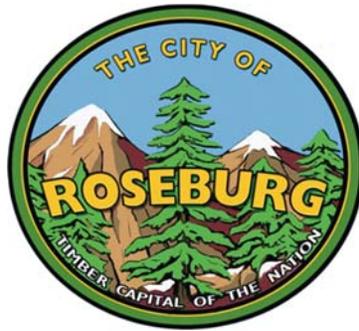
100 GENERAL FUND/IT/OTHER/GRANT FUND							
Project Description	Estimated Cost	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	
Copiers/Printers	45,000	9,000	9,000	9,000	9,000	9,000	9,000
Server Refresh	45,000						45,000
SAN Storage for Virtual Environment	60,000				60,000		
GENERAL FUND/IT/OTHER/GRANT FUND TOTAL	\$150,000	\$9,000	\$9,000	\$9,000	\$9,000	\$69,000	\$54,000
250 BIKE TRAIL FUND							
Project Description	Estimated Cost	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	
Multi-Use Path Upgrades - Grant Funding Required	300,000				150,000	150,000	
Repairs to existing multi-use trail system (non-capital)	50,000	10,000	10,000	10,000	10,000	10,000	10,000
Deer Creek Trail Renovation - Community Paths Grant	150,000	150,000					
Sunshine Park Trail System Construction	250,000			250,000			
BIKE TRAIL TOTAL	\$750,000	\$160,000	\$10,000	\$260,000	\$160,000	\$160,000	\$160,000
290 SIDEWALK/STREETLIGHT/SIGNAL							
Project Description	Estimated Cost	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	
ADA Upgrades	1,150,000	200,000	200,000	250,000	250,000	250,000	250,000
Sidewalk New Construction	50,000	10,000	10,000	10,000	10,000	10,000	10,000
Sidewalk Reconstruction	200,000	40,000	40,000	40,000	40,000	40,000	40,000
Traffic Signal Power Supply upgrade	150,000	150,000					
Traffic Signal Upgrades - Misc	50,000	10,000	10,000	10,000	10,000	10,000	10,000
Douglas Ave. Improvements	100,000			50,000	50,000		
SIDEWALK/STREETLIGHT TOTAL	\$1,700,000	\$410,000	\$260,000	\$360,000	\$360,000	\$360,000	\$310,000
310 TRANSPORTATION							
Project Description	Estimated Cost	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	
All Roads Transportation Safety (ARTS) Projects							
Project 1 - Systemic Intersection Improvements	741,000				741,000		
Project 2 - Systemic Bike/Ped improvements	630,000				630,000		
Pavement Management Plan	5,600,000	1,200,000	1,200,000	1,200,000	1,000,000	1,000,000	1,000,000
HBR - ODOT Bridge Replacement Matches							
Douglas design (match from STBG funds)	450,000						450,000
Stewart Park Drive (match from STBG funds)							
Parker	410,000				410,000		
Jackson	320,000						320,000
Stewart Parkway end panel repair	250,000	250,000					
Garden Valley Corridor Study	100,000	100,000					
Douglas Ave. Improvements	800,000			400,000	400,000		
TRANSPORTATION TOTAL	\$ 9,301,000	\$ 1,550,000	\$ 1,200,000	\$ 1,600,000	\$ 3,181,000	\$ 1,770,000	

**City of Roseburg
2021-2026 Capital Improvement Plan**

320							
710 PARKS							
Project Description	Estimated Cost	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	
Brown Park Expansion	300,000			75,000	75,000	150,000	
Skate Park Improvements	30,000		30,000				
Beulah Park Improvements	25,000	25,000					
Legion Field Improvements (Stewart Trust Fund)	75,000	15,000	15,000	15,000	15,000	15,000	
PARKS TOTAL	\$430,000	\$40,000	\$45,000	\$90,000	\$90,000	\$165,000	
330 EQUIPMENT REPLACEMENT							
Project Description	Estimated Cost	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	
Fire	1,288,000	70,000		86,000	210,000	922,000	
Police	1,015,000	73,500	169,500	392,000	342,500	37,500	
Public Works - Engineering	30,000					30,000	
Public Works - Streets	645,000		140,000	75,000	245,000	185,000	
Parks	831,000	165,000	160,000	160,000	176,000	170,000	
EQUIPMENT REPLACEMENT TOTAL	\$3,809,000	\$308,500	\$469,500	\$713,000	\$973,500	\$1,344,500	
350 URBAN RENEWAL							
Project Description	Estimated Cost	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	
Douglas Ave Improvements	700,000			150,000	550,000		
Douglas Ave Bridge	450,000					450,000	
URBAN RENEWAL TOTAL	\$1,150,000	\$0	\$0	\$150,000	\$550,000	\$450,000	
360 FACILITIES REPLACEMENT FUND							
Project Description	Estimated Cost	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	
Library Boiler Replacement	75,000		75,000				
Parking Lot Maintenance	50,000			25,000		25,000	
Library Front Doors	35,000			35,000			
Park Shop	15,000	15,000					
Misc. Building Improvements	125,000	25,000	25,000	25,000	25,000	25,000	
FACILITIES REPLACEMENT FUND TOTAL	\$300,000	\$40,000	\$100,000	\$85,000	\$25,000	\$50,000	

**City of Roseburg
2021-2026 Capital Improvement Plan**

520 AIRPORT FUND							
Project Description	Estimated Cost	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	
Backup Power	100,000	100,000					
Extend Taxiway A	1,600,000	50,000	150,000	1,400,000			
ODA Pavement Mgt	100,000			100,000			
Runway 16/34 Rehab	3,000,000				100,000	2,900,000	
AIRPORT TOTAL	\$4,800,000	\$150,000	\$150,000	\$1,500,000	\$100,000	\$2,900,000	
530 WATER FUND							
Project Description	Estimated Cost	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	
Land	25,000	5,000	5,000	5,000	5,000	5,000	5,000
Buildings and Structures	207,500	127,500	20,000	20,000	20,000	20,000	20,000
Equipment	345,000	75,000	140,000	60,000	70,000		
Water Vehicles	90,000		40,000		50,000		
Mapping/Plans	125,000	20,000	20,000	45,000	20,000	20,000	
Main Replacements	7,235,000	1,375,000	1,900,000	1,060,000	925,000	1,975,000	
New Mains	80,000	40,000	10,000	10,000	10,000	10,000	
Plant Improvements	3,500,000	2,050,000	200,000	750,000	200,000	300,000	
Reservoir Improvements	1,735,000	25,000	585,000	125,000	375,000	625,000	
Transmission Main							
West Ave	1,000,000	1,000,000					
24" Hooker to Isabell	2,100,000	2,100,000					
24" Isabell to Newton Creek Dr.	3,325,000	325,000		2,700,000	300,000		
24" Newton Creek Dr to Stewart Parkway	350,000					350,000	
Water System Master Plan Update	400,000		400,000				
WTP Facility Plan	400,000			400,000			
Water Management & Conservation Plan Update	60,000				60,000		
WATER TOTAL	\$20,977,500	\$7,142,500	\$3,320,000	\$5,175,000	\$2,035,000	\$3,305,000	
560 STORM DRAINAGE							
Project Description	Estimated Cost	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	
Balf Area Storm Drainage Phase 2	550,000		250,000	300,000			
Broccoli -Tie In	250,000	250,000					
Rainbow/Haggerty Storm	400,000	400,000					
Calkins Area Phase 2A, 4 - Troost Street	1,000,000			250,000	750,000		
Cured in Place Pipe (CIPP)	2,500,000	500,000	500,000	500,000	500,000	500,000	
Diamond Lake Blvd/Fulton Street Drainage Improvements	400,000				400,000		
Equipment Acquisition	420,000	10,000	10,000	40,000	350,000	10,000	
Buildings & Grounds	140,000	100,000	10,000	10,000	10,000	10,000	
Improvements - Mapping	45,000	20,000	10,000	5,000	5,000	5,000	
Misc. Storm Improvements	500,000	100,000	100,000	100,000	100,000	100,000	
Storm Drainage Master Plan Update	400,000			400,000			
Douglas Ave. Improvements	500,000			500,000			
Storm Water TMDL Implementation	900,000	100,000	200,000	200,000	200,000	200,000	
STORM DRAINAGE TOTAL	\$8,005,000	\$1,480,000	\$1,080,000	\$2,305,000	\$2,315,000	\$825,000	
TOTAL ALL FUNDS	\$51,372,500	\$11,290,000	\$6,643,500	\$12,247,000	\$9,858,500	\$11,333,500	



Fund 100

GENERAL FUND/IT/OTHER/GRANT FUND



The Information Technology (IT) Division of the Finance Department was formed to provide centralized services for technology related issues within the organization. The division also develops technology enhancements that will provide our customer and citizen base with the most economical and efficient service options available.

This section accounts for Information Technology, General Fund capital expenditures, and General Fund grant expenditures.

100 GENERAL FUND/IT/OTHER/GRANT FUND							
Project Description	Estimated Cost	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	
Copiers/Printers	45,000	9,000	9,000	9,000	9,000	9,000	
Server Refresh	45,000					45,000	
SAN Storage for Virtual Environment	60,000				60,000		
GENERAL FUND/IT/OTHER/GRANT FUND TOTAL	\$150,000	\$9,000	\$9,000	\$9,000	\$69,000	\$54,000	



BIKE TRAIL PROJECTS



The Bike Trail Fund accounts for the state mandated 1% share of gasoline subventions and grant revenues for the construction of multi-use paths within the City boundaries. The projects in the Bike Trail Fund are coordinated through the Parks Division and Parks & Recreation Commission. Bike trails are located within many of the City’s parks as well as adjacent to streets. The Bicycle and Pedestrian Plan was adopted in 2009 which identified priorities for bicycle and pedestrian facilities. Technically, repairs to existing paths are found in the Materials & Services portion of the Bike Trail Fund. Repairs have been included below for informational purposes.

250 BIKE TRAIL FUND							
Project Description	Estimated Cost	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	
Multi-Use Path Upgrades - Grant Funding Required	300,000				150,000	150,000	
Repairs to existing multi-use trail system (non-capital)	50,000	10,000	10,000	10,000	10,000	10,000	
Deer Creek Trail Renovation - Community Paths Grant	150,000	150,000					
Sunshine Park Trail System Construction	250,000			250,000			
BIKE TRAIL TOTAL	\$750,000	\$160,000	\$10,000	\$260,000	\$160,000	\$160,000	

Fund 250

BIKE TRAIL FUND FINANCIALS

Bike Trail	20-21	21-22	22-23	23-24	24-25	25-26
Beg Fund	180,850	201,100	193,250	193,772	119,544	120,925
Rev	28,750	162,150	20,522	195,773	171,381	171,368
M&S	5,000	10,000	10,000	10,000	10,000	10,000
Capital	3,500	160,000	10,000	260,000	160,000	160,000
End Bal	201,100	193,250	193,772	119,544	120,925	122,293

Assumptions:

- Materials & Services (M&S) remain unchanged
 - M&S includes path repairs that are not complete reconstructions

- Revenues –
 - Assumes \$150,000 OCP grant in FY 23
 - Assumes \$175,000 RTP grant in FY 24
 - Assumes \$150,000 in capital grants per year in FY 25 and FY 26
 - \$10,000 from franchise fees
 - 1% from gas tax pass through

BIKE TRAIL PROJECTS

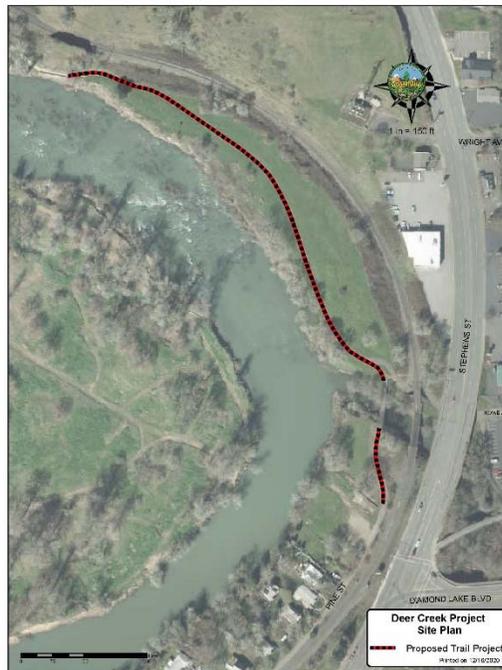


Multi-Use Path Upgrades – Grant Match/Repairs

These are funds budgeted annually to provide matching funds for any grant opportunities which may become available and for repairs to the existing path system. Any off-highway project listed within the Bicycle and Pedestrian Plan, Parks Master Plan, or the Waterfront Development Plan may be considered when applying for grants to construct new sections of path. Grants may also be utilized to replace existing sections of path that have reached the end of their useful life or to widen existing paths. Projects are chosen based on meeting the granting program criteria and on need. Staff is in the process of applying for a grant to reconstruct a section of the path between Gaddis Park and Deer Creek.

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs	300,000				150,000	150,000
M&S Costs	50,000	10,000	10,000	10,000	10,000	10,000
Funding Source						
Bike Trail	50,000	10,000	10,000	10,000	10,000	10,000
Grants	300,000				150,000	150,000

BIKE TRAIL PROJECTS

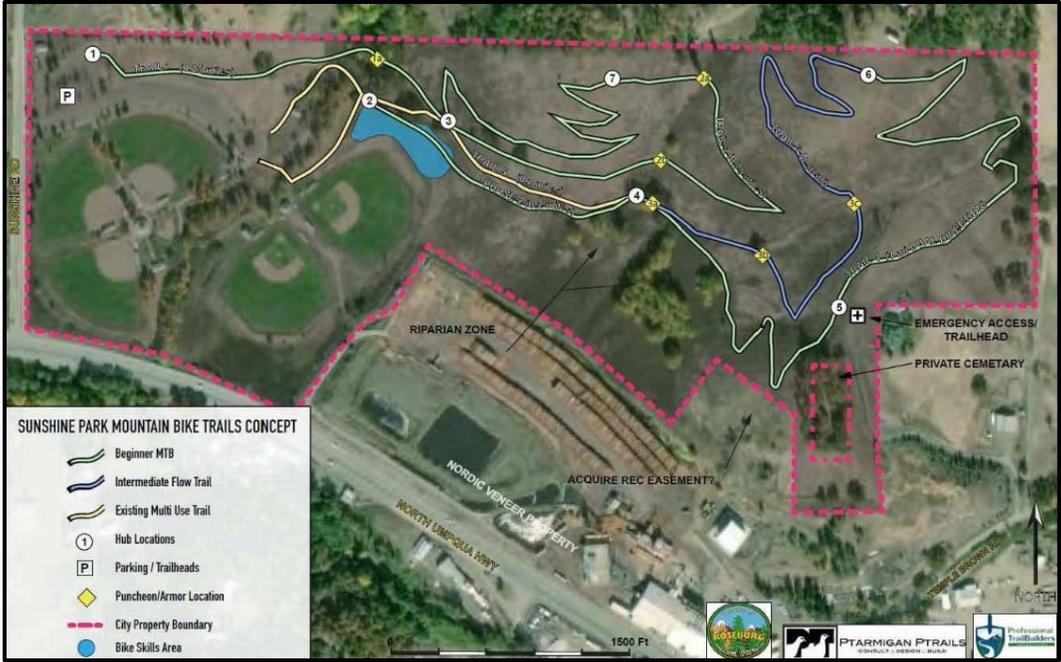


Deer Creek Trail Renovation

Staff has applied for an Oregon Community Paths grant to reconstruct a section of the path between Gaddis Park and Deer Creek that has reached the end of its lifecycle and has been partially damaged by erosion.

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs	150,000	150,000				
Funding Source						
Bike Trail						
Grant	150,000	150,000				

BIKE TRAIL PROJECTS



Sunshine Park Trail System

Staff will apply for Recreational Trail Program grant when available to construct a bike trail system at Sunshine Park.

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs	250,000			250,000		
Funding Source						
Bike Trail	75,000			75,000		
OCP Grant	175,000			175,000		



Fund 290

SIDEWALK/STREETLIGHT/SIGNAL PROJECTS



Revenue for this fund is provided via a transfer from the Hotel/Motel Tax Fund, set by ordinance at 32.89 percent of revenue collected from the hotel/motel occupancy tax. The fund is utilized for construction of new sidewalks, reconstruction of inadequate sidewalk facilities, construction of new streetlights and construction or improvements to traffic signals.

Many of the sidewalk projects are recommended in the City’s Bicycle and Pedestrian Plan. Sidewalk and streetlight projects are often constructed in conjunction with other street improvement projects. ADA upgrades will be a one of the primary focuses during this five year planning period.

290 SIDEWALK/STREETLIGHT/SIGNAL						
Project Description	Estimated Cost	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026
ADA Upgrades	1,150,000	200,000	200,000	250,000	250,000	250,000
Sidewalk New Construction	50,000	10,000	10,000	10,000	10,000	10,000
Sidewalk Reconstruction	200,000	40,000	40,000	40,000	40,000	40,000
Traffic Signal Power Supply upgrade	150,000	150,000				
Traffic Signal Upgrades - Misc	50,000	10,000	10,000	10,000	10,000	10,000
Douglas Ave. Improvements	100,000			50,000	50,000	
SIDEWALK/STREETLIGHT TOTAL	\$1,700,000	\$410,000	\$260,000	\$360,000	\$360,000	\$310,000

Fund 290

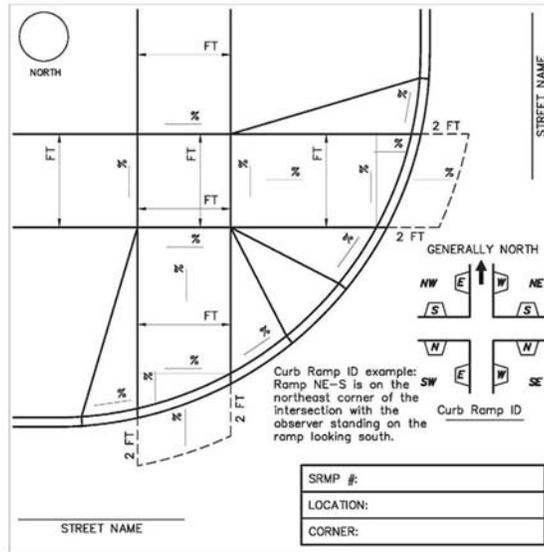
**STREETLIGHT/SIDEWALK FUND
FINANCIALS**

Sidewalk/Streetlight	20-21	21-22	22-23	23-24	24-25	25-26
Beg. Fund Balance	416,486	608,593	514,705	578,285	549,508	528,550
Revenue	371,442	402,977	413,051	423,378	433,962	444,811
M&S	84,335	86,865	89,471	92,155	94,920	97,767
Capital	95,000	410,000	260,000	360,000	360,000	310,000
Ending Fund Balance	608,593	514,705	578,285	549,508	528,550	565,594

Assumptions:

- Revenues increase 2.5% annually
- Materials & Services (M&S) increase 3% annually

SIDEWALK/STREETLIGHT/SIGNAL PROJECTS



Inspector Signature: _____ Date: _____
Print Name: _____

ADA Upgrades

In spring 2018, the City completed its ADA Transition Plan outlining how and when substandard ADA sidewalk access ramps and other features will be replaced. The funding identified below will contribute to making these improvements. Many of these improvements may be made as part of larger projects or as part of pavement rehabilitation projects.

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs	1,150,000	200,000	200,000	250,000	250,000	250,000
Funding Source						
Sidewalk/Streetlight	1,150,000	200,000	200,000	250,000	250,000	250,000

Fund 290

SIDEWALK/STREETLIGHT/SIGNAL PROJECTS



Sidewalk New Construction

Funds are budgeted annually in this line item to provide funding for small sidewalk projects to fill in gaps where needed.

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs	50,000	10,000	10,000	10,000	10,000	10,000
Funding Source						
Sidewalk/Streetlight	50,000	10,000	10,000	10,000	10,000	10,000

Fund 290

SIDEWALK/STREETLIGHT/SIGNAL PROJECTS



Sidewalk Reconstruction

This annual project is also known as the sidewalk rehabilitation program. The program pays the cost of labor for residential sidewalk reconstruction. The abutting property owner is required to pay for the cost of the materials. Public Works Engineering administers this program, which is typically budgeted at \$40,000 annually.

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs	200,000	40,000	40,000	40,000	40,000	40,000
Funding Source						
Sidewalk/Streetlight	200,000	40,000	40,000	40,000	40,000	40,000

Fund 290

SIDEWALK/STREETLIGHT/SIGNAL PROJECTS



Traffic Signal Upgrade - Misc

This is annual funding set aside to make small improvements to signalized intersections to improve access, capacity, safety, or energy related issues. Recent projects include updating the traffic signal controllers and pedestrian heads at existing signalized intersections.

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs	50,000	10,000	10,000	10,000	10,000	10,000
Funding Source						
Sidewalk/Streetlight	50,000	10,000	10,000	10,000	10,000	10,000

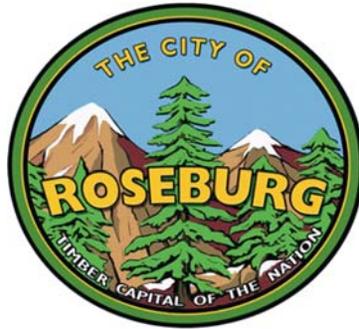
SIDEWALK/STREETLIGHT/SIGNAL PROJECTS



Traffic Signal Power Supply Upgrade

This is a project to update the computer power supply that powers the computerized equipment in the City's traffic signal controller cabinets.

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs	150,000	150,000				
Funding Source						
Sidewalk/Streetlight	150,000	150,000				



Fund 310

TRANSPORTATION PROJECTS



The Transportation Fund accounts for the financial resources used for infrastructure construction and major improvements other than those related to drainage, parks and proprietary fund assets. Historically, street reconstruction and new street projects have been funded through this fund.

The Public Works Department administers the Transportation Capital Improvement Fund with oversight from the Public Works Commission. Funding mechanisms include state gas tax subventions, system development charges, franchise fees and State Transportation Plan funds.

310 TRANSPORTATION							
Project Description	Estimated Cost	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	
All Roads Transportation Safety (ARTS) Projects							
Project 1 - Systemic Intersection Improvements	741,000				741,000		
Project 2 - Systemic Bike/Ped improvements	630,000				630,000		
Pavement Management Plan	5,600,000	1,200,000	1,200,000	1,200,000	1,000,000	1,000,000	
HBR - ODOT Bridge Replacement Matches							
Douglas design (match from STBG funds)	450,000					450,000	
Stewart Park Drive (match from STBG funds)	-						
Parker	410,000				410,000		
Jackson	320,000					320,000	
Stewart Parkway end panel repair	250,000	250,000					
Garden Valley Corridor Study	100,000	100,000					
Douglas Ave. Improvements	800,000			400,000	400,000		
TRANSPORTATION TOTAL	\$ 9,301,000	\$ 1,550,000	\$ 1,200,000	\$ 1,600,000	\$ 3,181,000	\$ 1,770,000	

Fund 310

**TRANSPORTATION FUND
FINANCIALS**

Transportation	20-21	21-22	22-23	23-24	24-25	25-26
Beg. Fund Balance	2,454,911	1,973,264	1,608,034	1,917,766	1,828,809	1,460,075
Revenue	2,476,690	2,648,562	3,012,636	3,054,236	4,396,954	3,148,109
M&S	1,265,817	1,303,792	1,342,905	1,383,192	1,424,688	1,467,429
Pavement Mgt	150,000	150,000	150,000	150,000	150,000	150,000
Capital	1,532,520	1,550,000	1,200,000	1,600,000	3,181,000	1,770,000
Bike Fund Transfer	10,000	10,000	10,000	10,000	10,000	10,000
Ending Fund Balance	1,973,264	1,608,034	1,917,766	1,828,809	1,460,075	1,210,755

Revenue Assumptions:

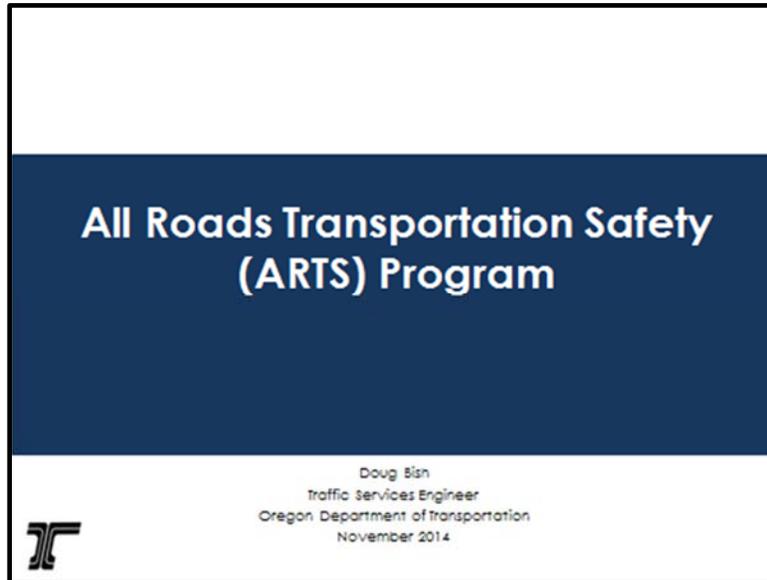
- 20-21 Gas tax revenue reduced due to COVID
- Franchise Fees increase 3% annually
- Gas Tax revenue per LOC estimate 4/10/20
- TSDC revenues remain flat at \$100,000 per year

Revenue	20-21	21-22	22-23	23-24	24-25	25-26
Franchise	517,000	532,510	548,485	564,940	581,888	599,345
STP			300,000	300,000	300,000	300,000
Gas Tax	1,326,547	1,420,159	1,399,483	1,391,570	1,376,910	1,361,764
HB2017	521,143	583,893	652,668	685,726	761,156	775,000
SDCs	100,000	100,000	100,000	100,000	100,000	100,000
ARTS/VA					1,265,000	
Interest	12,000	12,000	12,000	12,000	12,000	12,000
Total Revenue	2,476,690	2,648,562	3,012,636	3,054,236	4,396,954	3,148,109

Expenditure Assumptions:

- Materials & Services (M&S) increase 3% annually

TRANSPORTATION PROJECTS



All Roads Transportation Safety (ARTS) Project

The City has applied for two ARTS grants to make safety improvements in multiple places throughout Roseburg. Improvements includes signalized intersection improvements at 22 separate locations; and bicycle/pedestrian improvements on Harvard Ave. and Edenbower Blvd. The status of City grant applications will be announced in 2022.

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Cost	1,371,000				1,371,000	
Funding Source						
ARTS funding	1,264,430				1,264,430	
Transportation	106,570				106,570	

Fund 310

TRANSPORTATION PROJECTS



HBR – ODOT Bridge Replacement Grant Matches

The City has received ODOT funding for design of a replacement bridge on Douglas Ave. The City has also received ODOT funding for rehabilitation of the Stewart Park Drive Bridge. These bridges are functionally obsolete based on the latest bridge inspection reports. Additionally, the City has applied for ODOT grant funding for the construction of the Douglas Ave. bridge, replacement of the Parker St. bridge, and rehabilitation of the Jackson St. bridge. The costs programmed below are for the match portion required to complete these bridge replacement projects.

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Cost						
Douglas Design (FY 22 match from STBG funds)	450,000					450,000
Stewart Park Drive (FY 22 match from STBG funds)						
Parker	410,000				410,000	
Jackson	320,000					320,000
Funding Source						
Transportation	1,180,000				410,000	820,000

TRANSPORTATION PROJECTS

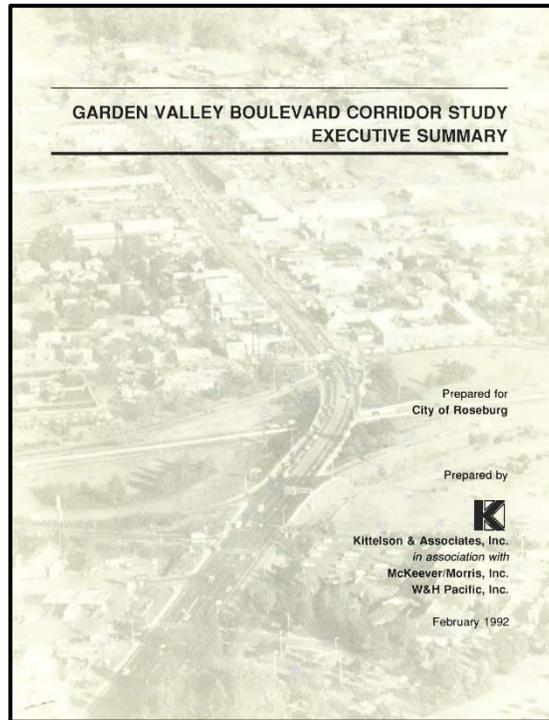


Stewart Parkway Bridge Approaches

This project will address the issues with the bridge approaches on either side of the Stewart Parkway Bridge over the South Umpqua River. This project will begin in FY20/21, therefore only a portion (approximately 60%) of the funding is shown in the table below.

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Cost	250,000	250,000				
Funding Source						
Transportation	250,000	250,000				

TRANSPORTATION PROJECTS



Garden Valley Blvd. Corridor Study

A study of the Garden Valley Blvd. corridor was conducted in 1992. A new, updated study would review the previous study, input current data and develop options for improving traffic flow on Garden Valley Blvd. from Stephens St. to Stewart Parkway.

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs	100,000	100,000				
Funding Source						
Transportation	100,000	100,000				

PARKS PROJECTS

PARK IMPROVEMENT/STEWART TRUST FUNDS



The City of Roseburg owns and manages 362 acres of park land. The parks range in size from 0.2 to over 200 acres. The park system includes five mini-parks, three neighborhood parks, three community parks, one regional park, four special use areas and three natural areas/greenways. In addition, the Parks Division maintains beautification areas throughout the City.

In 2008 a Parks Master Plan was completed. The Plan was developed to guide the City in continuing to provide quality parks

and recreation facilities that meet the needs of the community over the next two decades.

Projects within parks are generally accomplished with a combination of grant funding, Park Improvement Funds and/or Stewart Trust Funds for projects occurring within Stewart Park. In recent history, Urban Renewal Funds have been used as a grant matching source for projects located within the Urban Renewal District.

320							
710	PARKS						
	Project Description	Estimated Cost	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026
	Brown Park Expansion	300,000			75,000	75,000	150,000
	Skate Park Improvements	30,000		30,000			
	Beulah Park Improvements	25,000	25,000				
	Legion Field Improvements (Stewart Trust Fund)	75,000	15,000	15,000	15,000	15,000	15,000
	PARKS TOTAL	\$430,000	\$40,000	\$45,000	\$90,000	\$90,000	\$165,000

Fund 320/710

**PARK IMPROVEMENT FUND
FINANCIALS**

Park Improvement	20-21	21-22	22-23	23-24	24-25	25-26
Beg Fund	390,926	463,401	505,401	556,501	601,674	645,892
Rev	360,600	97,000	107,000	152,000	152,000	197,000
M&S	30,000	30,000	30,900	31,827	32,782	33,765
Capital	258,125	25,000	25,000	75,000	75,000	150,000
End Bal	463,401	505,401	556,501	601,674	645,892	659,127

Assumptions:

- Revenues do not increase over time.
- Materials & Services (M&S) increase 3% annually

STEWART TRUST FINANCIALS

Stewart Trust	20-21	21-22	22-23	23-24	24-25	25-26
Beg Fund	104,254	70,004	73,004	78,504	84,504	90,504
Rev	20,750	18,000	20,500	21,000	21,000	21,000
Capital	55,000	15,000	15,000	15,000	15,000	15,000
End Bal	70,004	73,004	78,504	84,504	90,504	96,504

PARKS PROJECTS



Brown Park Property Acquisition/Playground Development

The vacant land adjacent to Brown Park has been identified for potential expansion of the park. The expansion of the park could include updated playground equipment relocated away from Harvard Ave., basketball courts, walking paths, picnic areas, etc. In 2013, the City Council voted to sell Willis Park with the Willis House in downtown Roseburg. Twenty-five percent of the net sale has been dedicated to the Park Improvement Fund for the purpose of park land acquisition. Development of any new park land will be contingent upon a successful grant application.

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs	300,000			75,000	75,000	150,000
Funding Source						
Park Improvement	80,000			20,000	20,000	40,000
Grant	220,000			55,000	55,000	110,000

PARKS PROJECTS



Skate Park Improvements

The Parks Master Plan recommends improvements to the Skate Park within Stewart Park. Improvements may include a new area for beginners, shade structure, spectator seating, and landscaping improvements. Improvements would be at least partially grant funded and could include a community support as a funding component.

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs	30,000		30,000			
Funding Source						
Stewart Trust Fund	10,000		10,000			
Grant Fund	15,000		15,000			
Community Support	5,000		5,000			

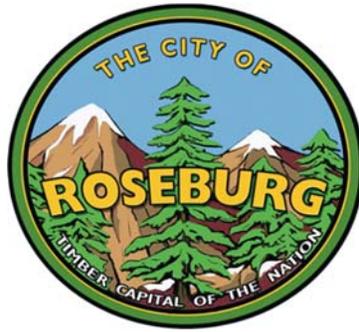
PARKS PROJECTS



Beulah Park Improvements

All play equipment has been removed from Beulah Park due to safety concerns regarding the aging equipment. Planned improvements include a site master plan, new play equipment, a new sidewalk abutting the street, and new walkways within the park.

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs	25,000	25,000				
Funding Source						
Grant	25,000	25,000				



Fund 330

EQUIPMENT REPLACEMENT



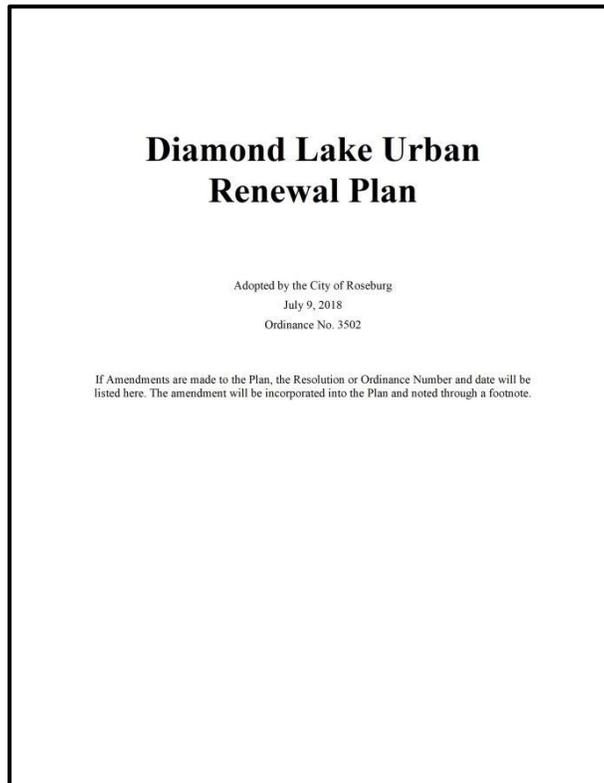
The Equipment Replacement Fund was established a number of years ago to provide assurance that funding would be available to provide for major vehicle acquisitions. By annually transferring resources from the General Fund, budget fluctuations in tax-supported funds can be minimized.

The City maintains a vehicle replacement policy that calls for replacement of different types of vehicles at different intervals. Evaluations are made based on vehicle performance, maintenance history and job requirements for which the vehicle is used. Many vehicles are reassigned after the primary use of the vehicle can no longer be accomplished.

330 EQUIPMENT REPLACEMENT							
Project Description	Estimated Cost	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	
Fire	1,288,000	70,000		86,000	210,000	922,000	
Police	1,015,000	73,500	169,500	392,000	342,500	37,500	
Public Works - Engineering	30,000					30,000	
Public Works - Streets	645,000		140,000	75,000	245,000	185,000	
Parks	831,000	165,000	160,000	160,000	176,000	170,000	
EQUIPMENT REPLACEMENT TOTAL	\$3,809,000	\$308,500	\$469,500	\$713,000	\$973,500	\$1,344,500	



URBAN RENEWAL PROJECTS



The City adopted the Diamond Lake Urban Renewal Plan in July of 2018. The 30-year plan allows for a maximum indebtedness of \$72,800,000 and covers 711 acres primarily along the Diamond Lake Blvd corridor. Projects identified in the plan are divided into five categories; Economic Development, Housing Incentive, Public Safety, Transportation, and Beautification.

350 URBAN RENEWAL							
Project Description	Estimated Cost	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	
Douglas Ave improvements	700,000			150,000	550,000		
Douglas Ave Bridge	450,000					450,000	
URBAN RENEWAL TOTAL	\$1,150,000	\$0	\$0	\$150,000	\$550,000	\$450,000	

URBAN RENEWAL PROJECTS



Douglas Avenue Improvements

This section of Douglas Avenue east of Deer Creek would include widening to include bike lanes, curb, gutter, storm drainage, sidewalks and street lighting. The project may also include an enhanced crossing treatment at Eastwood Park.

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs	2,600,000			1,300,000	1,300,000	
Funding Source						
Urban Renewal	700,000			150,000	550,000	
Water	500,000			500,000		
Storm	500,000			500,000		
Transportation	800,000			400,000	400,000	
Sidewalk/Streetlight	100,000			50,000	50,000	
Project total	2,600,000			1,600,000	1,000,000	

Fund 350

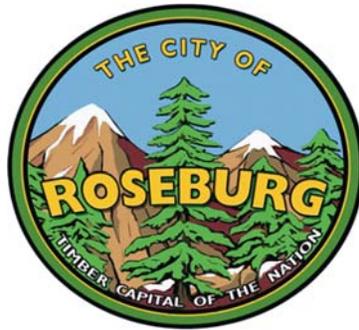
URBAN RENEWAL PROJECTS



Douglas Ave. Deer Creek Bridge

In March, 2019, the City of Roseburg was awarded a grant through the ODOT Local Bridge Program for design of a replacement bridge on Douglas Avenue over Deer Creek. In October 2020 the City applied for a similar grant for the construction of the project. The funds shown below are for 50% of the required City grant matching funds. The remainder will come from the Transportation fund.

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs						
Douglas Ave. Bridge Matching Funds	450,000					450,000
Funding Source						
Urban Renewal	450,000					450,000



FACILITY PROJECTS



In 2007, the City commissioned a Facility Condition Assessment Report for all City facilities. The report included approximately \$1 million in deferred or immediate maintenance needs. An additional \$5 million worth of improvements over the first five years of the report was also outlined. Many of the City facilities are used past what is considered their useable life.

There are three projects currently funded in the Facilities Fund. Replacement of the boiler at the library, general parking lot maintenance, and repairs at the Parks

shop. Additionally, funds are budgeted for miscellaneous building improvements for minor building system repairs that cannot be predicted.

There are many additional needs at City owned facilities. These projects are not currently funded and have not been included in this version of the plan.

360 FACILITIES REPLACEMENT FUND							
Project Description	Estimated Cost	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	
Library Boiler Replacement	75,000		75,000				
Parking Lot Maintenance	50,000			25,000		25,000	
Library Front Doors	35,000			35,000			
Park Shop	15,000	15,000					
Misc. Building improvements	125,000	25,000	25,000	25,000	25,000	25,000	
FACILITIES REPLACEMENT FUND TOTAL	\$300,000	\$40,000	\$100,000	\$85,000	\$25,000	\$50,000	

Fund 360

FACILITIES REPLACEMENT FUND
FINANCIALS

Facilities	20-21	21-22	22-23	23-24	24-25	25-25
Beg Fund	235,157	226,029	248,935	209,985	184,089	216,147
Rev	266,000	100,000	100,000	100,000	100,000	100,000
M&S	35,328	37,094	38,949	40,897	42,941	45,088
Capital	239,800	40,000	100,000	85,000	25,000	50,000
End Bal	226,029	248,935	209,985	184,089	216,147	221,059

AIRPORT PROJECTS



The Airport Fund was separated from Economic Development Fund in 2002 to account for revenues and expenditures of the Roseburg Regional Airport. Primary operating revenues are from fuel sales and lease income. The fund depends on federal grants from the Federal Aviation Administration for most airport construction and major improvements. In recent history, the Oregon Department of Aviation has provided for the majority of the required matching funds for FAA grants. The remaining match comes from the Airport Fund.

520 AIRPORT FUND							
Project Description	Estimated Cost	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	
Backup Power	100,000	100,000					
Extend Taxiway A	1,600,000	50,000	150,000	1,400,000			
ODA Pavement Mgt	100,000			100,000			
Runway 16/34 Rehab	3,000,000				100,000	2,900,000	
AIRPORT TOTAL	\$4,800,000	\$150,000	\$150,000	\$1,500,000	\$100,000	\$2,900,000	

AIRPORT PROJECTS



Backup Power

The Oregon Resilience Plan lists the Roseburg Regional Airport as a Tier 1 airport. Tier 1 is defined as “an essential airport that will allow access to major population centers and areas considered vital for both rescue operations and economic restoration”. As such, it makes sense to invest in backup power to ensure the airport runway/taxiway lighting and fuel facilities are able to operate in the event of a power disruption.

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs						
Backup Power Design/Construction	100,000	100,000				
Funding Source						
Airport Fund	10,000	10,000				
ODA COARS Grant*	90,000	90,000				

**If available/awarded*

AIRPORT PROJECTS



Taxiway A Extension

The runway was extended by 400 feet in 2009/10 utilizing a ConnectOregon 3 Grant. Due to funding constraints, the parallel taxiway was not constructed. The proposed project will extend the taxiway 400 feet to eliminate the back taxi required on Runway 16. The extended runway length was justified as part of the 2019 Airport Master Plan update and is eligible for FAA funding.

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs						
Environmental/Prelim Design	200,000	50,000	150,000			
Final Design Construct	1,400,000			1,400,000		
Funding Source						
FAA	1,440,000	45,000	135,000	1,260,000		
Airport Fund/ ODA COARS Grant*	160,000	5,000	15,000	140,000		

**If available/awarded*

AIRPORT PROJECTS



Runway Pavement Rehabilitation

Preservation of runway pavements is among the highest priorities for FAA funding. The Pavement Condition Index (PCI) of Runway 16/34 was rated between 54 and 63 in the 2019 evaluation performed by the Oregon Department of Aviation’s consultant. This project will identify the type of preservation project required and include design and construction of that project.

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs						
Preliminary Design	150,000				100,000	50,000
Final Design Construct	2,850,000					2,850,000
Funding Source						
FAA	2,700,000				90,000	2,610,000
Airport Fund/ ODA COARS Grant*	300,000				10,000	290,000

**If available/awarded*

WATER PROJECTS



The Water Service Fund accounts for the operation of the City's domestic drinking water utility. The operations, debt and capital outlay are totally supported by charges for services. The City purchased the utility from Oregon Water Corporation in 1977, and has since been upgrading the system in the course of normal depreciation as well as to correct major existing deficiencies within the system. Once undertaken, these projects are designed to accommodate anticipated growth and changes in design standards.

The Water System Master Plan and Capital Improvement Plan was adopted in 2010. A long range Water Supply Plan and Water Treatment Facilities Preliminary Design Report were completed in 2009. Together, these documents outline the high priority projects for the next decade. Short term capital improvement projects from the Master Plan have been included in this document. An update to the master plan is scheduled in FY 2023.

530 WATER FUND						
WATER						
Project Description	Estimated Cost	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026
Land	25,000	5,000	5,000	5,000	5,000	5,000
Buildings and Structures	207,500	127,500	20,000	20,000	20,000	20,000
Equipment	345,000	75,000	140,000	60,000	70,000	
Water Vehicles	90,000		40,000		50,000	
Mapping/Plans	125,000	20,000	20,000	45,000	20,000	20,000
Main Replacements	7,235,000	1,375,000	1,900,000	1,060,000	925,000	1,975,000
New Mains	80,000	40,000	10,000	10,000	10,000	10,000
Plant Improvements	3,500,000	2,050,000	200,000	750,000	200,000	300,000
Reservoir Improvements	1,735,000	25,000	585,000	125,000	375,000	625,000
Transmission Main						
West Ave	1,000,000	1,000,000				
24" Hooker to Isabell	2,100,000	2,100,000				
24" Isabell to Newton Creek Dr.	3,325,000	325,000		2,700,000	300,000	
24" Newton Creek Dr to Stewart Parkway	350,000					350,000
Water System Master Plan Update	400,000		400,000			
WTP Facility Plan	400,000			400,000		
Water Management & Conservation Plan Update	60,000				60,000	
WATER TOTAL	\$20,977,500	\$7,142,500	\$3,320,000	\$5,175,000	\$2,035,000	\$3,305,000

Fund 530

WATER FUND FINANCIALS

Water	20-21	21-22	22-23	23-24	24-25	25-26
Beg Fund	10,284,504	11,483,915	6,771,902	5,858,276	3,059,962	3,365,977
Rev	7,069,750	7,281,843	7,500,298	7,725,307	7,957,066	8,195,778
M&S	2,737,627	2,874,508	3,018,234	3,169,145	3,327,603	3,493,983
Personnel Svc	1,882,712	1,976,848	2,075,690	2,179,474	2,288,448	2,402,871
Capital	1,250,000	7,142,500	3,320,000	5,175,000	2,035,000	3,305,000
End Bal	11,483,915	6,771,902	5,858,276	3,059,962	3,365,977	2,359,902

Assumptions:

- Materials & Services (M&S) increase 5% annually
- Personnel Services increase 5% annually
- Revenues increase 3% annually

Fund 530

WATER PROJECTS



Land

These funds are budgeted annually for purchase of easements or small parcels of property needed to facilitate the water system, pump stations, and/or reservoirs.

	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs	25,000	5,000	5,000	5,000	5,000	5,000
Funding Source						
Water	25,000	5,000	5,000	5,000	5,000	5,000

Fund 530

WATER PROJECTS



Buildings and Structures

Funds budgeted annually for improvements or capital maintenance for the City maintenance facility on Fulton Street. Funds are budgeted in Storm Drainage, Facilities and Water Funds for this purpose. Funds for replacement of the Fulton Shop roof are budgeted in FY 2022.

	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs	207,500	127,500	20,000	20,000	20,000	20,000
Funding Source						
Water	207,500	127,500	20,000	20,000	20,000	20,000

WATER PROJECTS



Equipment

Funds budgeted for equipment purchase and/or replacement according to the replacement schedule.

	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs						
Mini-Excavator (50%)	75,000	75,000				
Dump Truck	140,000		140,000			
Vacuum Trailer	60,000			60,000		
Valve Trailer	60,000				60,000	
Equipment Trailer (50%)	10,000				10,000	
Funding Source						
Water	345,000	75,000	140,000	60,000	70,000	

Fund 530

WATER PROJECTS



Water Vehicles

Funds budgeted to replace Water Division vehicles.

	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs						
1-Ton Cab & Chassis	40,000		40,000			
Valve Truck	50,000				50,000	
Funding Source						
Water	90,000		40,000		50,000	

WATER PROJECTS



Mapping/Plans

Funds budgeted annually for maintaining the City’s GIS system related to water transmission and distribution. Funds will be used for maintaining/upgrading the computer system, handheld GPS units, related software and technical support. Funds are also budgeted every five years to update the City’s aerial photos.

	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs	125,000	20,000	20,000	45,000	20,000	20,000
Funding Source						
Water	125,000	20,000	20,000	45,000	20,000	20,000

WATER PROJECTS



Main Replacement

This budgeted item is to replace existing distribution mains annually for the following purposes: increase fire flows, replace aged/leaking pipes or to accommodate street improvements.

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs						
Vine Street	75,000	75,000				
Washington Bore Crossing	1,200,000	1,200,000				
Diamond Lake 18"	1,800,000		1,800,000			
Portland Ave. Bore Crossing	1,500,000					1,500,000
Douglas Ave	900,000			500,000	400,000	
NE Jackson & NE Commercial	460,000			460,000		
Main St. Douglas to Lane	425,000				425,000	
Military Ave	375,000					375,000
TBD	250,000	50,000	50,000	50,000	50,000	50,000
Miscellaneous	250,000	50,000	50,000	50,000	50,000	50,000
Funding Source						
Water	7,235,000	1,375,000	1,900,000	1,060,000	925,000	1,975,000

WATER PROJECTS



New Mains

It is the City’s policy for developers to build new mains to serve new areas and for the City to operate and maintain the system after initial construction. Piping gaps left by private extensions are now a minor problem, and expenditures for this purpose are minimal. These projects will complete loops in areas to provide flexibility within the system.

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs						
Knoll Street	30,000	30,000				
TBD	50,000	10,000	10,000	10,000	10,000	10,000
Funding Source						
Water	80,000	40,000	10,000	10,000	10,000	10,000

WATER PROJECTS



Plant Improvements

The Water Treatment Facilities Preliminary Design Report lists capital improvement recommendations to be constructed prior to the expansion of the plant. Improvements will include installation of a standby power generation system, replacement of filter media, and flocculation basin improvements.

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs						
Standby Power Supply	1,750,000	1,750,000				
Replace Filter Media & Troughs	300,000			300,000		
Floc Basin Improvements	100,000			100,000		
High Head PS HVAC replacement	50,000			50,000		
Sedimentation Basin	100,000			100,000		
Misc. Equipment Replacement/upgrades	1,200,000	300,000	200,000	200,000	200,000	300,000
Funding Source						
Water	3,500,000	2,050,000	200,000	750,000	200,000	300,000

Fund 530

WATER PROJECTS



Reservoir Improvements

This budget line item includes pump station or reservoir construction, upgrades, replacements, re-coatings, and other capital improvements.

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs						
Grange Reservoir Coating	250,000				250,000	
Military PS	210,000		210,000			
N.C. Reservoir*	500,000					500,000
Rocky Ridge Floor	100,000		100,000			
Boulders PS*	100,000			100,000		
Reservoir Hill Demo	250,000		250,000			
TBD	200,000				100,000	100,000
Misc.	125,000	25,000	25,000	25,000	25,000	25,000
Funding Source						
Water	1,735,000	25,000	585,000	125,000	375,000	625,000

*Development Driven

WATER PROJECTS



Transmission Main

This capital item includes transmission main replacements, upgrades and installation of cathodic protection.

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs						
West Ave	1,000,000	1,000,000				
24" Hooker to Isabell	2,100,000	2,100,000				
24" Isabell to Newton Creek	3,325,000	325,000		2,700,000	300,000	
24" Newton Ck. To Stewart Parkway	350,000					350,000
Funding Source						
Water Fund	6,775,000	3,425,000		2,700,000	300,000	350,000

WATER PROJECTS

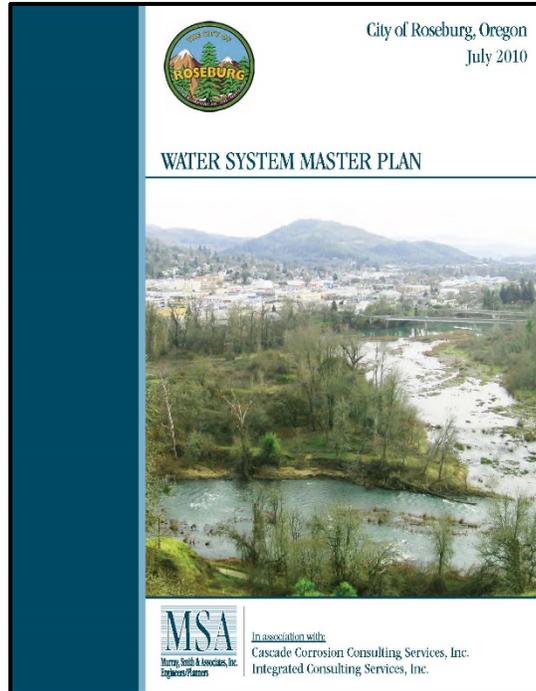


LID

Water main extensions through semi-developed areas can be financed by the Water Fund on a project specific basis, usually upon a petition from the benefitting property owners. No projects are identified at this time.

Fund 530

WATER PROJECTS

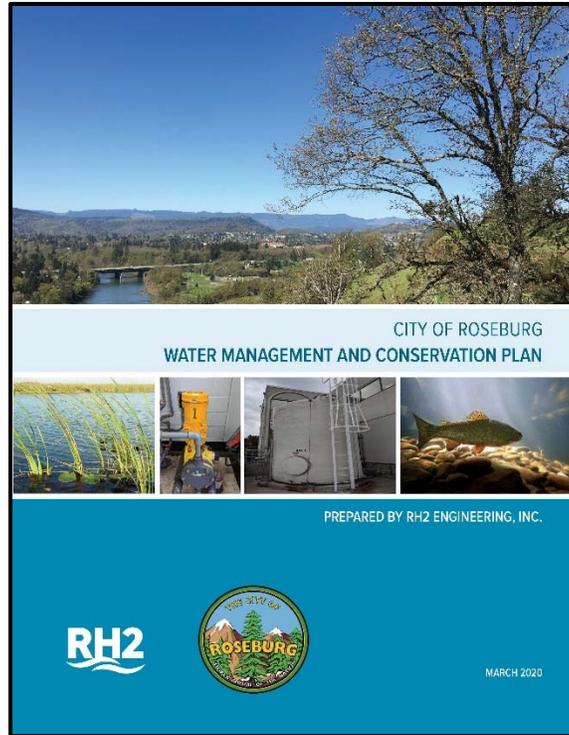


Water System Master Plan

The Water System Master Plan and Capital Improvement Plan was adopted in 2010. A long range Water Supply Plan and Water Treatment Facilities Preliminary Design Report were completed in 2009. Together, these documents outline the high priority projects for both the water treatment plant and the distribution system. An update to the master plan is scheduled in FY 2023.

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs						
Water System Master Plan	400,000		400,000			
WTP Facility Plan	400,000			400,000		
Funding Source						
Water	800,000		400,000	400,000		

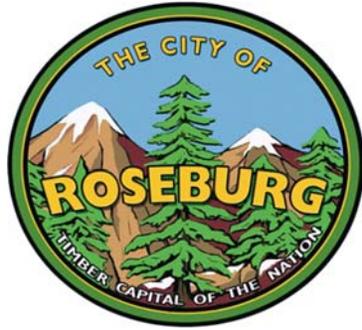
WATER PROJECTS



Water Management & Conservation Plan

The Water Management and Conservation Plan is required by the Oregon Water Resources Department. The plan is required to be updated every five years. The original plan was completed in 2020 and the first update will be required in FY 2025.

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs						
Water Management & Conservation Plan	60,000				60,000	
Funding Source						
Water	60,000				60,000	



Fund 560

STORM DRAINAGE PROJECTS



This fund was created in 1989-90 to account for the revenues and operations of the City's storm drainage system. The principal source of revenue to this fund is user fees and system development charges. Grant revenues will be applied for when appropriate.

The Fund is managed by the Public Works Department using the City's Storm Drainage Master Plan as a general guideline. General oversight is provided by the Public Works

Commission. An update of the Storm Drainage Master Plan was completed in 2011. The projects included in this five-year plan are based on the Master Plan. User fees were reviewed in 2013, and a five-year series of fee increases was implemented. System development charges may be reviewed in the near future based on capital improvement needs identified in the Storm Drainage Master Plan.

560 STORM DRAINAGE						
Project Description	Estimated Cost	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026
Balf Area Storm Drainage Phase 2	550,000		250,000	300,000		
Broccoli -Tie In	250,000	250,000				
Rainbow/Haggerty Storm	400,000	400,000				
Calkins Area Phase 2A, 4 - Troost Street	1,000,000			250,000	750,000	
Cured in Place Pipe (CIPP)	2,500,000	500,000	500,000	500,000	500,000	500,000
Diamond Lake Blvd/Fulton Street Drainage Improvements	400,000				400,000	
Equipment Acquisition	420,000	10,000	10,000	40,000	350,000	10,000
Buildings & Grounds	140,000	100,000	10,000	10,000	10,000	10,000
Improvements - Mapping	45,000	20,000	10,000	5,000	5,000	5,000
Misc. Storm Improvements	500,000	100,000	100,000	100,000	100,000	100,000
Storm Drainage Master Plan Update	400,000			400,000		
Douglas Ave. Improvements	500,000			500,000		
Storm Water TMDL Implementation	900,000	100,000	200,000	200,000	200,000	200,000
STORM DRAINAGE TOTAL	\$8,005,000	\$1,480,000	\$1,080,000	\$2,305,000	\$2,315,000	\$825,000

Fund 560

STORM DRAINAGE FUND
FINANCIALS

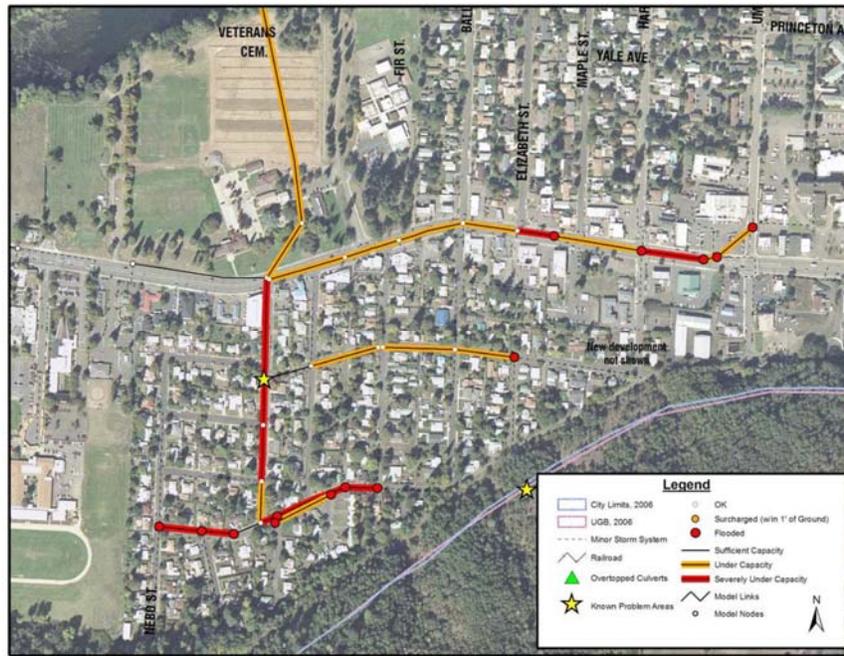
Storm Drainage	20-21	21-22	22-23	23-24	24-25	25-26
Beg. Fund Balance	3,922,692	4,249,798	4,361,814	4,876,962	4,168,868	3,451,061
Revenue	2,499,000	2,548,980	2,599,960	2,651,959	2,704,998	2,759,098
M&S	911,394	956,964	1,004,812	1,055,052	1,107,805	1,163,195
Capital	1,260,500	1,480,000	1,080,000	2,305,000	2,315,000	825,000
Ending Fund Balance	4,249,798	4,361,814	4,876,962	4,168,868	3,451,061	4,221,964

Assumptions:

Materials & Services (M&S) increase 5% annually

Revenues increase 2% annually

STORM DRAINAGE PROJECTS



Ballf Area Storm Drainage Phase 2

The City completed a study of this area in 2013 to identify alternatives to alleviate drainage issues identified in the Storm Drainage Master Plan. The first phase was constructed in 2014. The next phase will upsize existing storm drainage piping in Harvard Ave. from Ballf St. to Umpqua St.

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Cost	550,000		250,000	300,000		
Funding Source						
Storm Drainage	550,000		250,000	300,000		

STORM DRAINAGE PROJECTS



Broccoli Tie-in

There is an existing storm drainage line that runs overland within the unimproved right-of-way of Broccoli Street. This project will bury, extend and tie that piping in at Lorraine Street.

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs	250,000	250,000				
Funding Source						
Storm Drainage	250,000	250,000				

STORM DRAINAGE PROJECTS

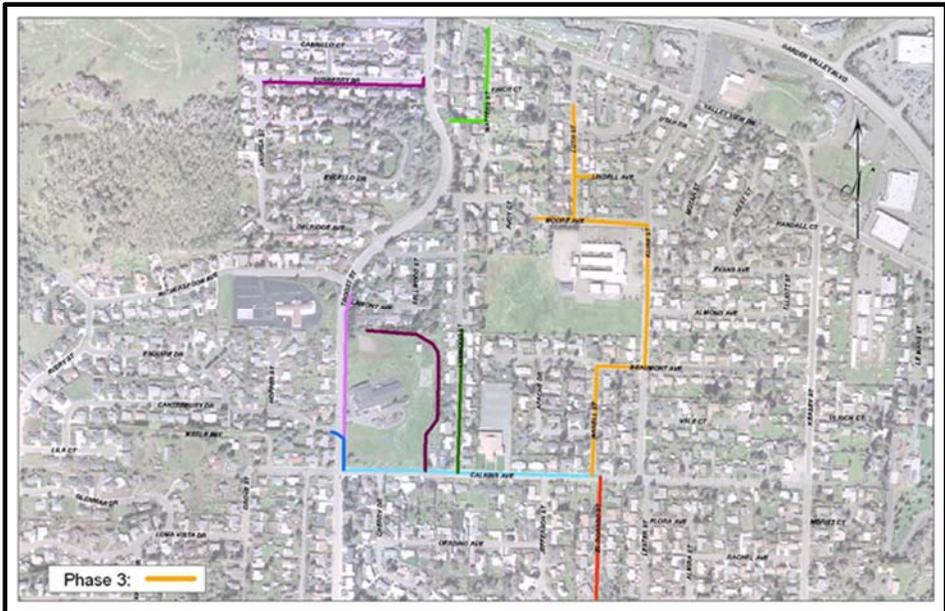


Rainbow/Haggerty Storm Improvements

There is an existing storm drain pipe that connects the Haggerty Street drainage area to Harvard Ave. This pipe is severely undersized and located under existing buildings. This project will upsize and relocate the storm drain such that it is located within the right of way.

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs	400,000	400,000				
Funding Source						
Storm Drainage	400,000	400,000				

STORM DRAINAGE PROJECTS

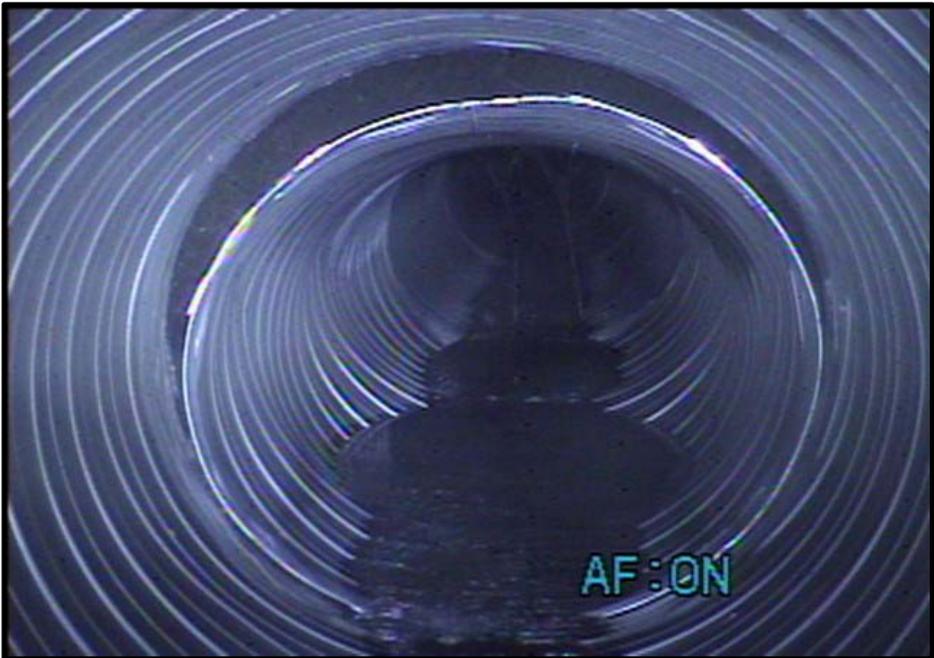


Calkins Area Drainage Phase 2A, 4

This project was identified in the Calkins Hydraulic Report completed in 2005. This will be the third phase of construction. This phase will include installing a 36-inch pipe on Troost Street, north of Calkins Avenue to Witherspoon and installing drainage on Calkins Avenue parallel to Troost Street to eliminate drainage through back yards. Previous phases included installing the sections in El Dorado Court, Calkins Avenue, Wannell, and Luth Streets.

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Cost	1,000,000			250,000	750,000	
Funding Source						
Storm Drainage	1,000,000			250,000	750,000	

STORM DRAINAGE PROJECTS



Cured In Place Pipe (CIPP)

In January 2015, staff discovered that aluminum and aluminized steel piping installed in the early 1990’s through mid-2000’s is corroding which is causing the pipe to fail structurally. In certain instances, this failure has caused sink holes to form within paved streets. Staff has identified and prioritized aluminized steel pipes to rehabilitate using the CIPP process in order to prevent further deterioration in these pipes. The majority of these pipes have been lined but the technology will continue to be used for other storm drain pipes that have deteriorated.

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs	2,500,000	500,000	500,000	500,000	500,000	500,000
Funding Source						
Storm Drainage	2,500,000	500,000	500,000	500,000	500,000	500,000

STORM DRAINAGE PROJECTS



Diamond Lake/Fulton Street Drainage Improvements

The existing storm drainage system on Freemont Avenue, Fulton Street and Diamond Lake Boulevard is undersized. This project will include installation of 387 lineal feet of 18 inch pipe, 457 lineal feet of 42 inch pipe, 519 lineal feet of 21 inch pipe, and 42 lineal feet of 42 inch pipe. This project is identified in the Storm Drainage Master Plan as problem area #3. This will be a multi-year project and will most likely be development driven.

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs	400,000				400,000	
Funding Source						
Storm Drainage	400,000				400,000	

STORM DRAINAGE PROJECTS



Buildings and Structures

Funds budgeted annually for improvements or capital maintenance for the City maintenance facility on Fulton Street. Funds are budgeted in Storm Drainage, Facilities and Water Funds for this purpose. Replacement of the Fulton Shop roof is planned in FY2022.

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs	140,000	100,000	10,000	10,000	10,000	10,000
Funding Source						
Storm Drainage	140,000	100,000	10,000	10,000	10,000	10,000

STORM DRAINAGE PROJECTS



Equipment Acquisition

These funds are budgeted annually for purchase of equipment necessary to maintain the storm drainage system. Purchases are typically made for equipment required for either the storm drainage vacuum truck or the camera truck used for inspecting the system. When required, replacement of these two pieces of equipment is budgeted in this line item. This line item may also be used for specialized attachments for the backhoe or bobcats when appropriate.

	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs						
Camera van computer tower	40,000			40,000		
Hydro-flusher	350,000				350,000	
TBD	30,000	10,000	10,000			10,000
Funding Source						
Storm Drainage	420,000	10,000	10,000	40,000	350,000	10,000

STORM DRAINAGE PROJECTS



Improvements - Mapping

Money budgeted annually for maintaining the City’s GIS system related to storm drainage. Funds will be used for maintaining/upgrading the computer system, handheld GPS units and related software and technical support.

	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs	45,000	20,000	10,000	5,000	5,000	5,000
Funding Source						
Storm Drainage	45,000	20,000	10,000	5,000	5,000	5,000

STORM DRAINAGE PROJECTS

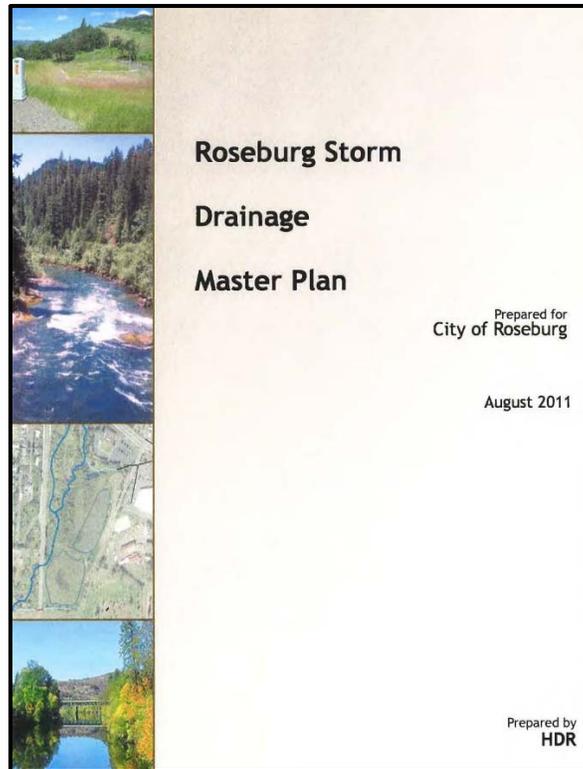


Miscellaneous Storm Improvements

This is money budgeted annually to address small problems or improvements within the system. The money may not be spent every year.

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs	500,000	100,000	100,000	100,000	100,000	100,000
Funding Source						
Storm Drainage	500,000	100,000	100,000	100,000	100,000	100,000

STORM DRAINAGE PROJECTS

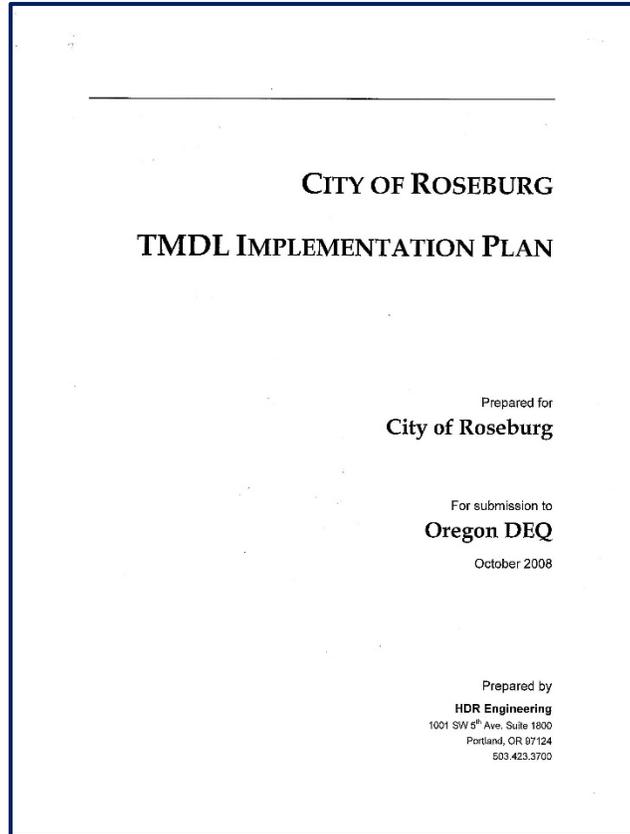


Storm Drainage Master Plan

These funds are budgeted for an update to the 2011 Storm Drainage Master Plan

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs	400,000			400,000		
Funding Source						
Storm Drainage	400,000			400,000		

STORM DRAINAGE PROJECTS



Storm TMDL Implementation

These funds are budgeted for improvements required by the Oregon Department of Environmental Quality for implementing the Total Maximum Daily Load requirements for the South Umpqua River and Deer Creek within the City Limits.

Project Description	Total	2021/22	2022/23	2023/24	2024/25	2025/26
Capital Costs	900,000	100,000	200,000	200,000	200,000	200,000
Funding Source						
Storm Drainage	900,000	100,000	200,000	200,000	200,000	200,000

