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LETTER OF INTRODUCTION FOR THE FIVE YEAR CAPITAL IMPROVEMENT PROGRAM

August 20, 2024

Honorable Mayor and Members of the Town Council,

Hereby submitted is the Five Year Capital Improvement Program (CIP) for the Town of Castle Rock, Colorado for the years 2025 through 2029. The 2025 Budget appropriates \$158,845,113 for Capital Improvement Program projects. The Funding Source information in the following pages is intended to identify the revenue that is planned to pay for the capital projects. While additional revenue is anticipated to be received each year, this information identifies only known sources of revenue at the time of development and what is necessary to fund the Capital Improvement Program.

The CIP summarizes all major capital expenditures to be made over the next five years. This budget contains a summary of revenue sources and CIP costs by fund and year in which the revenues and costs are anticipated. In order to be included in the CIP, the project must meet the following guidelines:

- Individual project costs are expected to be over \$25,000
- The resulting project has a useful life of more than one year
- The project results in the addition of a fixed asset, or extends the useful life of an existing asset or is a major software purchase
- The Town must have full ownership, or be a significant holder in a joint venture asset. For example, software that is licensed by the Town and owned by the vendor is not considered a capital asset of the Town.

During the preparation process, staff identified what would be necessary to meet existing levels of service to the community and which projects could reasonably be accomplished within each year, within the financial and staff limitations of the Town. Contractual obligations and/or needs were considered in setting the priorities.

Capital improvements are funded through a variety of sources including the use of reserves, impact fees, debt financing, grants, developer contributions, building use taxes and other operating revenues. All available current and future resources were considered when identifying funding sources for the identified capital improvements. For example, the estimated available reserve balance was calculated and shown as a funding source, as well as estimated impact fees, building use taxes, and other revenue sources. The CIP costs projected meet, but do not exceed, the limitations of those funding sources.

Sincerely,



David L. Corliss
Town Manager

THIS PAGE IS A PLACE HOLDER FOR THE RESOLUTION
APPROVING THE 2025-2029
CAPITAL IMPROVEMENT PROGRAM

2025 - 2029 CAPITAL IMPROVEMENT PROGRAM SUMMARY - ALL FUNDS

TOTAL CIP EXPENDITURES BY FUND AND YEAR

Fund	2025	2026	2027	2028	2029	Total
General Fund	\$ 7,450,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 8,450,000
General Long Term Planning	1,043,978	602,900	603,000	854,700	891,500	3,996,078
Transportation Fund	2,266,000	1,057,000	1,630,800	1,398,194	1,407,026	7,759,020
Transportation Capital Fund	12,000,000	75,000	475,000	15,075,000	4,874,000	32,499,000
Conservation Trust Fund	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
Water Fund	12,002,168	12,091,165	17,068,879	14,309,162	10,174,931	65,646,305
Water Resource Fund	89,456,924	24,942,329	15,414,186	15,426,827	3,376,212	148,616,478
Stormwater Fund	2,361,451	3,640,552	1,624,770	1,697,402	6,441,620	15,765,795
Wastewater Fund	12,374,834	10,965,583	2,579,440	2,583,081	7,532,466	36,035,404
Fleet Fund	11,409,758	8,081,873	2,896,749	2,560,493	2,105,033	27,053,906
Golf Fund	400,000	66,776	931,886	5,799,250	-	7,197,912
Community Center Fund	280,000	450,000	400,000	460,000	500,000	2,090,000
Fire Capital Fund	6,300,000	-	-	-	-	6,300,000
Total by Year	\$ 158,845,113	\$ 63,723,178	\$ 45,374,710	\$ 61,914,109	\$ 39,052,788	\$ 368,909,898

2016-2020 CAPITAL IMPROVEMENT PROGRAM SUMMARY - ALL FUNDS

FUNDING SOURCE SUMMARY

Funding Source information is intended to identify the revenue that is planned to pay for the capital projects included. While additional revenue is anticipated to be received each year, this information identifies only what is necessary to fund the Capital Improvement Program.

Source	2025	2026	2027	2028	2029	Total
Sales Tax	\$ 3,826,000	\$ 1,147,000	\$ 1,130,000	\$ 1,204,400	\$ 1,253,232	\$ 8,560,632
Residential Building Use Tax	823,978	1,057,900	618,000	909,700	946,500	4,356,078
Road and Bridge Tax	917,500	130,000	1,070,800	823,794	823,794	3,765,888
Colorado Lottery Funds	285,000	293,550	302,357	311,427	320,770	1,513,104
Interfund Loan	6,000,000	-	-	-	-	6,000,000
Impact Fees	12,300,000	75,000	475,000	15,075,000	4,874,000	32,799,000
Metered Water Sales	10,502,168	12,091,165	8,068,879	7,597,162	3,674,931	41,934,305
System Development Fees	56,396,092	17,130,340	18,870,983	16,219,500	11,028,009	119,644,923
Water Resources Fees	35,855,236	10,050,048	6,191,562	6,197,347	1,366,978	59,661,172
Stormwater Charges	1,067,047	1,402,493	976,411	1,419,382	3,922,845	8,788,178
Wastewater Service Charges	12,374,834	10,965,583	2,579,440	2,583,081	7,532,466	36,035,404
Vehicle Repl. Contributions	9,388,866	7,140,292	2,457,263	2,262,186	1,859,787	23,108,394
Vehicle Salvage	1,329,288	941,581	337,486	298,307	245,246	3,151,908
Transfers from Other Funds	691,604	-	102,000	-	-	793,604
Transfers In (Sales Tax)	300,000	25,000	65,000	25,000	25,000	440,000
Douglas County Shareback	1,215,000	1,206,450	1,197,644	1,188,573	1,179,230	5,986,896
Charges for Service	400,000	66,776	931,886	1,799,250	-	3,197,912
Bond	-	-	-	4,000,000	-	4,000,000
DRCOG Grant	4,335,000	-	-	-	-	4,335,000
Escrow Funds	200,000	-	-	-	-	200,000
CDOT Reimbursement	637,500	-	-	-	-	637,500
Total by Year	\$ 158,845,113	\$ 63,723,178	\$ 45,374,710	\$ 61,914,109	\$ 39,052,788	\$ 368,909,898

2025-2029 CAPITAL IMPROVEMENT PROGRAM

**TOWNWIDE
SUMMARY OF ESTIMATED ONGOING OPERATING COSTS
BY FUND ⁽¹⁾**

Department / Division	Project Name	2025	2026	2027	2028	2029
General Long Term Planning Fund						
	Police Software Maintenance	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500
Transportation Fund						
	Traffic Signal Program	2,600	2,600	2,600	2,600	2,600
Fire Capital Fund						
	Station 156 Construction	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000
Water Fund						
	Pump & Distribution System Upgrades	-	-	30,074	30,074	30,074
Water Resources Fund						
	WISE Project	-	5,200,000	5,200,000	5,200,000	5,200,000
	Chatfield Reallocation Project	270,000	270,000	270,000	270,000	270,000
Total Ongoing Operating Expenditures by Year		\$ 2,775,100	\$ 7,975,100	\$ 8,005,174	\$ 8,005,174	\$ 8,005,174

NOTE: New vehicle additions to the fleet are incorporated and paid for in each individual department. Operating costs associated with a vehicle addition on average are \$986 for repair and maintenance and \$1,200 for fuel annually

(1) Existing Capital Improvement Programs included above reflect projects with known ongoing operating costs

2025-2029 CAPITAL IMPROVEMENT PROGRAM

GENERAL FUND

PARKS & RECREATION DEPARTMENT

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Project Expenditures	2025	2026	2027	2028	2029	Total
Annual Trail Improvements	\$ 7,200,000	\$ -	\$ -	\$ -	\$ -	\$ 7,200,000
Cantril School Updates	250,000	250,000	250,000	250,000	250,000	1,250,000
Total Expenditures by Year	\$ 7,450,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 8,450,000

Project Funding Sources	2025	2026	2027	2028	2029	Total
DRCOG Grant	\$ 4,335,000	\$ -	\$ -	\$ -	\$ -	\$ 4,335,000
Sales Tax	3,115,000	250,000	250,000	250,000	250,000	4,115,000
Total Funding Sources by Year	\$ 7,450,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 8,450,000

Funding Source information is intended to identify the revenue that is planned to pay for the capital projects included. While additional revenue is anticipated to be received each year, this information identifies only what is necessary to fund the Capital Improvement Program.



Cantril Building

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name

Annual Trail Improvements

Project Number: 75-14
 Contact: Jeff Smullen, Assistant Director of Parks & Recreation
 Department: Parks & Recreation Department
 Category: Parks/Trails
 Type: Planning/Design
 Useful Life: 50 years

Description and Justification

Annual trail improvements are funded by sales tax, a portion of which was enacted by voters to fund trail improvements throughout Castle Rock. As a result, the trails account receives an annual transfer from a portion of sales tax through the Town’s Transportation Fund in addition to outside contributions, such as grant support when available. The Parks and Recreation Department will borrow from future years 2025-2028 to fund the Town’s portion of the Industrial Tributary Trail and other strategic plan identified projects will be pushed back to 2029.

The Denver Regional Council of Governments (DRCOG) Transportation Improvement Program (TIP) grant program awarded the Town \$4,920,000 to support the development of engineering, design and final construction of the Industrial Tributary Trail (Future trail naming nominations to be solicited) connecting Philip S. Miller Park to Downtown Castle Rock.

The project will construct 1 mile of 10' wide concrete trail through Millers Landing and proposed Brickyard developments and will include: one creek crossing; two roadway grade separated crossings and one grade separated crossings of the BNSF Railway. Town staff has met with BNSF staff on the proposed crossings and will pursue permitting for an underpass, which will require engineered drawings for review and approval. The Town is proposing the grade separated crossing to be a tunnel excavation to the east side of the railroad where the trail will connect to the 5th Street sidewalk and then extend over the East Plum Creek with the installation of a pedestrian bridge.

Expenditures	2025	2026	2027	2028	2029	Total
Construction Contracts	7,200,000	\$ -	\$ -	\$ -	\$ -	7,200,000
Total Expenditures	\$ 7,200,000	\$ -	\$ -	\$ -	\$ -	7,200,000

Funding Sources	2025	2026	2027	2028	2029	Total
Sales Tax	\$ 2,865,000	\$ -	\$ -	\$ -	\$ -	2,865,000
DRCOG Grant	4,335,000	-	-	-	-	4,335,000
Total Funding Sources	\$ 7,200,000	\$ -	\$ -	\$ -	\$ -	7,200,000

Operational Impact

Costs to maintain additional trails will be minimal and can be accommodated within current budgeted resources.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name

Cantril School Updates

Project Number: 70-20
 Contact: Jeff Smullen, Assistant Director of Parks & Recreation
 Department: Parks & Recreation Department
 Category: Parks/Trails
 Type: Upgrade
 Useful Life: 50 years

Description and Justification

Funds are being allocated every year through the next five years in the amount of \$250,000 for improvements to Cantril to enhance facility functionality and benefit the programming held there.

Expenditures	2025	2026	2027	2028	2029	Total
Cantril Building Updates	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,250,000

Total Expenditures	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,250,000
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Funding Sources	2025	2026	2027	2028	2029	Total
Sales Tax	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,250,000

Total Funding Sources	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,250,000
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Operational Impact

Costs to maintain Cantril will be budgeted from Community Center Fund.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

GENERAL LONG TERM PLANNING FUND

TOWN MANAGER

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Project Expenditures	2025	2026	2027	2028	2029	Total
Unmanned Aerial Vehicle Replacement	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000
AED's and Stop the Bleed	275,000	-	40,000	-	-	315,000
Town Court Repair and Replacement	88,000	11,000	-	98,000	165,000	362,000
Synthetic Turf/Concrete Repair and Replac.	135,000	135,000	135,000	135,000	135,000	675,000
Security Cameras for Town Parks	100,000	100,000	100,000	100,000	100,000	500,000
Network Devices	285,300	331,900	303,000	496,700	466,500	1,883,400
Police Drones	25,000	25,000	25,000	25,000	25,000	125,000
Investigations Multipurpose Workspace	105,678	-	-	-	-	105,678
Total Expenditures by Year	\$ 1,043,978	\$ 602,900	\$ 603,000	\$ 854,700	\$ 891,500	\$ 3,996,078

Project Funding Sources	2025	2026	2027	2028	2029	Total
Residential Bldg Use Tax	\$ 743,978	\$ 577,900	\$ 538,000	\$ 829,700	\$ 866,500	\$ 3,556,078
Transfers In (Sales Tax)	300,000	25,000	65,000	25,000	25,000	440,000
Total Funding Sources by Year	\$ 1,043,978	\$ 602,900	\$ 603,000	\$ 854,700	\$ 891,500	\$ 3,996,078

Funding Source information is intended to identify the revenue that is planned to pay for the capital projects included. While additional revenue is anticipated to be received each year, this information identifies only what is necessary to fund the Capital Improvement Program.



Castle Rock Firestation 152

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name **Unmanned Aerial Vehicle Replacement**

Project Number: 70-30
 Contact: Brian Dimock, Fire Marshal
 Department: Fire Department
 Category: Equipment
 Type: Replacement
 Useful Life: 3 Years

Description and Justification

Since 2016, the fire department has been utilizing unmanned aerial vehicles (UAV's), better known as drones, for public safety. Current UAV's have been used to fly over fires to give another perspective of how the fire is moving, and to document investigation scenes for fire and law enforcement operations. UAV's are used for documentation of construction sites and inspections and there are numerous other purposes where UAV use is beneficial. This request is to allow older UAV's to be cycled to reserve status, and maintain all UAV's for their useful life. UAV's are regulated by the Federal Aviation Administration (FAA) as are the commercial pilots that fly them.

UAV's technology changes quickly. The market is very volatile with new products getting introduced every year or sooner, as well as new requirements set forth by the FAA. As quickly as the technology comes out, the FAA attempts to interface with these improvements and impose safety requirements. Some of these may have to be implemented on the current UAV's that we have.

This aligns with Council established Strategic Priorities by ensuring outstanding public safety. Keeping our UAV's up-to-date provides the ability to use this equipment to its fullest capabilities and reduce the possibility of a firefighter getting hurt on a fire or providing the ability to search large areas in a matter of minutes versus hours for a lost or injured citizen. Although this can currently be done, the manufacturers of these UAV's are also dropping support of the outdated UAV's to keep operating costs down and providing service to the newer models. By being able to purchase newer UAV's means that we are able to continue to provide the level of service that not only affects our external customers, but our internal as well when needed.

The only alternative to this is allow all the equipment that we have purchased to become completely obsolete and discontinue use when it is no longer supported by the manufacturer. The operational impact of this request if not approved is the potential reduction of providing the level of service to not only the community, but the other Town departments that utilize this service.

Expenditures	2025	2026	2027	2028	2029	Total
UAV Replacements	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000
Total Expenditures	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000

Funding Sources	2025	2026	2027	2028	2029	Total
Residential Bldg Use Tax	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000
Total Funding Sources	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000

Operational Impact

Annual operating costs are already included in the annual budget under operating supplies.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name

AED's and Stop the Bleed

Project Number: 70-30
 Contact: Norris Croom, Fire Chief
 Department: Fire Department
 Category: Equipment
 Type: Replacement
 Useful Life: 10 Years

Description and Justification

These requested items include all Town Automated External Defibrillators (AED) in facilities and vehicles to provide emergency care. These have a 10 year useful life, and are part of our community AED program. While budgeted in the fire and rescue department budget, these are for all departments across the Town. This also includes replacement of Stop the Bleed kits that need to be replaced every 5 years.

This aligns with Council established Strategic Priorities by ensuring outstanding public safety, it allows us to maintain our current level of service, and it addresses the community survey need of ensuring public safety.

Expenditures	2025	2026	2027	2028	2029	Total
Automated External Defibrillators	\$ 275,000	\$ -	\$ -	\$ -	\$ -	\$ 275,000
Stop the Bleed Kits		-	40,000	-	-	40,000
Total Expenditures	\$ 275,000	\$ -	\$ 40,000	\$ -	\$ -	\$ 315,000

Funding Sources	2025	2026	2027	2028	2029	Total
Transfers In (Sales Tax)	\$ 275,000	\$ -	\$ 40,000	\$ -	\$ -	\$ 315,000
Total Funding Sources	\$ 275,000	\$ -	\$ 40,000	\$ -	\$ -	\$ 315,000

Operational Impact

Cost to run devices is built into the annual budget and the replacement of these devices on a regular basis will save money and maintain productivity by preventing critical failures.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name **Investigations Multipurpose Workspace**

Project Number: 70-20
Contact: Jack Cauley, Police Chief
Department: Police Department
Category: Building
Type: Upgrade
Useful Life:

Description and Justification

The Investigations Division is in need of a multipurpose workspace. Due to space limitations, we are lacking an area for DHS meetings, Internal Affairs interviews, other law enforcement agency media viewing, overflow workspace for modified duty officers, private meeting space, and storage. The project consists of removing the existing administrative area and adding a completely private workspace with walls and a door. We have requested modest improvements for electrical and storage. The immediate and future benefits of this workspace are needed to improve workflow, create more interview space and accommodate growth within our building. This will also assist us in meeting the privacy requirements needed by DHS, the Internal Affairs team, and other agencies that are involved in our complex investigations. This accommodation will allow two sergeants to share an office in addition to the multipurpose workspace.

Expenditures	2025	2026	2027	2028	2029	Total
Building Improvements	\$ 105,678	\$ -	\$ -	\$ -	\$ -	105,678
Total Expenditures	\$ 105,678	\$ -	\$ -	\$ -	\$ -	105,678

Funding Sources	2025	2026	2027	2028	2029	Total
Residential Bldg Use Tax	\$ 105,678	\$ -	\$ -	\$ -	\$ -	105,678
Total Funding Sources	\$ 105,678	\$ -	\$ -	\$ -	\$ -	105,678

Operational Impact

Operational impact unknown until project completed.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name

Police Drones

Project Number: 70-30
 Contact: Jack Cauley, Police Chief
 Department: Police Department
 Category: Equipment
 Type: Replacement
 Useful Life:

Description and Justification

Special Operations Division requests the inclusion of the following items in the General Long Term Planning Fund:
 Drone Annual Replacement Program: Drones are now critically relied upon for their numerous uses in many aspects of police work for CRPD officers, to include apprehension of suspects, search and rescue, accident re-construction, and creating safer environments for officers to address potential violent situations. Drones are integrated into everyday use for all shifts on a regular basis and the department ensures qualified licensed pilots are available for their use. Due to the high demands that CRPD now places on the drones, it would be extremely helpful if amounts were included to replace a portion of the drone inventory annually. CRPD uses smaller and larger drones depending on the incident or situational demands and department pilots, which we plan to have on all shifts, use the drone best suited for the issue at hand. Each drone serves a purpose, a smaller drone is more appropriate to deploy if there is a situation within a building, while the larger drones equipped with thermal imaging and camera resolution would help when a suspect is attempting to elude officers either on foot or in a vehicle. Drones, in conjunction with our current camera operations assist in creating safer resolutions for officers who are provided direction and guidance from drone pilots as to when to safely apprehend a suspect or apprehend a stolen vehicle. Future drone replacement allowance amount is requested to be transferred into the GLTP for drone program needs annually for replacement. Larger drones that are currently in use for CRPD are between \$8k and \$10k. Annual battery, software subscription costs and maintenance needs per drone are fairly minimal, we anticipate approximately \$2500 is needed annually for this purpose and is requested to be added to the 110-2140-421.61-20 account.

In order to facilitate regular drone replacements, it is requested that \$25,000 be included annually, potentially, in the General Long Term Planning Fund. This will allow for the purchase of an anticipated fully functional drone fleet for all CRPD divisions. This will include 6 larger drones and 4 smaller drones and supply divisions with ready use of the capability needed to address critical incidences as they arise as stated above.

Expenditures	2025	2026	2027	2028	2029	Total
Equipment	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000
Total Expenditures	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000

Funding Sources	2025	2026	2027	2028	2029	Total
Transfers In (Sales Tax)	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000
Total Funding Sources	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000

Operational Impact

There is an increase in software maintenance expected, about \$2,500 a year funded from the General Fund.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name **Town Court Repair and Replacement**

Project Number: 40-31
 Contact: Jeff Brauer, Director of Parks and Recreation
 Department: Parks & Recreation Department
 Category: Parks/Trails
 Type: Replacement
 Useful Life: 10 Years

Description and Justification

Some court surfaces are nearing the end of their life expectancy and will need to be replaced to maintain proper safety levels, functionality and aesthetic quality. Court surfaces are regularly evaluated for safety and actual project timing may change based on this ongoing evaluation. Typical expected life of surfacing is five-years for the tennis, pickleball and multi-surface courts.

The Parks and Recreation Department requests funding for resurfacing of inline, tennis and pickleball courts for the following locations:

- 2025 Wrangler Park and DCHS (IGA) - Tennis court resurfacing – and Deputy Zack S. Parrish III Memorial Park - Pickleball resurfacing
- 2026 Rhyolite Regional Park - Tennis court resurfacing
- 2028 Butterfield Crossing Park -Tennis court resurfacing and Cobblestone Ranch and Founders park - Pickleball court surfacing
- 2029 Metzler Ranch Park – Inline courts
- 2029 Bison and Gemstone parks- Tennis court resurfacing

Expenditures	2025	2026	2027	2028	2029	Total
Court Replacement	\$ 88,000	\$ 11,000	\$ -	\$ 98,000	\$ 165,000	\$ 362,000
Total Expenditures	\$ 88,000	\$ 11,000	\$ -	\$ 98,000	\$ 165,000	\$ 362,000

Funding Sources	2025	2026	2027	2028	2029	Total
Residential Bldg Use Tax	\$ 88,000	\$ 11,000	\$ -	\$ 98,000	\$ 165,000	\$ 362,000
Total Funding Sources	\$ 88,000	\$ 11,000	\$ -	\$ 98,000	\$ 165,000	\$ 362,000

Operational Impact

Regular replacement of court surfaces and concrete maintains levels of service and improves the look, functionality, and safety of these locations.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name Synthetic Turf/Concrete Repair and Replac.

Project Number: 78-47
 Contact: Jeff Brauer, Director of Parks and Recreation
 Department: Parks & Recreation Department
 Category: Parks/Trails
 Type: Replacement
 Useful Life: 10 Years

Description and Justification

The Parks and Recreation Department requests funding for synthetic turf replacement and concrete repair and replacements at the following locations:

Concrete Repair and Replacement – Safety and ADA

- 2025-2029 – Concrete repair and replacement – Safety and ADA

Synthetic Turf Repair and Replacements

- 2025 - 2029 – Minor repairs

Along with these minor repairs, there are parks that need complete renovations within the 5 year plan such as Rhyolite Regional Park, Bison Park, the Miller Activity Complex (indoor and outdoor) and Metzler Ranch Park. These projects will be added into the budget when funding becomes available.

Synthetic turf on Town field is nearing the end of the expected life (generally 10-12 years) and will need to be replaced in order to maintain proper safety levels, functionality and aesthetic quality. Synthetic turf surfaces are regularly evaluated for safety and actual project timing may change based on this ongoing evaluation.

Expenditures	2025	2026	2027	2028	2029	Total
Park Turf Replacement	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 300,000
Repair & Maint Grounds	75,000	75,000	75,000	75,000	75,000	375,000
Total Expenditures	\$ 135,000	\$ 135,000	\$ 135,000	\$ 135,000	\$ 135,000	\$ 675,000

Funding Sources	2025	2026	2027	2028	2029	Total
Residential Bldg Use Tax	\$ 135,000	\$ 135,000	\$ 135,000	\$ 135,000	\$ 135,000	\$ 675,000
Total Funding Sources	\$ 135,000	\$ 135,000	\$ 135,000	\$ 135,000	\$ 135,000	\$ 675,000

Operational Impact

Regular replacement of turf and concrete maintains levels of service and improves the look, functionality, and safety of these locations.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name **Security Cameras for Town Parks**

Project Number: 70-30
 Contact: Jeff Brauer, Director of Parks and Recreation
 Department: Parks & Recreation Department
 Category: Equipment
 Type: Replacement
 Useful Life: 10 Years

Description and Justification

The Police Department has requested that security cameras be installed at all Town owned parks for safety and vandalism awareness with Town staff collaborating to determine an annual priority list. Money is requested annually until all parks are able to be completed. The costs for security cameras at each location varies greatly due to the number of cameras, trenching and infrastructure needed.

Expenditures	2025	2026	2027	2028	2029	Total
Security Cameras	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000
Total Expenditures	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000

Funding Sources	2025	2026	2027	2028	2029	Total
Residential Bldg Use Tax	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000
Total Funding Sources	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000

Operational Impact

Security Cameras allows for parks to be better monitored to prevent and discourage vandalism and crime. Cost to maintain cameras are not yet known.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name

Network Devices

Project Number:	76-80		
Contact:	Jennifer Jaeger, Chief Technology Officer	5 Year Historical Total	\$ 702,602
Department:	Division of Innovation and Technology	2025-2029 Total	1,883,400
Category:	Technology	CIP Project Total (2024-2028):	\$ 2,586,002
Type:	Replacement		
Useful Life:	5 Years		

Description and Justification

This project will replace a portion of networking and wireless devices including any that are five years or older. Network devices are an essential requirement to deliver data between computers and servers. If a network device fails, data cannot be delivered, and employee productivity is greatly reduced. These devices also provide Wi-Fi in all facilities, video upload for the in-car and body cameras for the Police Department, and connectivity to remote locations (swimming pools, Red Hawk). Maintaining these devices is very important for daily work of almost every Town employee. The Town is no longer able to buy support for some devices, and the likelihood of failure increases with age. Proactive replacement of the devices will avoid excessive downtime from an unscheduled failure while allowing staff to find and buy the best replacement option. Network device costs are expected to grow at an average annual rate of 16 percent and are budgeted below accordingly.

Expenditures	2025	2026	2027	2028	2029	Total
Network	285,300	331,900	303,000	496,700	466,500	\$ 1,883,400

Total Expenditures	\$ 285,300	\$ 331,900	\$ 303,000	\$ 496,700	\$ 466,500	\$ 1,883,400
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Funding Sources	2025	2026	2027	2028	2029	Total
Residential Bldg Use Tax	\$ 285,300	331,900	303,000	496,700	466,500	\$ 1,883,400

Total Funding Sources	\$ 285,300	\$ 331,900	\$ 303,000	\$ 496,700	\$ 466,500	\$ 1,883,400
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Operational Impact

Cost to run devices is built into the annual budget and the replacement of these devices on a regular basis will save money and maintain productivity by preventing critical failures.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

TRANSPORTATION FUND

PUBLIC WORKS DEPARTMENT

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Project Expenditures	2025	2026	2027	2028	2029	Total
Miscellaneous Projects & Studies	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,750	\$ 25,750	\$ 126,500
Traffic Safety Improvements	431,000	447,000	480,000	494,400	503,232	2,355,632
Traffic Signal Program	1,705,000	80,000	1,020,800	773,044	773,044	4,351,888
Neighborhood Traffic Calming	25,000	25,000	25,000	25,000	25,000	125,000
ADA Ramps	80,000	80,000	80,000	80,000	80,000	400,000
Salt Shed Expansion	-	400,000	-	-	-	400,000
Total Expenditures by Year	\$ 2,266,000	\$ 1,057,000	\$ 1,630,800	\$ 1,398,194	\$ 1,407,026	\$ 7,759,020

Project Funding Sources	2025	2026	2027	2028	2029	Total
Road and Bridge Tax	\$ 917,500	\$ 130,000	\$ 1,070,800	\$ 823,794	\$ 823,794	\$ 3,765,888
Residential Building Use Tax	80,000	480,000	80,000	80,000	80,000	800,000
Sales Tax	431,000	447,000	480,000	494,400	503,232	2,355,632
Escrow Funds	200,000	-	-	-	-	200,000
CDOT Reimbursement	637,500	-	-	-	-	637,500
Total Funding Sources by Year	\$ 2,266,000	\$ 1,057,000	\$ 1,630,800	\$ 1,398,194	\$ 1,407,026	\$ 7,759,020

Funding Source information is intended to identify the revenue that is planned to pay for the capital projects included. While additional revenue is anticipated to be received each year, this information identifies only what is necessary to fund the Capital Improvement Program.



Public Works Service Center

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name **Miscellaneous Projects & Studies**

Project Number: 75-24
 Contact: Aaron Monks, Engineering Manager
 Department: Public Works Department
 Category: Infrastructure
 Type: New
 Useful Life: Variable

Description and Justification

Small projects and studies are typically identified during the year that are currently unknown. Projects typically arise that were not accounted for or specifically identified in the annual budget process. The purpose of this miscellaneous projects account is to have funding available when minor unexpected road projects need to be funded and constructed. The ability to immediately implement small projects as they are identified provides for the best customer service for the public and maintains a level of service expected and provided by the Town. This project also helps to address increases in traffic and congestion, which has been identified as an area of concern in past Community Surveys.

Expenditures	2025	2026	2027	2028	2029	Total
Design/Engineering/Construction	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,750	\$ 25,750	\$ 126,500
Total Expenditures	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,750	\$ 25,750	\$ 126,500

Funding Sources	2025	2026	2027	2028	2029	Total
Road and Bridge Tax	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,750	\$ 25,750	\$ 126,500
Total Funding Sources	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,750	\$ 25,750	\$ 126,500

Operational Impact

Replacing this unit with a newer, more energy efficient unit is expected to reduce costs for both maintenance and operations. Any savings will be determined after the new unit is in service and will be reflected in future budget requests.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name

Traffic Safety Improvements

Project Number: 75-25
 Contact: Jacob Vargish, TPTE Manager
 Department: Public Works Department
 Category: Infrastructure
 Type: Repair
 Useful Life: Variable

Description and Justification

This budget request is to ensure funds are available in the Traffic Safety Improvements account for pooled safety improvement projects. This includes a 3% increase each year for inflation of material and labor costs. In recent years, staff have used this account to purchase rectangular rapid flashing beacon equipment (RRFB) to be installed at locations requested by citizens or identified by the Town, and evaluated and prioritized by staff. Citizens have shown appreciation for these crossing devices and more locations have been requested each year. The current budget allows for purchasing approximately four locations for equipment and installing RRFBs, and does not have additional funds for other Town safety projects. In 2021, Town staff produced the biannual Crash Report which identifies the least safe intersections both signalized and un-signalized (this report will be updated in 2023). From this report, staff began further analyzing these locations to determine the most effective safety improvement countermeasures that can be implemented to decrease accidents and improve safety. These safety countermeasures include projects such as the installation of medians for access control, raised crosswalks for speed management, pedestrian refuges in conjunction with RRFBs and the implementation of sidewalks in the vicinity of schools. These funds would also be used to fund safety improvements identified in the TMP, the Downtown Mobility Master Plan, and the Downtown ADA Transition Plan for pedestrian and bicycle linkage and safety. Some of the countermeasures identified require concrete work which is very costly and outside of the current approved Traffic Safety Improvement budget.

This budget request will enable Town staff to make safety and accessibility improvements Town wide at priority locations that are most likely to increase safety to all modes of travel. This will increase mobility and LOS by reducing the potential of having property damage and injury crashes, and provide access to currently sub-standard corridors. This fund will continue to be used to fund our annual RRFB program of four locations, and the increase in budget will enable us to make immediate and planned safety and mobility improvements. Projects for 2025 include implementing safety improvements at our highest crash non-signalized intersections, implementing pedestrian refuges at some RRFB locations, filling gaps in missing sidewalk segments and bicycle routes, implementing speed management countermeasures such as raised crosswalks, speed humps, and curb extensions, adding new street and pedestrian lighting in areas that are needed during nighttime hours, and implementing other safety projects in 2025 PMP areas.

Expenditures	2025	2026	2027	2028	2029	Total
Construction	\$ 431,000	\$ 447,000	\$ 480,000	\$ 494,400	\$ 503,232	\$ 2,355,632
Total Expenditures	\$ 431,000	\$ 447,000	\$ 480,000	\$ 494,400	\$ 503,232	\$ 2,355,632

Funding Sources	2025	2026	2027	2028	2029	Total
Sales Tax	\$ 431,000	\$ 447,000	\$ 480,000	\$ 494,400	\$ 503,232	\$ 2,355,632
Total Funding Sources	\$ 431,000	\$ 447,000	\$ 480,000	\$ 494,400	\$ 503,232	\$ 2,355,632

Operational Impact

Operational impacts are typically minimal as these small improvements to existing infrastructure fall under existing maintenance operations budgets.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name **Traffic Signal Program**

Project Number: 75-26
 Contact: Jacob Vargish, TPTM Division Manager
 Department: Public Works Department
 Category: Infrastructure
 Type: New
 Useful Life: 15-20 Years

Description and Justification

This program is primarily utilized to construct new traffic signals identified through engineering evaluations, and perform signal system changes recommended in the comprehensive townwide system analysis. Constructing traffic signals when warranted allows the Town to maintain level of service to optimize the efficient movement of traffic while mitigating safety concerns. The request also funds design, \$80,000 in 2026 through 2029, including subsurface utility engineering as required by Colorado state law. For 2025, at the CDOT owned intersection of Founders Parkway and Crimson Sky, and the Town owned intersection at Prairie Hawk and Low Meadow we will construct traffic signals. At the CDOT intersection, CDOT is proposing the local agency construct it so they can reimburse the Town up to 50% of the funds to complete it. The Terrain Development has provided the Town \$200,000 in escrow for the signal construction. The Founders and Crimson Sky signal construction is expected to cost up to \$1.0 million, of which about \$500,000 would be the Town's unreimbursed portion. The cost for construction of the Town signal at Prairie Hawk and Low Meadow, including curb ramp modifications, traffic control, striping, fiber interconnect, and additional items has increased to \$750,000. This value is an average of the construction costs over the past four years plus a 10% contingency. In the recent two years, construction cost per intersection has increased about 16% due to rising material cost, like steel signal poles and an overall increase in construction costs and specific, highly sought-after technical labor. Design and procurement of signal poles for these two intersections will occur in 2024. In year 2026, we expect to design a signal for construction in 2027. In years 2027 through 2029, we expect to build one signal per year as we have the last 24 years of actual signal construction projects. A 12% increase in cost from one year to the next has been applied to the projected construction in subsequent years. These projects help to address increases in traffic and congestion, which has been identified as an area of concern in the most recent Community Survey.

Expenditures	2025	2026	2027	2028	2029	Total
Construction/Engineering	\$ 1,705,000	\$ 80,000	\$ 1,020,800	\$ 773,044	\$ 773,044	\$ 4,351,888
Total Expenditures	\$ 1,705,000	\$ 80,000	\$ 1,020,800	\$ 773,044	\$ 773,044	\$ 4,351,888

Funding Sources	2025	2026	2027	2028	2029	Total
Road and Bridge Tax	\$ 867,500	\$ 80,000	\$ 1,020,800	\$ 773,044	\$ 773,044	\$ 3,514,388
Escrow Funds	200,000	-	-	-	-	200,000
CDOT Reimbursement	637,500	-	-	-	-	637,500
Total Funding Sources	\$ 1,705,000	\$ 80,000	\$ 1,020,800	\$ 773,044	\$ 773,044	\$ 4,351,888

Operational Impact

The department currently contracts out some of the maintenance of traffic signal equipment but only on an as needed basis to supplement in-house capabilities. In addition, electricity cost increases are expected with new signal installation. The average electricity and maintenance cost per signal is \$2,600 per year and is included in electricity costs within the Transportation Fund.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name **Neighborhood Traffic Calming**

Project Number: 75-28
 Contact: John LaSala, Assistant Public Works Director
 Department: Public Works Department
 Category: Infrastructure
 Type: Upgrade
 Useful Life: Variable

Description and Justification

These projects are identified through the Town's Neighborhood Traffic Calming Program. This program encourages cars to adhere to the posted speed limit or reduce the amount of cut-through traffic on residential streets. Projects are identified through the current policy approved by Town Council and administered by staff. These projects are typically developed during the year as requested by residents and certain criteria are met. Examples include the installation of speed cushions on residential streets. This project helps to address the community priority of a safe and reliable transportation system.

Expenditures	2025	2026	2027	2028	2029	Total
Construction/Engineering	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000
Total Expenditures	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000

Funding Sources	2025	2026	2027	2028	2029	Total
Road and Bridge Tax	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000
Total Funding Sources	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000

Operational Impact

The impact to operations is minor as these projects are small in scope and fairly infrequent. Speed cushions are constructed with asphalt material that is attached to existing asphalt, which can be maintained within existing operations just as the asphalt surface below.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name

ADA Ramps

Project Number: 76-78
 Contact: Frank Castillo, Project Manager
 Department: Public Works Department
 Category: Infrastructure
 Type: Upgrade
 Useful Life: Variable

Description and Justification

Town Council approved the Americans with Disabilities Act (ADA) Prioritization Plans which identified \$80,000 per year to be allocated towards curb ramp upgrades based on priorities and available funding. A contractor will be utilized to construct these upgrades. The goal of the ADA Curb Ramps Prioritization Plan for the Town of Castle Rock is to ensure that the Town creates accessible paths of travel within the public right-of-way for people with disabilities. This project helps to address the community priority of a safe and reliable transportation system.

Expenditures	2025	2026	2027	2028	2029	Total
Construction	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 400,000
Total Expenditures	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 400,000

Funding Sources	2025	2026	2027	2028	2029	Total
Residential Building Use Tax	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 400,000
Total Funding Sources	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 400,000

Operational Impact

Operational impacts are typically minimal as these small improvements to existing infrastructure fall under existing maintenance operations.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name **Salt Shed Expansion**

Project Number: 70-20
 Contact: Daniel Lord, Divison Manager
 Department: Public Works Department
 Category: Infrastructure
 Type: New
 Useful Life: 10 years

Description and Justification

Funding is requested to expand the current salt/sand shed located at 675 Justice Way. The expansion will be used to stockpile the salt/sand mix used in the Snow and Ice Control Program. Additional funds are requested in the future to construct a smaller shed immediately adjacent to the existing shed to store the salt mix used downtown and in icebreaking operations. The present storage capacity of the shed has in recent years been insufficient to store all the material needed for winter plowing and ice mitigation operations, forcing the Town to purchase additional material when pricing is at the highest. Being able to stockpile sufficient material for the entire season would allow for the entire purchase to be made when pricing and demand is at its lowest. In addition to the cost savings, as the 2019-2020 season demonstrated, when demand is at its highest distributors will begin an allocation process that provides some material but not allow for entire order fulfillment because nearly all municipalities are asking for material with limited ability to supply it.

A smaller shed (96' x 50') is also requested with construction in 2026 as the need for the separation of the two salt piles becomes necessary. The smaller shed would be used to store the salt mix for downtown and ice mitigation. The expected capacity of this shed would accommodate 1,500 tons of salt mix and is expected to be sufficient for downtown operations and more than doubles the current capacity for ice mitigation. This is enough material to carry the Town through a season for the foreseeable future at current application rates and accommodate Town growth to roughly 1,800 lane miles.

Expenditures	2025	2026	2027	2028	2029	Total
Construction	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ 400,000
Total Expenditures	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ 400,000

Funding Sources	2025	2026	2027	2028	2029	Total
Residential Building Use Tax	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ 400,000
Total Funding Sources	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ 400,000

Operational Impact

Operational impacts are typically minimal as these small improvements to existing infrastructure fall under existing maintenance operations budgets.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

TRANSPORTATION CAPITAL FUND

PUBLIC WORKS DEPARTMENT

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Project Expenditures	2025	2026	2027	2028	2029	Total
5th Street Widening	\$ 12,000,000	\$ -	\$ -	\$ 15,000,000	\$ -	\$ 27,000,000
Wolfensberger Widening	-	-	-	-	1,624,000	1,624,000
Roundabout (Location TBD)	-	-	325,000	75,000	3,250,000	3,650,000
Dawson Park and Ride	-	75,000	150,000	-	-	225,000
Total Expenditures by Year	\$ 12,000,000	\$ 75,000	\$ 475,000	\$ 15,075,000	\$ 4,874,000	\$ 32,499,000

Project Funding Sources	2025	2026	2027	2028	2029	Total
Impact Fees	\$ 12,000,000	\$ 75,000	\$ 475,000	\$ 15,075,000	\$ 4,874,000	\$ 32,499,000
Total Funding Sources by Year	\$ 12,000,000	\$ 75,000	\$ 475,000	\$ 15,075,000	\$ 4,874,000	\$ 32,499,000

Funding Source information is intended to identify the revenue that is planned to pay for the capital projects included. While additional revenue is anticipated to be received each year, this information identifies only what is necessary to fund the Capital Improvement Program.



Fifth Street Improvement Area

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name **5th Street Widening**

Project Number: 78-85
 Contact: Aaron Monks, Engineering Manager
 Department: Public Works Department
 Category: Infrastructure
 Type: Upgrade
 Useful Life: 20 years

Description and Justification

This project involves widening the eastbound lanes from the intersection of Woodlands Boulevard at Fifth Street to the intersection of Fifth Street and Ridge Road. The objective of this project is to reduce congestion due to forecasted traffic volumes which have been identified as an area of concern in the Community Survey.

Additional pedestrian improvements will be incorporated to improve safety between Woodlands Boulevard and Ridge Road. The timing of this project is proposed to occur with the intersection improvements at Fifth Street and Ridge Road in order to minimize disruption to the community.

Expenditures	2025	2026	2027	2028	2029	Total
Construction	12,000,000	-	-	15,000,000	\$ -	\$ 27,000,000
Total Expenditures	\$ 12,000,000	\$ -	\$ -	\$ 15,000,000	\$ -	\$ 27,000,000

Funding Sources	2025	2026	2027	2028	2029	Total
Impact Fees	\$ 12,000,000	\$ -	\$ -	\$ 15,000,000	\$ -	\$ 27,000,000
Total Funding Sources	\$ 12,000,000	\$ -	\$ -	\$ 15,000,000	\$ -	\$ 27,000,000

Operational Impact

Replacing this unit with a newer, more energy efficient unit is expected to reduce costs for both maintenance and operations. Any savings will be determined after the new unit is in service and will be reflected in future budget requests.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name **Wolfensberger Widening**

Project Number: 77-08
 Contact: Aaron Monks, Engineering Manager
 Department: Public Works Department
 Category: Infrastructure
 Type: Upgrade
 Useful Life: 20 years

Description and Justification

This project accommodates designing the remaining two lanes of the master planned four lane roadway on Wolfensberger Road from the intersection of Red Hawk Drive to the future Philip S. Miller Regional Park entrance. The design would be performed in 2029. The construction of the project in 2030 will only cover the portion of the road between Prairie Hawk and Red Hawk. The remaining phase to the Town limit will be done in a future year beyond the 5-year window. This widening of the roadway will support the continued development of the north/south and west areas of the Town by improving access to I-25 at Wolfensberger Road from the western areas of Town. This project will also include bicycle and pedestrian multi-use lanes. This project will also reduce congestion along Wolfensberger Road, provide needed pedestrian and bicycle connections between the downtown area and Coachline Road, and support proposed development along Wolfensberger.

Expenditures	2025	2026	2027	2028	2029	Total
Design	\$ -	\$ -	\$ -	\$ -	\$ 1,624,000	\$ 1,624,000
Total Expenditures	\$ -	\$ -	\$ -	\$ -	\$ 1,624,000	\$ 1,624,000

Funding Sources	2025	2026	2027	2028	2029	Total
Impact Fees	\$ -	\$ -	\$ -	\$ -	\$ 1,624,000	\$ 1,624,000
Total Funding Sources	\$ -	\$ -	\$ -	\$ -	\$ 1,624,000	\$ 1,624,000

Operational Impact

Increases to future pavement maintenance will occur with the additional lane miles of impervious surface added to the roadway network and will be evaluated and incorporated in the Transportation Fund operating budget. This impact will not be known until design details are finalized or after project completion.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name **Roundabout (location TBD)**

Project Number: 79-16
 Contact: Aaron Monks, Engineering Manager
 Department: Public Works Department
 Category: Infrastructure
 Type: Upgrade
 Useful Life: 30 years

Description and Justification

There is a growing community interested in constructing more roundabouts as the traveling public is realizing the efficiencies, and safety benefits of these intersection controls. The location is to be determined.

Expenditures	2025	2026	2027	2028	2029	Total
Design Roundabout 1	\$ -	\$ -	\$ 325,000	\$ -	\$ -	\$ 325,000
Right-of-Way				75,000	3,250,000	3,325,000
Construction						
Total Expenditures	\$ -	\$ -	\$ 325,000	\$ 75,000	\$ 3,250,000	\$ 3,650,000

Funding Sources	2025	2026	2027	2028	2029	Total
Impact Fees	\$ -	\$ -	\$ 325,000	\$ 75,000	\$ 3,250,000	\$ 3,650,000
Total Funding Sources	\$ -	\$ -	\$ 325,000	\$ 75,000	\$ 3,250,000	\$ 3,650,000

Operational Impact

Minor increases to pavement maintenance are anticipated, dependent on the overall net change to the roadway impervious area. This impact will not be known until design details are finalized or after project completion.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name **Dawson Park and Ride**

Project Number: 79-16
 Contact: Aaron Monks, Engineering Manager
 Department: Public Works Department
 Category: Infrastructure
 Type: Upgrade
 Useful Life: 30 years

Description and Justification

As part of the Crystal Valley Interchange agreement with CDOT, the Town has an obligation to construct a Park and Ride lot near the interchange to assist with reducing the amount of single occupant vehicles. This lot needs to be constructed by the time the interchange opens, which is currently estimated to be 2027. This scope includes a basic asphalt surface with parking stall striping to meet this commitment. Upgrades can occur at a future date dependent on public feedback and project priorities.

Expenditures	2025	2026	2027	2028	2029	Total
Design	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000
Construction		-	150,000	-	-	150,000
Total Expenditures	\$ -	\$ 75,000	\$ 150,000	\$ -	\$ -	\$ 225,000

Funding Sources	2025	2026	2027	2028	2029	Total
Impact Fees	\$ -	\$ 75,000	\$ 150,000	\$ -	\$ -	\$ 225,000
Total Funding Sources	\$ -	\$ 75,000	\$ 150,000	\$ -	\$ -	\$ 225,000

Operational Impact

Minor increases to pavement maintenance are anticipated, dependent on the overall net change to the roadway impervious area. This impact will not be known until design details are finalized or after project completion.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

CONSERVATION TRUST FUND

PARKS & RECREATION DEPARTMENT

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Project Expenditures	2025	2026	2027	2028	2029	Total
Park Improvements	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 7,500,000
Total Expenditures by Year	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 7,500,000

Project Funding Sources	2025	2026	2027	2028	2029	Total
Shareback Funds	\$ 1,215,000	\$ 1,206,450	\$ 1,197,644	\$ 1,188,573	\$ 1,179,230	\$ 5,986,896
Lottery Funds	285,000	293,550	302,357	311,427	320,770	1,513,104
Total Funding Sources by Year	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 7,500,000

Funding Source information is intended to identify the revenue that is planned to pay for the capital projects included. While additional revenue is anticipated to be received each year, this information identifies only what is necessary to fund the Capital Improvement Program.



Plum Creek Park

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name

Park Improvements

Project Number: 75-18
 Contact: Jeff Smullen, Assistant Director of Parks & Recreation
 Department: Parks & Recreation Department
 Category: Parks/Trails
 Type: Repair
 Useful Life: 15-20 Years

Description and Justification

The upkeep of parks and open space requires continual investment to maintain existing levels of service. Playground equipment and other park amenities deteriorate with standard wear patterns and have an average life expectancy of 15-20 years. This capital project is reserved each year for life cycle repair and replacement projects throughout Castle Rock, which includes items such as playground replacements, game court, athletic field, and pavilion improvements. This meets the Council approved strategic plan goal of providing safe, high-quality facilities for residents through the implementation of an annual replacement program. Staff will request Douglas County Shareback funds each year and also receives annual funds from the Colorado Lottery to complete design work, assessment, and capital improvements as necessary for each property as identified through the annual assessment process.

Planned improvements are evaluated based on safety, community needs and wants, design scope and public process and are scheduled dependent on funding available through the Conservation Trust Fund, which receives funding from Colorado Lottery and Douglas County Shareback, and also potential grants and contributions. Based on funding availability and project design scope, some of the improvements may be delayed past the 2029 planning period.

Renovations and improvements have been identified at Founders Park to include the restroom building, plaza, basketball court; repair Challenge Hill stairs at Philip S. Miller Park; improvements at Castle Highlands and Baldwin parks; add permanent restroom buildings at Paintbrush, Bison and Deputy Zack S. Parrish III Memorial parks; convert baseball infields at Founders, Mitchell Gulch and Centennial parks to synthetic turf; add trails, trailhead parking and sign plan at Cobblestone/Macanta Open Space Trails; Philip S. Miller Park amphitheater improvements; Metzler Family homestead cultural/education center; other improvement projects that are identified as needed.

Expenditures	2025	2026	2027	2028	2029	Total
Park Improvements	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 7,500,000

Total Expenditures	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 7,500,000
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Funding Sources	2025	2026	2027	2028	2029	Total
Shareback Funds	\$ 1,215,000	\$ 1,206,450	\$ 1,197,644	\$ 1,188,573	\$ 1,179,230	\$ 5,986,896
Lottery Funds	285,000	293,550	302,357	311,427	320,770	1,513,104

Total Funding Sources	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 7,500,000
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Operational Impact

The operational impact of this project will not be known until project completion.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

WATER FUND

CASTLE ROCK WATER

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Project Expenditures	2025	2026	2027	2028	2029	Total
Water Supply Wells	\$ 2,750,000	\$ 1,250,000	\$ 4,250,000	\$ 7,250,000	\$ 7,500,000	\$ 23,000,000
Water Treatment Plant Upgrades/Equip.	605,000	-	5,000,000	-	-	5,605,000
Water Storage (Tank) Projects	300,000	4,500,000	500,000	-	300,000	5,600,000
Pump & Distribution System Upgrades	-	-	450,000	3,500,000	-	3,950,000
Waterline Rehab/Replacement	3,060,000	2,060,000	5,560,000	2,772,000	2,060,000	15,512,000
Security & SCADA System Improvements	4,500,000	3,500,000	1,000,000	471,000	100,000	9,571,000
General Facility Upgrades & Repl.	62,500	50,000	50,000	50,000	50,000	262,500
Advanced Metering Infrastructure	724,668	731,165	258,879	266,162	164,931	2,145,805
Total Expenditures by Year	\$ 12,002,168	\$ 12,091,165	\$ 17,068,879	\$ 14,309,162	\$ 10,174,931	\$ 65,646,305

Project Funding Sources	2025	2026	2027	2028	2029	Total
Metered Water Sales	\$ 10,502,168	\$ 12,091,165	\$ 8,068,879	\$ 7,597,162	\$ 3,674,931	\$ 41,934,305
System Development Fees	1,500,000	-	9,000,000	6,712,000	6,500,000	23,712,000
Total Funding Sources by Year	\$ 12,002,168	\$ 12,091,165	\$ 17,068,879	\$ 14,309,162	\$ 10,174,931	\$ 65,646,305

Funding Source information is intended to identify the revenue that is planned to pay for the capital projects included. While additional revenue is anticipated to be received each year, this information identifies only what is necessary to fund the Capital Improvement Program.



Castle rock Reservoir #2: Vault and new piping

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name

Water Supply Wells

Project Number: Multiple
 Contact: Roy Gallea, Engineering Manager
 Department: Castle Rock Water
 Category: Infrastructure
 Type: Replacement
 Useful Life: 25 Years

Description and Justification

Backup Generators at Wells - Looking at our critical infrastructure, it is necessary to be able to provide water to our treatment plants during times of power outages, this project will look at added that necessary back up power to critical well facilities.

Well Rehabs - As existing wells deteriorate, they need to be maintained and evaluated. This project will look at performing inspection and rehabilitation to existing Castle Rock Water wells.

Cobblestone Ranch Wells - This project will look at adding a new well facility within the Cobblestone Ranch sub-division.

Crystal Valley Ranch Wells - This project will look at adding a new well facility within the Crystal Valley sub-division.

Bell Mountain Raw Water Pipeline - This project is intended to connect existing well facilities to the exting Water Treatment Plant at Bell Mountain and the future Crystal Valley Treatment Plant.

South Well Field Pipeline - This project is intended to evaluate and upsize the South Well Field pipeline as appropriate.

Expenditures	2025	2026	2027	2028	2029	Total
Backup Generators at Wells	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ -	\$ 1,000,000
Well Redrill	-	-	-	-	-	-
New Wells and Waterlines	-	-	-	-	-	-
Well Rehab	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Cobblestone Ranch Wells				6,000,000		6,000,000
Crystal Valley Ranch Wells - 1300 GPM						
Phase 1	-	-	-	-	6,500,000	6,500,000
Bell Mountain Raw Water Pipeline (10in) from WTP to Existing Wells	1,500,000	-	-	-	-	1,500,000
South Well Field pipeline to PCWPF Upsize	-	-	3,000,000	-	-	3,000,000
Total Expenditures	\$ 2,750,000	\$ 1,250,000	\$ 4,250,000	\$ 7,250,000	\$ 7,500,000	\$ 23,000,000

Funding Sources	2025	2026	2027	2028	2029	Total
Metered Water Sales	\$ 1,250,000	\$ 1,250,000	\$ 1,250,000	\$ 1,250,000	\$ 1,000,000	\$ 6,000,000
System Development Fees	1,500,000	-	3,000,000	6,000,000	6,500,000	17,000,000
Total Funding Sources	\$ 2,750,000	\$ 1,250,000	\$ 4,250,000	\$ 7,250,000	\$ 7,500,000	\$ 23,000,000

Operational Impact

Costs will vary for each well depending on the amount and type of rehabilitation, and the depth of the well and will be determined upon project completion and incorporated into operational budgets at that time.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name **Water Treatment Plant Upgrades/Equip.**

Project Number: Multiple
 Contact: Roy Gallea, Engineering Manager
 Department: Castle Rock Water
 Category: Infrastructure
 Type: Upgrade
 Useful Life: 50 Years

Description and Justification

This facility upgrade project provides for miscellaneous improvements at existing Water Treatment Plants (WTP). There are six active water treatment plants, with one dedicated for peak demand in Castle Rock. Examples of specific upgrades include pipe gallery painting, HVAC and cooling unit replacements, door repair and replacement, basin repairs, instrumentation, alarm upgrades, and safety improvements.

The equipment replacement project includes replacing existing electrical and/or mechanical equipment associated with water treatment facilities. These plants are necessary to filter deep aquifer groundwater and for purifying alluvial well water. These facilities require periodic upgrades to instrumentation, controls, and other small upgrades. Electrical and mechanical equipment needs to be replaced as equipment reaches the end of its useful life. A preventive maintenance program associated with asset management will be used to determine replacement schedules based on the type of equipment, service duty, and operating conditions. These projects help Castle Rock Water meet the priority of providing high quality and reliable water service to Town residents and businesses.

Castle Rock Water will be assuming the water treatment and distribution for the Bell Mountain (Mtn) subdivision. The Bell Mtn Water Treatment Plant (WTP) chloramination project will complete upgrades at the existing treatment plant to make the Bell Mtn treated water compatible with Castle Rock treated water. The WTP pH corrosion control project will add pH adjustment capability to the existing water treatment process to optimize the corrosion control potential of the Bell Mtn treated water. This will also make the treated water more compatible with Castle Rock treated water.

Expenditures	2025	2026	2027	2028	2029	Total
WTP Media Replacement	\$ 105,000	\$ -	\$ -	\$ -	\$ -	\$ 105,000
Bell Mountain Chloramination	400,000	-	-	-	-	400,000
Bell Mountain Ion Exchange Filters	100,000	-	-	-	-	100,000
Ray Waterman pumping upgrades	-	-	5,000,000	-	-	5,000,000
Total Expenditures	\$ 605,000	\$ -	\$ 5,000,000	\$ -	\$ -	\$ 5,605,000

Funding Sources	2025	2026	2027	2028	2029	Total
Metered Water Sales	\$ 605,000	\$ -	\$ 2,500,000	\$ -	\$ -	\$ 3,105,000
System Development Fees	-	-	2,500,000	-	-	2,500,000
Total Funding Sources	\$ 605,000	\$ -	\$ 5,000,000	\$ -	\$ -	\$ 5,605,000

Operational Impact

There is no operational impact anticipated for these projects.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name **Water Storage (Tank) Projects**

Project Number: Multiple
 Contact: Roy Gallea, Engineering Manager
 Department: Castle Rock Water
 Category: Infrastructure
 Type: Upgrade
 Useful Life: 50 Years

Description and Justification

Tank 8B in the Meadows Sub-division will provide necessary redundancy to the Blue Zone Pressure Zone.

Expenditures	2025	2026	2027	2028	2029	Total
Tank 8B in Meadows	\$ 300,000	\$ 4,500,000	\$ -	\$ -	\$ -	\$ 4,800,000
Tank 5 Demolition	-	-	500,000	-	-	500,000
Tank 6B Reconstruction (design)	-	-	-	-	300,000	300,000
Total Expenditures	\$ 300,000	\$ 4,500,000	\$ 500,000	\$ -	\$ 300,000	\$ 5,600,000

Funding Sources	2025	2026	2027	2028	2029	Total
Metered Water Sales	\$ 300,000	\$ 4,500,000	\$ 500,000	\$ -	\$ 300,000	\$ 5,600,000
Total Funding Sources	\$ 300,000	\$ 4,500,000	\$ 500,000	\$ -	\$ 300,000	\$ 5,600,000

Operational Impact

Future repair and maintenance of tanks is ongoing and is included within currently budgeted maintenance and personnel costs.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name **Pump & Distribution System Upgrades**

Project Number: Multiple
 Contact: Roy Gallea, Engineering Manager
 Department: Castle Rock Water
 Category: Equipment
 Type: Upgrade
 Useful Life: 25 Years

Description and Justification

The Town has nine active pump stations that are over ten years old. Pump stations are critical to providing water to customers and for moving water around Town. Although a pump station facility has an overall 50 year service life, the individual components (pumps, motors, flow meters, valves, etc.) need replacement at shorter intervals. Water Infrastructure and Supply Efficiency (WISE) deliveries are expected to increase over time as more renewable water sources are added. Modeling indicates that to accommodate and deliver water around Town, future pumping capacity at our Hillside Pump Station will be needed in 2027 to move the water to distribution and storage.

These projects help Castle Rock Water meet the priority of providing high quality water service to Town residents and businesses.

Expenditures	2025	2026	2027	2028	2029	Total
Hillside Pump Station	\$ -	\$ -	\$ 300,000	\$ 3,000,000	\$ -	\$ 3,300,000
Surge Tank at Diamond Ridge Pump Station	-	-	150,000	500,000	-	650,000
Total Expenditures	\$ -	\$ -	\$ 450,000	\$ 3,500,000	\$ -	\$ 3,950,000
Funding Sources	2025	2026	2027	2028	2029	Total
Metered Water Sales	\$ -	\$ -	\$ 450,000	\$ 3,500,000	\$ -	\$ 3,950,000
Total Funding Sources	\$ -	\$ -	\$ 450,000	\$ 3,500,000	\$ -	\$ 3,950,000

Operational Impact

Red Zone Pumping Upsize estimated operating costs are \$30,074 annually and are incorporated into the Water Fund operations budget.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name **Waterline Rehab/Replacement**

Project Number: Multiple
 Contact: Roy Gallea, Engineering Manager
 Department: Castle Rock Water
 Category: Infrastructure
 Type: Replacement
 Useful Life: 50 Years

Description and Justification

Waterline Rehab/Replacement is an important maintenance activity as waterline's reach the end of their useful life. The Young American Rehab project will replace aging infrastructure that will allow Castle Rock Water to deliver reliable water to the customers located within this sub-division. Modeling is constantly looked at in terms of growth and how Castle Rock Water can move water through its distribution system to all customers who rely on it. The Ligget Road Upsize & Front Street to Downtown waterlines have been identified as waterlines needed to provide redundancy and larger capacity to move water throughout Town. Castle Rock Water is also looking at implementing AI to help with the reduction of Water Loss seen within the distribution system.

Expenditures	2025	2026	2027	2028	2029	Total
Young American Rehab Phase 2	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000
Young American Rehab Phase 3	-	2,000,000	-	-	-	2,000,000
Ligget Road Upsize	-	-	3,500,000	-	-	3,500,000
Front Street to Downtown Connection	2,000,000	-	-	-	-	2,000,000
Waterline Rehab/Replacement	-	-	2,000,000	2,000,000	2,000,000	6,000,000
Hillside Pump Station Pumping Improvements	-	-	-	712,000	-	712,000
AI intergration for Water Loss	60,000	60,000	60,000	60,000	60,000	300,000
Total Expenditures	\$ 3,060,000	\$ 2,060,000	\$ 5,560,000	\$ 2,772,000	\$ 2,060,000	\$ 15,512,000
Funding Sources	2025	2026	2027	2028	2029	Total
Metered Water Sales	\$ 3,060,000	\$ 2,060,000	\$ 2,060,000	\$ 2,060,000	\$ 2,060,000	\$ 11,300,000
System Development Fees	-	-	3,500,000	712,000	-	4,212,000
Total Funding Sources	\$ 3,060,000	\$ 2,060,000	\$ 5,560,000	\$ 2,772,000	\$ 2,060,000	\$ 15,512,000

Operational Impact

There are no additional future operating expenditures associated with rehabilitation/replacement.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name **Security & SCADA System Improvements**

Project Number: 75-41
Contact: Mark Marlowe, Director of Castle Rock Water
Department: Castle Rock Water
Category: Building
Type: Upgrade
Useful Life: 20 Years

Description and Justification

This project is intended to accomplish miscellaneous small projects to increase facility security in accordance with the Facilities Vulnerability Assessment and Supervisory Control And Data Acquisition (SCADA) Master Plan and accomplish future year water transmission and distribution facility upgrades. Projects include electronic access control at all water facilities through installation of card readers or replacement of mechanical locks with electronic locks operated by programmable keys. Other projects include repair and replacement of fencing and installation of secure gates.

The SCADA master plan is a six-year plan to replace all aging telemetry and system controls across the Castle Rock Water system to ensure reliability and system integrity. SCADA system capital improvements in 2025 include system-wide telemetry network upgrades and backhaul system network upgrades, various PLC (programmable logic controllers) upgrades, and network upgrades at the Ray Water Regional Water treatment center.

Expenditures	2025	2026	2027	2028	2029	Total
SCADA System Capital Improvements	\$ 4,500,000	\$ 3,500,000	\$ 1,000,000	\$ 471,000	\$ 100,000	\$ 9,571,000
Total Expenditures	\$ 4,500,000	\$ 3,500,000	\$ 1,000,000	\$ 471,000	\$ 100,000	\$ 9,571,000
Funding Sources	2025	2026	2027	2028	2029	Total
Metered Water Sales	\$ 4,500,000	\$ 3,500,000	\$ 1,000,000	\$ 471,000	\$ 100,000	\$ 9,571,000
Total Funding Sources	\$ 4,500,000	\$ 3,500,000	\$ 1,000,000	\$ 471,000	\$ 100,000	\$ 9,571,000

Operational Impact

There are no additional future operating expenditures associated with Security and SCADA System Improvements.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name **General Facility Upgrades & Repl.**

Project Number: Multiple
 Contact: Roy Gallea, Engineering Manager
 Department: Castle Rock Water
 Category: Equipment
 Type: Upgrade
 Useful Life: 20 Years

Description and Justification

The general facility project is intended to upgrade an existing booster pump station, pressure reducing valves, and other water facility improvements. The facilities capital replacements project will facilitate maintaining building functionality by making needed updates and replacing portions of various facilities.

The Town operates five water treatment plants, many pump stations, pressure reducing vaults, buildings, and office space. All of these facilities require maintenance and replacements of various items and equipment. Small projects to improve the functionality and/or appearance of Town facilities are necessary. These projects include drainage, landscaping, siding and roofing, and site improvements at existing pump stations. As buildings age, components will require replacement. As a formal asset management program develops, capital replacements will become well defined. This project is created to accommodate those needs. The existing access to many sites is unimproved or gravel access that requires ongoing maintenance, particularly during the winter. Snowplowing and access, in general, will be improved by paving and otherwise improving site access. These projects help Castle Rock Water meet the priority of providing high quality water service to Town residents and businesses.

Expenditures	2025	2026	2027	2028	2029	Total
Facilities Paving Program	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000
Site Improvements	12,500	-	-	-	-	\$ 12,500
Total Expenditures	\$ 62,500	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 262,500

Funding Sources	2025	2026	2027	2028	2029	Total
Metered Water Sales	\$ 62,500	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 262,500
Total Funding Sources	\$ 62,500	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 262,500

Operational Impact

There are no additional future operating expenditures associated with rehabilitation/replacement.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name **Advanced Metering Infrastructure**

Project Number: 77-15
Contact: Nichol Bussey, Business Solution Manager
Department: Castle Rock Water
Category: Infrastructure
Type: Upgrade
Useful Life: 20 Years

Description and Justification

This capital project is for design, planning, and implementation of Advanced Metering Infrastructure (AMI). Currently meter reads are performed once a month on the 1st-3rd of every month via drive by technology. This AMI technology would provide radio reads via tower technology with the frequency desired without the need to roll a truck. To reach full implementation and functionality approximately 13,000 meters would need to be upgraded to smart meter technology. Several Meter Transceiver Units (MXUs), which are the transmitters would also need to be upgraded from “R” radios to “M” radios, approximately 13k units. Staff has already been putting in the smart meters and upgraded MXU’s in each new build as well as replacing existing infrastructure with the new technology as needed. An assumption in the total costs is the rollout of the newest technology for residential accounts called the Ally ¾” Meter. This meter provides remote disconnection and reconnection via tower technology. It not only provides alerts to the customer for water usage, leak detection, pressure and temperature, but also helps identify possible issues in the distribution system. In addition to the replacement of the meters and MXUs, costs also included are for purchase and installation of three towers, three gateway base stations, two remote collectors, demand meter management software and analytics software.

Expenditures	2025	2026	2027	2028	2029	Total
Advanced Metering Infrastructure	\$ 724,668	\$ 731,165	\$ 258,879	\$ 266,162	\$ 164,931	\$ 2,145,805
Total Expenditures	\$ 724,668	\$ 731,165	\$ 258,879	\$ 266,162	\$ 164,931	\$ 2,145,805
Funding Sources	2025	2026	2027	2028	2029	Total
Metered Water Sales	\$ 724,668	\$ 731,165	\$ 258,879	\$ 266,162	\$ 164,931	\$ 2,145,805
Total Funding Sources	\$ 724,668	\$ 731,165	\$ 258,879	\$ 266,162	\$ 164,931	\$ 2,145,805

Operational Impact

Recurring costs include annual software maintenance costs and one FTE for an AMI coordinator/meter demand management.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

WATER RESOURCES FUND

CASTLE ROCK WATER

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Project Expenditures	2025	2026	2027	2028	2029	Total
PCWPF Expansion & PC Central Pipeline	\$ 58,123,254	\$ 5,850,000	\$ -	\$ -	\$ -	\$ 63,973,254
Alternative Source of Supply Project	15,500,000	500,000	500,000	500,000	500,000	17,500,000
Chatfield Storage Reallocation Project	600,000	1,097,595	1,097,595	1,097,595	1,097,595	4,990,380
Miscellaneous Projects	2,012,500	750,000	250,000	250,000	250,000	3,512,500
Advanced Metering Infrastructure	362,334	365,583	129,440	133,081	82,466	1,072,904
WISE	8,208,836	13,429,151	13,437,151	13,446,151	1,446,151	49,967,440
Plum Creek to RHR Pipeline and Pump Station	1,000,000	-	-	-	-	1,000,000
Indian Creek Pump Back	100,000	-	-	-	-	100,000
Plum Creek Diversion	3,550,000	2,950,000	-	-	-	6,500,000
Total Expenditures by Year	\$ 89,456,924	\$24,942,329	\$15,414,186	\$15,426,827	\$ 3,376,212	\$ 148,616,478

Project Funding Sources	2025	2026	2027	2028	2029	Total
System Development Fees	\$ 53,601,688	\$14,892,281	\$ 9,222,624	\$ 9,229,480	\$ 2,009,234	\$ 88,955,306
Water Resources Fees	35,855,236	10,050,048	6,191,562	6,197,347	1,366,978	59,661,172
Total Funding Sources by Year	\$ 89,456,924	\$24,942,329	\$15,414,186	\$15,426,827	\$ 3,376,212	\$ 148,616,478

Funding Source information is intended to identify the revenue that is planned to pay for the capital projects included. While additional revenue is anticipated to be received each year, this information identifies only what is necessary to fund the Capital Improvement Program.



CR-1 Diversion structure along East Plum Creek

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name **PCWPF Expansion & PC Central Pipeline**

Project Number: Multiple
 Contact: Matt Benak, Water Resources Manager
 Department: Castle Rock Water
 Category: Infrastructure
 Type: Upgrade
 Useful Life: 50 Years

Description and Justification

Advanced treatment processes are necessary for the effective treatment of the Town's Plum Creek surface water and reuse water supplies. The future goal of the Town is to provide 75% renewable water supply annually to its customers and this project will be a key component to achieve that goal. Ultimate treatment capacity at Plum Creek Water Purification Facility (PCWPF) will be 12 million gallons per day. The membrane racks need to be replaced every 10 years, the first set was installed in 2013.

Expenditures	2025	2026	2027	2028	2029	Total
PCWPF Expansion	\$ 51,823,254	\$ -	\$ -	\$ -	\$ -	\$ 51,823,254
Replace Membrane Rack	450,000	-	-	-	-	450,000
Plum Creek Pipeline to PCWPF	5,850,000	5,850,000	-	-	-	11,700,000
Total Expenditures	\$ 58,123,254	\$ 5,850,000	\$ -	\$ -	\$ -	\$ 63,973,254

Funding Sources	2025	2026	2027	2028	2029	Total
System Development Fees	\$ 34,873,952	\$ 3,510,000	\$ -	\$ -	\$ -	\$ 38,383,952
Water Resources Fees	23,249,302	2,340,000	-	-	-	25,589,302
Total Funding Sources	\$ 58,123,254	\$ 5,850,000	\$ -	\$ -	\$ -	\$ 63,973,254

Operational Impact

Estimated operation and maintenance costs for advanced treatment processes are estimated \$1.3 million in 2025 and beyond and are incorporated in the Water Resources Fund's operations budget.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name

Alternative Source of Supply Project

Project Number: Multiple
 Contact: Matt Benak, Water Resources Manager
 Department: Castle Rock Water
 Category: Water Rights
 Type: Upgrade
 Useful Life: 50 Years

Description and Justification

Sustainable water supplies must be imported to the Town with a focus on proximity and feasibility in order to meet the goal of 75 percent renewable water. This project entails importing an additional 2,500 acre-feet of renewable and fully consumable water from the South Platte River Basin, northeast of the Denver metro area. It includes the purchase of approximately 2,500 acre-feet of renewable surface water rights and all legal costs associated with enabling the water to be used in Castle Rock. It includes legal and engineering due diligence, construction of a well field on the Box Elder property (located in Weld County), demolishing current structures on Box Elder property, abandoning existing wells, developing new pumping systems, and raw water transmission pipelines. This project also includes obtaining capacity in East Cherry Creek Valley (ECCV) Water & Sanitation District's Northern Pipeline plus pump stations and treatment capacity in ECCV's water treatment plant. Additionally, Castle Rock continues to seek opportunities for renewable water rights that bolster the Town's portfolio and eventually reach the 2065 goal of 100% renewable water in an average water year.

Expenditures	2025	2026	2027	2028	2029	Total
ASOS (PV Well Improvements and Pipeline)	#####	\$ -	\$ -	\$ -	\$ -	\$ 15,000,000
Water Rights Acquisition (Platte Valley Water Partnership)	500,000	500,000	500,000	500,000	500,000	2,500,000
Total Expenditures	#####	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 17,500,000
Funding Sources	2025	2026	2027	2028	2029	Total
System Development Fees	\$ 9,300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 10,500,000
Water Resources Fees	6,200,000	200,000	200,000	200,000	200,000	7,000,000
Total Funding Sources	#####	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 17,500,000

Operational Impact

Operating costs are not currently estimated as construction of infrastructure to move the water is not planned to begin until year 2030. The operational costs will be funded by rates.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name **Chatfield Storage Reallocation Project**

Project Number: Multiple
 Contact: Matt Benak, Water Resources Manager
 Department: Castle Rock Water
 Category: Water Rights
 Type: Upgrade
 Useful Life: Perpetual

Description and Justification

This project will fund the participation and maintenance costs of the Town's owned storage space (719 acre-feet) in the Chatfield Storage Reallocation Project. The Town plans to increase its ultimate storage capacity to 2,000 acre-feet over the next 12 years. This project has been identified as a critical component of the Town's Water Resources Strategic Master Plan, which includes maximizing the Town's existing supplies and finding the most efficient solutions to meet the Town's long term renewable water supply goals. Specifically, this storage space will allow enhanced management capabilities for the Town's Plum Creek water rights, including treated return flows in the Plum Creek basin, and native rights along Plum Creek and the South Platte River. This project is funded in partnership with multiple entities and managed by the Chatfield Reservoir Mitigation Company (CRMC). Additionally, Castle Rock is in the process of determining how best to physically pump and transmit the stored Chatfield supplies back to the Town with the Chatfield West-Side Alternatives Project that may involve regional partnerships.

Expenditures	2025	2026	2027	2028	2029	Total
Additional Storage	\$ -	\$ 1,097,595	\$ 1,097,595	\$ 1,097,595	\$ 1,097,595	\$ 4,390,380
Chatfield West-Side Alternatives Project	600,000	-	-	-	-	600,000
Total Expenditures	\$ 600,000	\$ 1,097,595	\$ 1,097,595	\$ 1,097,595	\$ 1,097,595	\$ 4,990,380

Funding Sources	2025	2026	2027	2028	2029	Total
System Development Fees	\$ 360,000	\$ 658,557	\$ 658,557	\$ 658,557	\$ 658,557	\$ 2,994,228
Water Resources Fees	240,000	439,038	439,038	439,038	439,038	1,996,152
Total Funding Sources	\$ 600,000	\$ 1,097,595	\$ 1,097,595	\$ 1,097,595	\$ 1,097,595	\$ 4,990,380

Operational Impact

Operating and maintenance expenses of the Town's capacity in the Chatfield Reservoir Storage Project are anticipated to be approximately \$256,000 to \$270,000 a year which is incorporated in the Water Resources Fund's operations budget. Operating expenses for the Chatfield Pump Back system will be determined during the design phase of that project.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name **Miscellaneous Projects**

Project Number: Multiple
 Contact: Matt Benak, Water Resources Manager
 Department: Castle Rock Water
 Category: Infrastructure
 Type: Upgrade
 Useful Life: 50 Years

Description and Justification

These miscellaneous capital improvement projects address several needs including: The demonstration garden being planned near Ray Waterman Water Treatment Facility; improvements to the SCADA system; and site improvements for the Castle Rock Water Administration Building.

Expenditures	2025	2026	2027	2028	2029	Total
Site Improvements	\$ 12,500	\$ -	\$ -	\$ -	\$ -	\$ 12,500
Demonstration Garden	1,000,000	-	-	-	-	1,000,000
SCADA System Improvements	1,000,000	750,000	250,000	250,000	250,000	2,500,000
Total Expenditures	\$2,012,500	\$ 750,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 3,512,500
Funding Sources	2025	2026	2027	2028	2029	Total
System Development Fees	\$ 1,207,500	\$ 450,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 2,107,500
Water Resources Fees	805,000	300,000	100,000	100,000	100,000	1,405,000
Total Funding Sources	\$2,012,500	\$ 750,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 3,512,500

Operational Impact

The ASR wells and alluvial well redrills will have operational impacts and will be budgeted in the future following completion of projects.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name

WISE

Project Number: 77-72
 Contact: Matt Benak, Water Resources Manager
 Department: Castle Rock Water
 Category: Water Rights
 Type: Upgrade
 Useful Life: Perpetual/50 years

Description and Justification

The WISE (Water Infrastructure and Supply Efficiency) project is a part of the Town's Strategic goal to transition to a 75% renewable water supply for the future. As part of this strategy, sustainable water supplies must be imported to the Town with a focus on proximity and feasibility in order to help meet this goal. This project includes securing 2,000 acre-feet per year (AF/yr.) of water (Castle Rock's original subscription plus 1,000 AF of the Douglas County Option water) on average from Denver and Aurora and will build infrastructure necessary to move water from the Peter Binney Water Purification Facility located near Aurora Reservoir to the Town of Castle Rock. This part of the project includes additional pipeline connections, and infrastructure expansion through Parker Water & Sanitation District's (PWSD) system. Jacobs Engineering was hired to complete a Salinity Management Study with the purpose of determining the best methods to handle increased salinity in the water supply. (Town of Castle Rock cost at \$40M (spread out over 4 years). Operating expenses include subscription, and wheeling fees. (Fees are based on actual annual water purchased).

Expenditures	2025	2026	2027	2028	2029	Total
PWSD Asset Recovery Charges	\$ 298,000	\$ 306,000	\$ 314,000	\$ 323,000	\$ 323,000	\$ 1,564,000
WISE Infrastructure Desalination Facilities	3,600,000	12,000,000	12,000,000	12,000,000	-	39,600,000
WISE Option Agreement Reserve	1,010,836	1,123,151	1,123,151	1,123,151	1,123,151	5,503,440
WISE Local Infrastructure (Chloramination & WISE Modifications at RWWTC)	1,600,000	-	-	-	-	1,600,000
WISE Infrastructure (Binney Connection; DIA Connection)	1,700,000	-	-	-	-	1,700,000
Total Expenditures	\$8,208,836	#####	\$ 13,437,151	#####	\$1,446,151	\$ 49,967,440

Funding Sources	2025	2026	2027	2028	2029	Total
System Development Fees	\$4,925,302	\$ 8,057,491	\$ 8,062,291	\$ 8,067,691	\$ 867,691	\$ 29,980,464
Water Resources Fees	3,283,534	5,371,660	5,374,860	5,378,460	578,460	19,986,976
Total Funding Sources	\$8,208,836	#####	\$ 13,437,151	#####	\$1,446,151	\$ 49,967,440

Operational Impact

Operating costs for the WISE project will be variable based on actual annual water purchased and paid by rates and fees. Operational cost estimates are approximately \$5.2 million each year once the full WISE delivery schedule begins in 2026 and beyond and are incorporated in the Water Resources Fund's operations budget.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name Plum Creek to RHR Pipeline and Pump Station

Project Number: 78-04
 Contact: Matt Benak, Water Resources Manager
 Department: Castle Rock Water
 Category: Infrastructure
 Type: New
 Useful Life: 50 years

Description and Justification

This project addresses permitting and construction of a new pump station, pipeline and outlet structure into Rueter-Hess Reservoir so that a portion of the Town's water rights can be transmitted for storage and, subsequently for treatment at Parker's Rueter Hess Reservoir Water Purification Facility (RHWPf). The initial project will be designed to move approximately 1,000 acre-feet of water per year.

Expenditures	2025	2026	2027	2028	2029	Total
Plum Creek to RHR Pipeline Project	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000
Total Expenditures	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000

Funding Sources	2025	2026	2027	2028	2029	Total
System Development Fees	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ 600,000
Water Resources Fees	400,000	-	-	-	-	400,000
Total Funding Sources	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000

Operational Impact

Recurring costs include annual software maintenance costs and one FTE for an AMI coordinator/meter demand management.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name **Indian Creek Pump Back**

Project Number: 79-18
 Contact: Matt Benak, Water Resources Manager
 Department: Castle Rock Water
 Category: Infrastructure
 Type: New
 Useful Life: 50 years

Description and Justification

This project will involve upgrades to Lambert Reservoir, design and construction of a new raw water pump station and pipeline to capture and transmit raw water from Indian Creek to Castle Rock Reservoirs No. 1 and No. 2.

Expenditures	2025	2026	2027	2028	2029	Total
Indian Creek Pump Back	\$ 100,000	\$ -	\$ -	\$ -	\$ -	100,000
Total Expenditures	\$ 100,000	\$ -	\$ -	\$ -	\$ -	100,000
Funding Sources	2025	2026	2027	2028	2029	Total
System Development Fees	\$ 60,000	\$ -	\$ -	\$ -	\$ -	60,000
Water Resources Fees	40,000	-	-	-	-	40,000
Total Funding Sources	\$ 100,000	\$ -	\$ -	\$ -	\$ -	100,000

Operational Impact

Operational costs will be determined during the design phase.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name Plum Creek Diversion

Project Number: 77-54
 Contact: Matt Benak, Water Resources Manager
 Department: Castle Rock Water
 Category: Infrastructure
 Type: Upgrade
 Useful Life: 50 years

Description and Justification

The Plum Creek Diversion structure, located near Sedalia along Plum Creek, has a permitted capacity of 40 cubic feet per second (CFS) and gives the Town access to large volumes of reusable and renewable water rights. This facility experiences large sediment loads from the stream that cause operational issues. Upgrades to the facility are being planned to maximize the amount of water than can be pulled from the stream while minimizing the sedimentation effects.

Expenditures	2025	2026	2027	2028	2029	Total
Plum Creek Diversion Structure	\$ 3,550,000	\$ 2,950,000	\$ -	\$ -	\$ -	\$ 6,500,000
Total Expenditures	\$ 3,550,000	\$ 2,950,000	\$ -	\$ -	\$ -	\$ 6,500,000

Funding Sources	2025	2026	2027	2028	2029	Total
System Development Fees	\$ 2,130,000	\$ 1,770,000	\$ -	\$ -	\$ -	\$ 3,900,000
Water Resources Fees	1,420,000	1,180,000	-	-	-	2,600,000
Total Funding Sources	\$ 3,550,000	\$ 2,950,000	\$ -	\$ -	\$ -	\$ 6,500,000

Operational Impact

Operational impacts include manpower to clean the screen and remove sediment regularly.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

STORMWATER FUND

CASTLE ROCK WATER

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Project Expenditures	2025	2026	2027	2028	2029	Total
Minor Drainageway Stabilization	\$ -	\$ -	\$ 224,885	\$ -	\$ 155,319	\$ 380,204
Stream Stabilization	1,320,000	2,640,000	250,000	750,000	5,411,023	10,371,023
Detention Ponds Retrofits	68,017	70,203	72,392	74,582	76,771	361,965
Watershed Master Plan Updates	254,456	263,362	400,000	84,819	-	1,002,637
Storm Sewer Rehabilitation	718,978	666,987	677,493	788,001	798,507	3,649,966
Total Expenditures by Year	\$ 2,361,451	\$ 3,640,552	\$ 1,624,770	\$ 1,697,402	\$ 6,441,620	\$ 15,765,795

Project Funding Sources	2025	2026	2027	2028	2029	Total
Stormwater Charges	\$ 1,067,047	\$ 1,402,493	\$ 976,411	\$ 1,419,382	\$ 3,922,845	\$ 8,788,178
System Development Fees	1,294,404	2,238,059	648,359	278,020	2,518,775	6,977,617
Total Funding Sources by Year	\$ 2,361,451	\$ 3,640,552	\$ 1,624,770	\$ 1,697,402	\$ 6,441,620	\$ 15,765,795

Funding Source information is intended to identify the revenue that is planned to pay for the capital projects included. While additional revenue is anticipated to be received each year, this information identifies only what is necessary to fund the Capital Improvement Program.



Omni Tributary

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name **Minor Drainageway Stabilization**

Project Number: Multiple
 Contact: Roy Gallea, Engineering Manager
 Department: Castle Rock Water
 Category: Infrastructure
 Type: Repair
 Useful Life: 50 Years

Description and Justification

This project includes new infrastructure on small channel systems downstream of development to correct erosion where the existing minor drainage way system is incomplete. Minor drainage ways are natural or engineered conveyance systems with an upstream drainage area less than 130 acres. If improvements are not made, these systems pose a potential public safety hazard and flood risk. These improvements provide adequate capacity based on growth and stabilization. Projects are divided between the Plum Creek Basin (PC) and the Cherry Creek Basin (CC). This project helps Castle Rock Water provide high quality water service to Town residents and businesses by managing stormwater runoff and flood risks. Funding for these improvements is split between stormwater charges and system development fees to account for existing infrastructure needs and impacts due to growth.

Expenditures	2025	2026	2027	2028	2029	Total
Minor Drainage Way Stab PC	\$ -	\$ -	\$ 122,607	\$ -	\$ 84,680	\$ 207,287
Minor Drainage Way Stab CC	-	-	102,278	-	70,639	172,917
Total Expenditures	\$ -	\$ -	\$ 224,885	\$ -	\$ 155,319	\$ 380,204

Funding Sources	2025	2026	2027	2028	2029	Total
Stormwater Charges	\$ -	\$ -	\$ 140,648	\$ -	\$ 97,140	\$ 237,788
System Development Fees	-	-	84,237	-	58,179	142,416
Total Funding Sources	\$ -	\$ -	\$ 224,885	\$ -	\$ 155,319	\$ 380,204

Operational Impact

No additional operating expenditures or revenues are anticipated as a result of this project.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name

Stream Stabilization

Project Number: Multiple
 Contact: Roy Gallea, Engineering Manager
 Department: Castle Rock Water
 Category: Infrastructure
 Type: Repair
 Useful Life: 50 Years

Description and Justification

This project includes stream channel stabilization throughout Castle Rock. Tributaries are part of the major drainage way networks that include watersheds with an upstream area greater than 130 acres, also known as the 100-year floodplain. These projects were identified in the 2017 Stormwater Master Plan as a scheduled activity. Stream improvements generally include natural or engineered segments of vegetated stream. Improvements also ensure adequate flood capacity in the channel to reduce flood potential for adjacent properties. Improvements to the natural drainage way are required to mitigate development impacts that accelerate erosion and pose a potential public safety hazard if left unattended over time. This project will restore a sustainable channel system for water quality and flood control. The improvements will reduce channel erosion and protect adjacent property from loss during flooding. Projects are divided between the Plum Creek Basin (PC) and the Cherry Creek Basin (CC). This project helps Castle Rock Water provide high quality water service to Town residents and businesses by managing stormwater runoff and flood risks. Funding for these improvements is split between stormwater charges and system development fees to account for existing infrastructure needs and impacts due to growth. Stream Stabilization projects are listed below by year:

2025 - Sellars Gulch
 2026 - McMurdo Gulch, East Plum Creek
 2027 - McMurdo Gulch
 2028 - Mitchell Gulch

Expenditures	2025	2026	2027	2028	2029	Total
Total Drainage Way Stabilization PC	\$ 1,320,000	\$ 2,640,000	\$ -	\$ -	\$ 3,041,213	\$ 7,001,213
Total Drainage Way Stabilization CC	-	-	250,000	750,000	2,369,810	3,369,810
Total Expenditures	\$ 1,320,000	\$ 2,640,000	\$ 250,000	\$ 750,000	\$ 5,411,023	\$ 10,371,023

Funding Sources	2025	2026	2027	2028	2029	Total
Stormwater Charges	\$ 330,000	\$ 660,000	\$ -	\$ 750,000	\$ 3,200,427	\$ 4,940,427
System Development Fees	990,000	1,980,000	250,000	-	2,210,596	5,430,596
Total Funding Sources	\$ 1,320,000	\$ 2,640,000	\$ 250,000	\$ 750,000	\$ 5,411,023	\$ 10,371,023

Operational Impact

No additional operating expenditures or revenues are anticipated as a result of this project.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name

Detention Ponds Retrofits

Project Number: 77-18
 Contact: Roy Gallea, Engineering Manager
 Department: Castle Rock Water
 Category: Infrastructure
 Type: Upgrade
 Useful Life: 50 Years

Description and Justification

This project includes regional detention pond retrofits to facilities that demonstrate an excessive operation and maintenance burden on the program. Generally, older water quality and detention facilities require upgrades to the outflow structure and other pond features to improve runoff circulation through the facility and reduce clogging potential. Ponds are evaluated on an ongoing basis and projects are identified as needed. This project helps Castle Rock Water provide high quality water service to Town residents and businesses by managing stormwater runoff and flood risks. Funding for this project is from monthly service charges to address existing infrastructure needs.

Expenditures	2025	2026	2027	2028	2029	Total
Detention Ponds	\$ 68,017	\$ 70,203	\$ 72,392	\$ 74,582	\$ 76,771	\$ 361,965
Total Expenditures	\$ 68,017	\$ 70,203	\$ 72,392	\$ 74,582	\$ 76,771	\$ 361,965

Funding Sources	2025	2026	2027	2028	2029	Total
Stormwater Charges	\$ 68,017	\$ 70,203	\$ 72,392	\$ 74,582	\$ 76,771	\$ 361,965
Total Funding Sources	\$ 68,017	\$ 70,203	\$ 72,392	\$ 74,582	\$ 76,771	\$ 361,965

Operational Impact

No additional operating expenditures or revenues are anticipated as a result of this project.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name **Watershed Master Plan Updates**

Project Number: 78-74
 Contact: Roy Gallea, Engineering Manager
 Department: Castle Rock Water
 Category: Infrastructure
 Type: Upgrade
 Useful Life: Perpetual

Description and Justification

The Stormwater Capital Program includes updating 19 Major Drainage way Master Plans (MP) covering over 71 miles of floodplain system. Periodic updates to these plans are required to account for changes in watershed hydrology, stream stability assessment, and capital plan prioritization. It is estimated that approximately four plans will be updated annually over a five year period. A master plan GIS database tool is needed to support modeling efforts, track capital completion status, and facilitate coordination with other stakeholder projects. This project helps Castle Rock Water provide high quality water service to Town residents and businesses by managing stormwater runoff and flood risks. Funds are allocated between rates and fees based on impacts estimated from existing development and growth.

Expenditures	2025	2026	2027	2028	2029	Total
Watershed MP Updates	\$ 254,456	\$ 263,362	\$ 400,000	\$ 84,819	\$ -	\$ 1,002,637
Total Expenditures	\$ 254,456	\$ 263,362	\$ 400,000	\$ 84,819	\$ -	\$ 1,002,637

Funding Sources	2025	2026	2027	2028	2029	Total
Stormwater Charges	\$ 150,052	\$ 155,303	\$ 235,878	\$ 56,799	\$ -	\$ 598,032
System Development Fees	104,404	108,059	164,122	28,020	-	404,605
Total Funding Sources	\$ 254,456	\$ 263,362	\$ 400,000	\$ 84,819	\$ -	\$ 1,002,637

Operational Impact

No additional operating expenditures or revenues are anticipated as a result of this project.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name Storm Sewer Rehabilitation

Project Number: Multiple
 Contact: Roy Gallea, Engineering Manager
 Department: Castle Rock Water
 Category: Infrastructure
 Type: Repair
 Useful Life: 20-50 Years

Description and Justification

This program is required to address aging stormwater infrastructure. Existing corrugated metal pipe (CMP) has an average life expectancy of 30 years and reinforced concrete pipe (RCP) has an average life expectancy of 50 years. If a pipe fails due to corrosion or collapse this will result in subgrade failure in pavement above the pipe. This program will help ensure rehabilitation to existing storm sewer systems prior to infrastructure failure and prolong the life of the system by 20 to 50 years. Groundwater Infrastructure funding for underdrain installations is allocated to assist with excessive dry weather water over sidewalks and impacting streets in residential subdivisions. Funding for this project is from monthly service charges to address existing infrastructure needs.

Expenditures	2025	2026	2027	2028	2029	Total
Storm Sewer Rehabilitation	\$ 326,478	\$ 336,987	\$ 347,493	\$ 358,001	\$ 368,507	\$ 1,737,466
Groundwater Infrastructure	180,000	180,000	180,000	180,000	180,000	900,000
Site Improvements	12,500	-	-	-	-	12,500
Crystal Valley Storm Sewer Repair	200,000	150,000	150,000	250,000	250,000	1,000,000

Total Expenditures	\$ 718,978	\$ 666,987	\$ 677,493	\$ 788,001	\$ 798,507	\$ 3,649,966
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Funding Sources	2025	2026	2027	2028	2029	Total
Stormwater Charges	\$ 518,978	\$ 516,987	\$ 527,493	\$ 538,001	\$ 548,507	\$ 2,649,966
System Development Fees	200,000	150,000	150,000	250,000	250,000	1,000,000

Total Funding Sources	\$ 718,978	\$ 666,987	\$ 677,493	\$ 788,001	\$ 798,507	\$ 3,649,966
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Operational Impact

No additional operating expenditures or revenues are anticipated as a result of this project.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

WASTEWATER FUND

CASTLE ROCK WATER

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Project Expenditures	2025	2026	2027	2028	2029	Total
General Facilities O&M	\$ 12,500	\$ -	\$ -	\$ -	\$ -	\$ 12,500
Sewer Line Rehabilitation	10,500,000	9,600,000	2,400,000	2,400,000	7,400,000	32,300,000
Security System Improvements	1,500,000	1,000,000	50,000	50,000	50,000	2,650,000
Advanced Metering Infrastructure	362,334	365,583	129,440	133,081	82,466	1,072,904
Total Expenditures by Year	\$12,374,834	\$ 10,965,583	\$ 2,579,440	\$ 2,583,081	\$ 7,532,466	\$ 36,035,404

Project Funding Sources	2025	2026	2027	2028	2029	Total
Wastewater Service Charges	\$12,374,834	\$ 10,965,583	\$ 2,579,440	\$ 2,583,081	\$ 7,532,466	\$ 36,035,404
System Development Fees	-	-	-	-	-	-
Total Funding Sources by Year	\$12,374,834	\$ 10,965,583	\$ 2,579,440	\$ 2,583,081	\$ 7,532,466	\$ 36,035,404

Funding Source information is intended to identify the revenue that is planned to pay for the capital projects included. While additional revenue is anticipated to be received each year, this information identifies only what is necessary to fund the Capital Improvement Program.



Castle Oaks Lift Station - New pump installer

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name

General Facilities O&M

Project Number: Multiple
 Contact: Roy Gallea, Engineering Manager
 Department: Castle Rock Water
 Category: Equipment
 Type: Upgrade
 Useful Life: 20 Years

Description and Justification

These miscellaneous projects are needed to maintain current operational standards at all facilities within the collection system. These replacement and upgrades are only intended for potential operational and maintenance issues that may arise within the given year.

Expenditures	2025	2026	2027	2028	2029	Total
Site Improvements	\$ 12,500	\$ -	\$ -	\$ -	\$ -	12,500
Total Expenditures	\$ 12,500	\$ -	\$ -	\$ -	\$ -	12,500
Funding Sources	2025	2026	2027	2028	2029	Total
Wastewater Service Charges	\$ 12,500	\$ -	\$ -	\$ -	\$ -	12,500
Total Funding Sources	\$ 12,500	\$ -	\$ -	\$ -	\$ -	12,500

Operational Impact

Improvements and replacements to equipment typically result in reduced maintenance costs, which are unknown until project implementation and will be incorporated at that time.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name Sewer Line Rehabilitation

Project Number: 75-62
 Contact: Roy Gallea, Engineering Manager
 Department: Castle Rock Water
 Category: Infrastructure
 Type: Repair
 Useful Life: 50 Years

Description and Justification

This project is intended to rehabilitate or replace existing sewer lines due to age or failing infrastructure. This is an ongoing program and areas of focus are identified annually. The Engineering Division will work with the Operations Division to identify areas that need sewer improvements and coordinate with the Public Works Department to complete projects ahead of the Pavement Maintenance Program to minimize the impact of Townwide roadwork. The sewer rehabilitation program will address the requirements of Environmental Protection Agency's (EPA) Capacity, Management, Operation, and Maintenance (CMOM) programs. Young American Sewer will be replacing aging sanitary infrastructure at the same time we are replacing the aging waterline infrastructure.

Expenditures	2025	2026	2027	2028	2029	Total
Sewer Line Rehab/Replacement	\$ -	\$ 2,400,000	\$ 2,400,000	\$ 2,400,000	\$ 2,400,000	\$ 9,600,000
Yng American Rehab	2,400,000	-	-	-	-	2,400,000
Plum Creek Interceptor Upsize	-	-	-	-	5,000,000	5,000,000
Kinner Street Bottleneck	-	200,000	-	-	-	200,000
PCWRA Rehab/Replacement	1,400,000	-	-	-	-	1,400,000
US85 - Sedalia Lift Station/Force Main	6,700,000	7,000,000	-	-	-	13,700,000
Total Expenditures	\$ 10,500,000	\$ 9,600,000	\$ 2,400,000	\$ 2,400,000	\$ 7,400,000	\$ 32,300,000

Funding Sources	2025	2026	2027	2028	2029	Total
Wastewater Service Charges	\$ 10,500,000	\$ 9,600,000	\$ 2,400,000	\$ 2,400,000	\$ 7,400,000	\$ 32,300,000
Total Funding Sources	\$ 10,500,000	\$ 9,600,000	\$ 2,400,000	\$ 2,400,000	\$ 7,400,000	\$ 32,300,000

Operational Impact

No additional operating expenditures or revenues are anticipated as a result of this project.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name **Security System Improvements**

Project Number: 75-41
 Contact: Mark Marlowe, Director of Castle Rock Water
 Department: Castle Rock Water
 Category: Building
 Type: Upgrade
 Useful Life: 20 Years

Description and Justification

These miscellaneous projects are needed to increase security at wastewater facilities in accordance with the Risk and Resiliency Assessment. The assessment identifies security and system integrity needs that may present a risk to public health and safety. These various projects include installing or replacing electronic access control, locks, and surveillance as needed at all wastewater facilities. Security at all Town of Castle Rock facilities is important for safeguarding investments in infrastructure and ensuring employee safety. Supervisory Control and Data Acquisition (SCADA) upgrades ensure that facilities can be monitored and controlled remotely.

Expenditures	2025	2026	2027	2028	2029	Total
SCADA System Improvement	\$ 1,500,000	\$ 1,000,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 2,650,000
Total Expenditures	\$ 1,500,000	\$ 1,000,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 2,650,000

Funding Sources	2025	2026	2027	2028	2029	Total
Wastewater Service Charges	\$ 1,500,000	\$ 1,000,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 2,650,000
Total Funding Sources	\$ 1,500,000	\$ 1,000,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 2,650,000

Operational Impact

No additional operating expenditures or revenues are anticipated as a result of this project.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name **Advanced Metering Infrastructure**

Project Number: 77-15
 Contact: Nichol Bussey, Business Solutions Manager
 Department: Castle Rock Water
 Category: Infrastructure
 Type: Upgrade
 Useful Life: 20 Years

Description and Justification

This capital project is for design, planning, and implementation of Advanced Metering Infrastructure (AMI). Currently meter reads are performed once a month on the 1st-3rd of every month via drive by technology. This AMI technology would provide radio reads via tower technology with the frequency desired without the need to roll a truck. To reach full implementation and functionality approximately 13k meters would need to be upgraded to smart meter technology. Several Meter Transceiver Units (MXUs), which are the transmitters would also need to be upgraded from “R” radios to “M” radios, approximately 13k units. Staff has already been putting in the smart meters and upgraded MXU’s in each new build as well as replacing existing infrastructure with the new technology as needed. An assumption in the total costs is the rollout of the newest technology for residential accounts called the Ally ¾” Meter. This meter provides remote disconnection and reconnection via tower technology. It not only provides alerts to the customer for water usage, leak detection, pressure and temperature, but also helps identify possible issues in the distribution system. In addition to the replacement of the meters and MXUs, costs also included are for purchase and installation of three towers, three gateway base stations, two remote collectors, demand meter management software and analytics software.

Expenditures	2025	2026	2027	2028	2029	Total
Advanced Metering Infrastructure	\$ 362,334	\$ 365,583	\$ 129,440	\$ 133,081	\$ 82,466	\$ 1,072,904
Total Expenditures	\$ 362,334	\$ 365,583	\$ 129,440	\$ 133,081	\$ 82,466	\$ 1,072,904

Funding Sources	2025	2026	2027	2028	2029	Total
Wastewater Service Charges	\$ 362,334	\$ 365,583	\$ 129,440	\$ 133,081	\$ 82,466	\$ 1,072,904
Total Funding Sources	\$ 362,334	\$ 365,583	\$ 129,440	\$ 133,081	\$ 82,466	\$ 1,072,904

Operational Impact

Recurring costs include annual software maintenance costs and one FTE for an AMI coordinator/meter demand management.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

FLEET SERVICES FUND

PUBLIC WORKS DEPARTMENT

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Project Expenditures	2025	2026	2027	2028	2029	Total
Vehicles and Equipment	\$ 11,409,758	\$ 8,081,873	\$ 2,896,749	\$ 2,560,493	\$ 2,105,033	\$ 27,053,906
Total Expenditures by Year	\$ 11,409,758	\$ 8,081,873	\$ 2,896,749	\$ 2,560,493	\$ 2,105,033	\$ 27,053,906

Project Funding Sources	2025	2026	2027	2028	2029	Total
Vehicle Replacement Contributions	\$ 9,388,866	\$ 7,140,292	\$ 2,457,263	\$ 2,262,186	\$ 1,859,787	\$ 23,108,394
Vehicle Salvage	1,329,288	941,581	337,486	298,307	245,246	3,151,908
Transfers from Other Funds	691,604	-	102,000	-	-	793,604
Total Funding Sources by Year	\$ 11,409,758	\$ 8,081,873	\$ 2,896,749	\$ 2,560,493	\$ 2,105,033	\$ 27,053,906

Funding Source information is intended to identify the revenue that is planned to pay for the capital projects included. While additional revenue is anticipated to be received each year, this information identifies only what is necessary to fund the Capital Improvement Program.

Summary of 2025 Vehicle Additions

Department	Make & Model	Estimated Cost	Justification
Police	Ford Utility	540,000	The Police Department requests six additional vehicle related to the addition of new staff members
Police	Ford Truck	151,604	The Police Department requests two trucks for Community Action Team members.
Total		\$ 691,604	



Castle Rock Police Vehicle in the Fleet Garage

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name

Vehicles and Equipment

Project Number: 70-40
 Contact: John Arney, Fleet Manager
 Department: Public Works Department
 Category: Vehicles
 Useful Life: 4-15 years

Description and Justification

The vehicle replacement program is funded through departmental contributions made to the Fleet Fund, which is an internal service fund intended for replacement and maintenance of Town vehicles and equipment. Departments that operate vehicles and equipment enrolled in the vehicle replacement program budget vehicle replacement contributions annually for the purpose of replacing existing units. The units in the following pages include vehicles scheduled for replacement. However, vehicles and equipment lives may be extended or replaced earlier if necessary. The inflation rate assumed for future vehicle purchases varies by vehicle type, with an average of about three percent. In accordance with the Town's vehicle replacement policy, unit age, usage, and historical maintenance costs are used to determine the replacement timing of vehicles and equipment in the program. The Town uses the best practice method recommended by the American Public Works Association. Other factors include type of use, operating weather conditions, and operating terrain. Once a vehicle has met the replacement criteria, there is a thorough review process by Fleet management, the operating department, and the Fleet Advisory Committee to determine if the vehicle should be replaced, retained for limited use, or to extend the vehicles life cycle. Because vehicles may be equipped with different equipment based upon their usage, the cost for similar vehicles will vary. Additionally, three percent of the total anticipated vehicle purchase amount is budgeted in order to accommodate unforeseen variances in vehicle purchase amounts.

The following pages detail the requested replacements and additions to the Town's fleet by department.

Expenditures	2025	2026	2027	2028	2029	Total
Vehicles & Equipment	\$ 11,409,758	\$ 8,081,873	\$ 2,896,749	\$ 2,560,493	\$ 2,105,033	\$ 27,053,906
Total Expenditures	\$ 11,409,758	\$ 8,081,873	\$ 2,896,749	\$ 2,560,493	\$ 2,105,033	\$ 27,053,906

Funding Sources	2025	2026	2027	2028	2029	Total
Vehicle Replacement Contributions	\$ 9,388,866	\$ 7,140,292	\$ 2,457,263	\$ 2,262,186	\$ 1,859,787	\$ 23,108,394
Vehicle Salvage	1,329,288	941,581	337,486	298,307	245,246	3,151,908
Transfers from Other Funds	691,604	-	102,000	-	-	793,604
Total Funding Sources	\$ 11,409,758	\$ 8,081,873	\$ 2,896,749	\$ 2,560,493	\$ 2,105,033	\$ 27,053,906

Operational Impact

Increases in operational expenditures, including gasoline and maintenance for 2023 are primarily related to vehicle additions, and are estimated to be approximately \$12,000 and budgeted within the appropriate department. Additional amounts are included for operational needs.

2025 Schedule of Vehicle & Equipment Purchase

Department and Vehicle Use	Vehicle Make/Model	Estimated Salvage Value	Estimated Cost *
Facilities Department			
Trucks, Light Duty	Ford F-150	\$ 6,907	\$ 57,562
Trucks, Medium Duty	Ford F-350 SD	5,443	45,359
Vans < 10K GVWR Passenger/Cargo	Ford E-250	4,199	\$ 34,989
Trucks, Light Duty	Ford F-150	8,153	\$ 67,945
Total Facilities Department	4	\$ 24,702	\$ 205,855
Police Department			
SUV, Police Patrol	Ford Utility AWD	9,342	77,850
SUV, Police Patrol	Ford Utility AWD	9,509	79,241
SUV, Police Patrol	Ford Utility AWD	9,674	80,615
SUV, Police Patrol	Ford Utility AWD	7,873	65,611
SUV, Police Patrol	Ford Utility AWD	9,341	77,845
Trucks, Light Duty	Ford F-150 SSV	7,955	66,288
SUV, Police Patrol	Ford Utility AWD	8,837	73,640
SUV, Police Patrol	Ford Utility AWD	6,766	56,386
SUV, Public Safety, Police, Fire	Ford Expedition	8,920	74,337
SUV, Public Safety, Police, Fire	Ford Explorer	6,767	56,393
SUV, Public Safety, Police, Fire	Ford Explorer	6,412	53,431
SUV, Public Safety, Police, Fire	Ford Explorer	7,131	59,426
SUV, Public Safety, Police, Fire	Ford Explorer	7,114	59,282
Vans < 10K GVWR Passenger/Cargo	Ford E-350	4,910	40,917
SUV, Public Safety, Police, Fire	Ford Utility AWD	8,310	69,250
<i>SUV, Police Patrol</i>	<i>Ford Utility AWD</i>	<i>10,800</i>	<i>90,000</i>
<i>SUV, Police Patrol</i>	<i>Ford Utility AWD</i>	<i>10,800</i>	<i>90,000</i>
<i>SUV, Police Patrol</i>	<i>Ford Utility AWD</i>	<i>10,800</i>	<i>90,000</i>
<i>SUV, Police Patrol</i>	<i>Ford Utility AWD</i>	<i>10,800</i>	<i>90,000</i>
<i>SUV, Police Patrol</i>	<i>Ford Utility AWD</i>	<i>10,800</i>	<i>90,000</i>
<i>SUV, Police Patrol</i>	<i>Ford Utility AWD</i>	<i>10,800</i>	<i>90,000</i>
<i>SUV, Public Safety, Police, Fire</i>	<i>Ford F-150</i>	<i>9,096</i>	<i>75,802</i>
<i>SUV, Public Safety, Police, Fire</i>	<i>Ford F-150</i>	<i>9,096</i>	<i>75,802</i>
Total Police Department	23	\$ 118,861	\$ 1,080,512

* Estimated cost is for a planned vehicle, actual cost may be adjusted according to requirements determined by the department

2025 Schedule of Vehicle & Equipment Purchase

Department and Vehicle Use	Vehicle Make/Model	Estimated Salvage Value	Estimated Cost *
Fire Department			
Trucks, Light Duty	Ford F-150	8,114	67,616
Fire, Response, Ambulance	Ford F-450	41,002	341,685
Trucks, Medium Duty	GMC Sierra 2500HD	9,868	82,233
Fire Response, Brush Trucks, Hazmat	Dodge Ram 5500	39,017	325,145
Fire, Response, Ambulance	Ford F-450	40,049	333,745
Equipment, Off-Road, Loaders, Tractors, Graders	John Deere 855D Gator	3,841	32,007
Trucks, Medium Duty	Chevrolet 3500	12,052	100,432
Fire Response, Pumps, Quints, Rescue	KME	179,935	1,499,456
Fire Response, Pumps, Quints, Rescue	KME	237,479	1,978,993
Total Fire Department		9 \$ 141,891	\$ 1,182,431
Transportation Fund			
Heavy Equipment Off-Road, Loaders, Tractors, Graders	John Deer 4720	9,987	83,226
Equipment, Off-Road, Loaders, Tractors, Graders	Caterpillar 143H	56,405	470,042
Equipment, Off-Road, Loaders, Tractors, Graders	Caterpillar CB334D	15,175	126,461
Equipment, Off-Road, Loaders, Tractors, Graders	Caterpillar 930G	34,545	287,875
SUV, General Purpose, Light Duty	Ford F-150	4,528	37,732
Heavy Equipment Off-Road, Loaders, Tractors, Graders	Sullair 260DPQ	3,975	33,121
SUV, General Purpose, Light Duty	Ford F-150	5,413	45,111
Heavy Equipment Off-Road, Loaders, Tractors, Graders	Volvo BL70B	15,976	133,136
Trucks Heavy Duty, Snow Removal, Construction Dumps	International 7400	30,060	250,498
Trucks Heavy Duty, Snow Removal, Construction Dumps	International 7400	28,568	238,069
Trucks Heavy Duty, Snow Removal, Construction Dumps	International 7400	28,568	238,069
Trucks, Med Duty	Ford F-350	8,139	67,824
Trucks Heavy Duty, Snow Removal, Construction Dumps	International 7400	47,523	396,029
Trucks, Med Duty	Ford F-350	8,418	70,151
Heavy Equipment Off-Road, Loaders, Tractors, Graders	Bobcat S570	5,965	49,706
Trucks, Med Duty	Ford F-250	5,614	46,783
Trucks, Med Duty	Ford F-350	8,529	71,078
Total Transportation Fund		17 \$ 317,388	\$ 2,644,912
Fleet Fund			
SUV, General Purpose, Light Duty	Ford Escape	\$ 4,239	\$ 35,322
Total Fleet Department		1 \$ 4,239	\$ 35,322
Parks & Recreation Department			
Equipment, Off-Road, Light duty, Mowers, Carts, Skid Steers, Plows	John Deere HPX 4x4	1,721	14,345
Trucks, Light Duty	Ford F-150	3,987	33,221
Trucks Medium Duty	Ford F-350 SD	7,040	58,663
Equipment, Off-Road, Loaders, Tractors, Graders	Honda TRX500	1,936	16,135
Total Parks & Recreation Department		4 \$ 14,684	\$ 122,364

* Estimated cost is for a planned vehicle, actual cost may be adjusted according to requirements determined by the department

2025 Schedule of Vehicle & Equipment Purchase

Department and Vehicle Use	Vehicle Make/Model	Estimated Salvage Value	Estimated Cost *
Community Center Fund			
Vans < 10K GVWR Passenger/Cargo	Ford E-350	10,343	86,190
Vans < 10K GVWR Passenger/Cargo	Ford E-350	10,343	86,190
Total Community Center Department		2 \$ 20,686	\$ 172,381
Castle Rock Water Department			
Trucks, Light Duty	Ford F-150	4,046	33,718
Sedan General Purpose	Chevrolet Impala	3,807	31,728
Trucks Heavy Duty, Snow Removal, Construction Dumps	International 7500	59,601	496,674
Trucks, Light Duty	Ford F-150	8,015	66,795
SUV, General Purpose, Light Duty	Ford Explorer	5,614	46,782
Trucks, Medium Duty	Ford F-350	10,610	88,416
Trailers Medium, Light	Wacker LTC	2,063	17,189
Trucks Heavy Duty, Snow Removal, Construction Dumps	International 7400	39,369	328,079
Trucks, Light Duty	Ford F-150	7,785	64,879
Trucks, Light Duty	Ford F-150	5,462	45,518
Trucks, Light Duty	Ford F-150	6,966	58,048
Trucks, Medium Duty	Ford F-350	7,409	61,742
Trucks, Light Duty	Ford F-150	7,332	61,102
Trucks, Medium Duty	Ford F-250	6,300	52,503
Total Castle Rock Water Department		14 \$ 174,379	\$ 1,453,173
Total - All Departments		\$ 1,329,288	\$ 11,077,435
3% Contingency			332,323
2025 Vehicle & Equipment Replacement Total		74 \$ 1,329,288	\$ 11,409,758

* Estimated cost is for a planned vehicle, actual cost may be adjusted according to requirements determined by the department

2026 Schedule of Vehicle & Equipment Purchase

Department and Vehicle Use	Vehicle Make/Model	Estimated Salvage Value	Estimated Cost *
Facilities Department			
Vans < 10K GVWR Passenger/Cargo	Ford E-250	\$ 5,274	\$ 43,948
Total Department	1	\$ 5,274	\$ 43,948
Police Department			
SUV, Police Patrol	Ford Utility Interceptor	\$ 9,372	\$ 78,103
SUV, Police Patrol	Ford Utility Interceptor	9,284	\$ 77,365
SUV, Police Patrol	Ford Utility Interceptor	9,030	75,249
SUV, Police Patrol	Ford Utility Interceptor	10,456	87,131
SUV, Police Patrol	Ford Utility Interceptor	9,372	78,103
SUV, Police Patrol	Ford Utility Interceptor	9,276	77,299
SUV, Police Patrol	Ford Utility Interceptor	9,008	75,064
SUV, Police Patrol	Ford Utility Interceptor	9,218	76,817
SUV, Police Patrol	Ford Utility Interceptor	9,244	77,031
SUV, Public Safety, Police, Fire	Ford Explorer	10,170	84,746
SUV, Public Safety, Police, Fire	Ford Explorer	10,473	87,276
SUV, Police Patrol	Ford Utility Interceptor	9,244	77,031
SUV, Police Patrol	Ford Utility Interceptor	9,244	77,031
SUV, Public Safety, Police, Fire	Ford Utility AWD	8,397	69,972
SUV, Police Patrol	Ford Utility Interceptor	9,247	77,061
SUV, Police Patrol	Ford Utility Interceptor	9,395	78,289
SUV, Police Patrol	Ford Utility Interceptor	8,930	74,413
SUV, Public Safety, Police, Fire	Ford Escape	4,118	34,319
SUV, Public Safety, Police, Fire	Ford Utility AWD	9,646	80,387
Trucks, Light Duty	Ford Ranger	6,254	52,119
Equipment, Off-Road, Loaders, Tractors, Graders	Polaris Ranger 800	4,740	39,501
Total Police Department	21	\$ 184,118	\$ 1,534,307
Fire Department			
SUV, Public Safety, Police, Fire	Ford Explorer	5,318	44,318
SUV, Public Safety, Police, Fire	Ford Explorer	5,318	44,318
Trucks Medium Duty	Ford F-350	10,239	85,321
Trucks Medium Duty	Ford F-350	14,007	116,723
Fire, Response, Ambulance	Dodge 550	41,209	343,406
Fire, Response, Ambulance	Ford Expedition	11,789	98,239
Fire Response, Pumps, Quints, Rescue	KME ZZZ	185,141	1,542,844
Total Fire Department	7	\$ 262,385	\$ 2,186,534
Development Services Department			
Trucks Light Duty	Ford F-150	6,912	57,597
SUV, General Purpose, Light Duty	Ford Escape	5,431	45,262
Total Development Services Department	2	\$ 12,343	\$ 102,859

* Estimated cost is for a planned vehicle, actual cost may be adjusted according to requirements determined by the department

2026 Schedule of Vehicle & Equipment Purchase

Department and Vehicle Use	Vehicle Make/Model	Estimated Salvage Value	Estimated Cost *
Transportation Fund			
Specialized Equipment, Other Small Equipment	Target Pro66-36	4,696	39,133
Trucks Heavy Duty, Snow Removal, Construction Dumps	International 7400	47,463	395,522
Trucks Heavy Duty, Snow Removal, Construction Dumps	International 7400	47,512	395,934
Trucks Light Duty	Ford F-150	8,377	69,808
Trucks Light Duty	Ford F-150	7,594	63,287
Medium Duty Equipment, Sweepers	Freightliner M2	46,596	388,302
Trucks, Medium Duty	Ford F-350 SD	9,650	80,417
Trucks Light Duty	Ford F-150	6,346	52,881
Total Transportation Fund		8 \$ 178,234	\$ 1,485,284

* Estimated cost is for a planned vehicle, actual cost may be adjusted according to requirements determined by the department

Fleet Fund

Sedan General Purpose	Ford Fusion-Hybrid	5,649	47,074
Total Fleet Department		1 \$ 5,649	\$ 47,074

Parks & Recreation Department

Trucks, Medium Duty	Ford F-250	6,027	50,226
Equipment, Off-Road, Loaders, Tractors, Graders	Sullair 200H-DPQ	3,685	30,707
Trucks, Medium Duty	Ford F-350	8,515	70,961
Equipment, Off-Road, Loaders, Tractors, Graders	Bobcat S570	6,628	55,235
Equipment, Off-Road, Light duty, Mowers, Carts, Skid Steers, Plows	Toro 4300-D	10,890	90,754
Equipment, Off-Road, Loaders, Tractors, Graders	Kubota	1,602	13,346
Trucks Light Duty	Ford F-150	8,393	69,944
Trucks Light Duty	Ford F-150	4,704	39,198
Trucks Light Duty	Ford F-150	6,227	51,888
Equipment, Off-Road, Light duty, Mowers, Carts, Skid Steers, Plows	Toro	9,236	76,970
Trucks, Light Duty	Chevrolet Colorado	4,941	41,172
Trucks, Medium Duty	Ford F-250	5,368	44,733
Trucks, Medium Duty	Ford F-250	7,904	65,864
Trucks, Medium Duty	Ford F-250	7,902	65,854
Trucks, Light Duty	Chevrolet Colorado	5,522	46,019
Equipment, Off-Road, Loaders, Tractors, Graders	Vermeer	6,684	55,701
Equipment, Off-Road, Mower	Z Master 5000	1,851	15,424
Total Parks & Recreation Department		17 \$ 106,079	\$ 883,996

* Estimated cost is for a planned vehicle, actual cost may be adjusted according to requirements determined by the department

2026 Schedule of Vehicle & Equipment Purchase

Department and Vehicle Use	Vehicle Make/Model	Estimated Salvage Value	Estimated Cost *
Castle Rock Water Department			
Equipment, Off-Road, Light Duty, Mowers, Carts, Skid Steers, Plows	Chevrolet C-5500	18,539	154,492
Trucks Light Duty	Ford F-150	4,331	36,089
Trucks, Medium Duty	International Terrastar	13,843	115,358
Trucks Light Duty	Ford F-150	4,287	35,726
Trucks Light Duty	Ford F-150	5,491	45,754
Trailers Medium, Light	Cornell	16,120	134,331
Equipment, Off-Road, Loaders, Tractors, Graders	Octane	4,529	37,742
Trucks Light Duty	Ford F-150	4,334	36,115
Equipment, Off-Road, Loaders, Tractors, Graders	Bobcat S570	6,471	53,926
Trucks Light Duty	Ford F-250	6,602	55,019
Trucks Light Duty	Ford F-150	5,810	48,415
Trucks Light Duty	Ford F-150	8,263	68,858
SUV, General Purpose, Light Duty	Toyota RAV4	4,471	37,258
Trucks Light Duty	Ford F-150	4,319	35,989
Trucks Light Duty	Ford F-150	4,319	35,989
Trucks Light Duty	Ford F-150	4,938	41,149
Trucks Light Duty	Ford F-150	4,319	35,989
Trailers Medium, Light	Haulmark	4,123	34,356
Equipment, Off-Road, Loaders, Tractors, Graders	Vermeer S8000TX	4,685	39,045
Trucks Light Duty	Chevrolet Colorado	4,443	37,022
Trucks Light Duty	Ford F-150	5,827	48,561
Trucks Light Duty	Ford F-150	7,593	63,275
Trucks, Med Duty	Ford F-350	9,152	76,264
Trucks, Med Duty	Ford F-350	7,506	62,550
Trucks Light Duty	Ford F-150	6,911	57,591
Trucks, Med Duty	Ford F-350	10,911	90,926
Total Castle Rock Water Department		26 \$ 182,137	\$ 1,517,789
Total - All Departments		\$ 941,581	\$ 7,846,479
3% Contingency			235,394
2026 Vehicle & Equipment Replacement Total		83 \$ 941,581	\$ 8,081,873

* Estimated cost is for a planned vehicle, actual cost may be adjusted according to requirements determined by the department

2027 Schedule of Vehicle & Equipment Purchase

Department and Vehicle Use	Vehicle Make/Model	Estimated Salvage Value	Estimated Cost *
Facilities Department			
Trucks Heavy Duty	Ford F-550	\$ 20,448	\$ 170,401
<i>Trucks, Medium Duty</i>	<i>Ford F-350</i>	<i>12,240</i>	<i>102,000</i>
Total Facilities Department	2	\$ 32,688	\$ 272,401
DoIT Department			
Trucks, Light Duty	Ford F-150	5,976	49,800
SUV, General Purpose, Light Duty	Ford Escape	4,029	33,575
Total DoIT Department	2	\$ 10,005	\$ 83,375
Police Department			
SUV, Police Patrol	Ford Utility Interceptor	10,612	88,433
SUV, Police Patrol	Ford Utility Interceptor	10,715	89,290
SUV, Police Patrol	Ford Utility Interceptor	10,671	88,921
SUV, Police Patrol	Ford Utility Interceptor	10,715	89,290
SUV, Police Patrol	Ford Utility Interceptor	10,671	88,921
SUV, Public Safety, Police, Fire	For Expedition	9,251	77,092
Total Police Department	4	\$ 42,772	\$ 521,946
Fire Department			
Trucks Medium Duty	Chevrolet 1500	9,341	77,843
SUV, Public Safety, Police, Fire	Chevrolet Tahoe	8,979	74,824
SUV, Public Safety, Police, Fire	Ford Explorer	7,142	59,517
Total Fire Department	3	\$ 25,462	\$ 212,184
Transportation Fund			
Medium Duty Equipment, Sweepers	Freightliner M2106	41,241	343,679
Trucks Heavy Duty, Snow Removal, Construction Dumps	International 7400	54,126	451,050
Equipment, Off-Road, Loaders, Tractors, Graders	Crafco SS125	7,926	66,054
Trucks Light Duty	Ford F-150	5,246	43,715
Total Transportation Fund	4	\$ 108,539	\$ 904,498

* Estimated cost is for a planned vehicle, actual cost may be adjusted according to requirements determined by the department

2027 Schedule of Vehicle & Equipment Purchase

Department and Vehicle Use	Vehicle Make/Model	Estimated Salvage Value	Estimated Cost *
Parks & Recreation Department			
SUV, General Purpose, Medium Duty	Ford Expedition	\$ 5,874	\$ 48,954
Trucks Light Duty	Chevrolet Colorado	5,053	42,106
Trucks Light Duty	Ford F-150	4,664	38,865
Trucks Light Duty	Ford F-150	7,545	62,871
Trucks, Medium Duty	Ford F-250	8,317	69,312
Trucks, Medium Duty	Ford F-250	8,597	71,642
Equipment, Off-Road, Loaders, Tractors, Graders	Graco	2,335	19,460
Trucks Light Duty	Chevrolet Colorado	6,206	51,720
Z master	x	2,162	18,018
Total Parks & Recreation Department		9 \$ 50,753	\$ 422,948
Community Center Fund			
Vans < 10K GVWR Passenger/Cargo	Ford Transit	10,343	86,190
Vans < 10K GVWR Passenger/Cargo	Ford Transit	10,343	86,190
Total Community Center Department		2 \$ 20,686	\$ 172,381
Castle Rock Water Department			
Trucks, Medium Duty	Ford F-250	6,817	56,810
Trucks Light Duty	Chevrolet Colorado	4,809	40,077
Trucks Light Duty	Chevrolet Colorado	4,760	39,664
Trucks Light Duty	Chevrolet Colorado	4,760	39,664
Trucks Light Duty	Chevrolet Colorado	4,320	36,002
Equipment, Off-Road, Loaders, Tractors, Graders	Reliable HPU-2000	1,252	10,430
Total Castle Rock Water Department		6 \$ 26,718	\$ 222,647
Total - All Departments		\$ 337,486	\$ 2,812,379
3% Contingency			84,370
2027 Vehicle & Equipment Replacement Total		32 \$ 337,486	\$ 2,896,749

* Estimated cost is for a planned vehicle, actual cost may be adjusted according to requirements determined by the department

2028 Schedule of Vehicle & Equipment Purchase

Department and Vehicle Use	Vehicle Make/Model	Estimated Salvage Value	Estimated Cost *
Facilities Department			
Trucks Medium Duty	Ford F-350	\$ 12,714	\$ 105,951
Total Facilities Department	1	\$ 12,714	\$ 105,951
DoIT Department			
SUV, General Purpose, Light Duty	Ford Escape	4,493	37,442
Total DoIT Department	1	\$ 4,493	\$ 37,442
Police Department			
SUV, Police Patrol	Ford Utility Interceptor	10,839	90,325
SUV, Police Patrol	Ford Utility Interceptor	10,892	90,770
SUV, Police Patrol	Ford Utility Interceptor	10,677	88,977
SUV, Police Patrol	Ford Utility Interceptor	9,747	81,221
SUV, Police Patrol	Ford Utility Interceptor	11,232	93,603
Trucks, Light Duty	Ford F-150 SSV	8,521	71,010
Trucks, Light Duty	Ford F-150 SSV	7,746	64,553
SUV, Police Patrol	Ford Utility Interceptor	7,325	61,045
SUV, Public Safety, Police, Fire	Ford Expedition	9,830	81,919
Total Police Department	9	\$ 86,809	\$ 723,421
Fire Department			
SUV, Public Safety, Police, Fire	Chevrolet Tahoe	9,224	76,870
Fire, Response, Ambulance	Ford F550	35,709	297,579
Total Fire Department	2	\$ 44,933	\$ 374,449
Development Services Department			
Trucks Light Duty	Ford F-150	7,561	63,010
Total Development Services Department	1	\$ 7,561	\$ 63,010

* Estimated cost is for a planned vehicle, actual cost may be adjusted according to requirements determined by the department

2028 Schedule of Vehicle & Equipment Purchase

Department and Vehicle Use	Vehicle Make/Model	Estimated Salvage Value	Estimated Cost *
Transportation Fund			
Trucks Heavy Duty	Ford F-550	\$ 2,693	\$ 22,438
Equipment, Off-Road, Loaders, Tractors, Graders	Graco LLV	1,354	11,284
Equipment, Off-Road, Loaders, Tractors, Graders	Graco LLV	1,354	11,284
Vehicle Additions; Trucks Heavy Duty, Snow Removal, Construction Dump: International 7400		59,558	496,317
Total Transportation Fund		4 \$ 64,959	\$ 541,323
Parks & Recreation Department			
Trucks Medium Duty	Ford F-350	10,915	90,958
Equipment, Off-Road, Mowers, Carts, Skid Steers, Plows	John Deere 4066	11,541	96,175
Total Parks & Recreation Department		2 \$ 22,456	\$ 187,133
Castle Rock Water Department			
Trucks, Medium Duty	Ford F-150	7,766	64,718
Trucks Light Duty	Chevrolet Colorado	4,827	40,224
Trucks Light Duty	Chevrolet Colorado	4,866	40,548
Trucks, Medium Duty	Ford F-250	7,024	58,530
Trucks, Light Duty	Ford F-150	9,931	82,761
Trucks, Heavy Duty	Ford F-550	12,800	106,669
Equipment, Off-Road, Light duty, Mowers, Carts, Skid Steers, Plows	K&W	7,168	59,737
Total Castle Rock Water Department		7 \$ 54,382	\$ 453,187
Total - All Departments		\$ 298,307	\$ 2,485,916
3% Contingency			74,577
2028 Vehicle & Equipment Replacement Total		27 \$ 293,814	\$ 2,560,493

* Estimated cost is for a planned vehicle, actual cost may be adjusted according to requirements determined by the department

2029 Schedule of Vehicle & Equipment Purchase

Department and Vehicle Use	Vehicle Make/Model	Estimated Salvage Value	Estimated Cost *
Police Department			
SUV, Police Patrol	Ford Utility AWD	10,677	88,977
SUV, Police Patrol	Ford Utility AWD	11,223	93,521
SUV, Public Safety, Police, Fire	Ford F-150	8,787	73,223
SUV, Police Patrol	Ford Utility Interceptor	9,372	78,099
Total Police Department		4 \$ 40,059	\$ 333,820
Fire Department			
SUV, Public Safety, Police, Fire	Chevrolet Tahoe	9,758	81,318
SUV, Public Safety, Police, Fire	Ford Escape	5,053	42,108
SUV, Public Safety, Police, Fire	Chevrolet Tahoe	9,765	81,377
SUV, Public Safety, Police, Fire	Chevrolet 2500	9,247	77,058
Total Fire Department		4 \$ 33,823	\$ 281,860
Transportation Fund			
Equipment, Off-Road, Loaders, Tractors, Graders	Keizer-Morris	\$ 6,244	\$ 52,033
Equipment, Off-Road, Loaders, Tractors, Graders	Crafco SS250	9,614	80,120
Heavy Equipment Off-Road, Loaders, Tractors, Graders	John Deere 825I	3,007	25,061
Equipment, Off-Road, Loaders, Tractors, Graders	Graco	1,422	11,851
Heavy Equipment Off-Road, Loaders, Tractors, Graders	John Deere	3,601	30,006
Total Transportation Fund		5 \$ 23,888	\$ 199,071
Fleet Fund			
Trucks, Light Duty	Ford Ranger	\$ 4,953	\$ 41,272
Total Fleet Department		1 \$ 4,953	\$ 41,272
Parks & Recreation Department			
Trailers Medium, Light	Vermeer BC1400	8,790	73,251
New Holland	New Holland TS6	19,212	160,098
New Holland	New Holland Boomer	7,319	60,990
Trucks, Medium Duty	Ford F-350	6,327	52,725
Equipment, Off-Road, Loaders, Tractors, Graders	Bobcat	6,321	52,679
Equipment, Off-Road, Loaders, Tractors, Graders	Bobcat	9,921	82,673
Trucks, Medium Duty	Ford F-350	10,357	86,310
Equipment, Off-Road, Mower	Z Master	2,103	17,528
Equipment, Off-Road, Mowers, Carts, Skid Steers, Plows	Kohler	1,721	14,342
Equipment, Off-Road, Mower	Z Master	2,103	17,528
Total Parks & Recreation Department		10 \$ 74,174	\$ 618,123
Golf Department			
Trucks, Light Duty	Chevrolet Colorado	5,244	43,703
Total Golf Department		1 \$ 5,244	\$ 43,703

* Estimated cost is for a planned vehicle, actual cost may be adjusted according to requirements determined by the department

2029 Schedule of Vehicle & Equipment Purchase

Department and Vehicle Use	Vehicle Make/Model	Estimated Salvage Value	Estimated Cost *
Castle Rock Water Department			
Trucks, Light Duty	Ford F-150	5,611	46,758
Trucks, Light Duty	Ford F-150	7,755	64,623
Trucks, Light Duty	Chevrolet Colorado	5,176	43,134
Trucks, Light Duty	Ford F-150	6,364	53,035
Trailers Medium, Light	Wacker LTV8K	1,677	13,977
Heavy Equipment Off-Road, Loaders, Tractors, Graders	Catepillar 299D2	15,827	131,888
Heavy Equipment Off-Road, Loaders, Tractors, Graders	Catepillar 308E2	20,695	172,459
Total Castle Rock Water Department		7 \$ 63,105	\$ 525,872
Total - All Departments		\$ 245,246	\$ 2,043,722
3% Contingency			61,311
2029 Vehicle & Equipment Replacement Total		32 \$ 245,246	\$ 2,105,033

* Estimated cost is for a planned vehicle, actual cost may be adjusted according to requirements determined by the department

2025-2029 CAPITAL IMPROVEMENT PROGRAM

GOLF FUND

PARKS & RECREATION DEPARTMENT

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Project Expenditures	2025	2026	2027	2028	2029	Total
Clubhouse Upgrades	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Red Hawk Ridge Maintenance Equipment	-	-	850,000	-	-	850,000
Red Hawk Ridge Golf Carts	-	-	-	799,250	-	799,250
Irrigation System Replacement	400,000	-	-	5,000,000	-	5,400,000
Red Hawk Ridge Parking Lot Repairs	-	66,776	81,886	-	-	148,662
Total Expenditures by Year	\$ 400,000	\$ 66,776	\$ 931,886	\$ 5,799,250	\$ -	\$ 7,197,912

Project Funding Sources	2025	2026	2027	2028	2029	Total
Charges for Service	\$ 400,000	\$ 66,776	\$ 931,886	\$ 1,799,250	\$ -	\$ 3,197,912
Bond	-	-	-	4,000,000	-	4,000,000
Total Funding Sources by Year	\$ 400,000	\$ 66,776	\$ 931,886	\$ 5,799,250	\$ -	\$ 7,197,912

Funding Source information is intended to identify the revenue that is planned to pay for the capital projects included. While additional revenue is anticipated to be received each year, this information identifies only what is necessary to fund the Capital Improvement Program.



Red Hawk Ridge Golf Course

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name **Red Hawk Ridge Maintenance Equipment**

Project Number: 70-30
 Contact: Brian Erickson, Head Golf Professional
 Department: Golf
 Category: Equipment
 Type: New
 Useful Life: 5-10 Years

Description and Justification

The typical lifespan for golf course maintenance equipment used on a regular basis is approximately five years. Some less frequently used equipment can last more than 10 years. Since golf course conditions are typically the most important factor for most golfers, having reliable equipment that produces a quality product is critical for the long-term health of the Golf Course Fund. Having reliable maintenance equipment also allows staff to provide a consistent product with minimal risk of failure and/or catastrophic turf damage. Staff will continue to perform necessary preventative maintenance to extend the life of the equipment as long as possible/feasible and will adjust replacement schedules accordingly.

Expenditures	2025	2026	2027	2028	2029	Total
Equipment	\$ -	\$ -	\$ 850,000	\$ -	\$ -	\$ 850,000
Total Expenditures	\$ -	\$ -	\$ 850,000	\$ -	\$ -	\$ 850,000

Funding Sources	2025	2026	2027	2028	2029	Total
Charges for Service	\$ -	\$ -	\$ 850,000	\$ -	\$ -	\$ 850,000
Total Funding Sources	\$ -	\$ -	\$ 850,000	\$ -	\$ -	\$ 850,000

Operational Impact

No additional operational impact is expected as ongoing equipment maintenance is in the current budget.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name **Red Hawk Ridge Golf Carts**

Project Number: 70-30
 Contact: Brian Erickson, Head Golf Professional
 Department: Golf
 Category: Equipment
 Type: New
 Useful Life: Four years

Description and Justification

The existing cart fleet lease at Red Hawk Ridge will end in 2027. In time, the fleet will show signs of wear and tear due to ongoing demands and usage. In order to maintain high product quality and service levels, it is imperative that the golf cart fleet also maintains the same high standard that golfers have come to expect from Red Hawk Ridge. The General Fund will pay for the new golf carts outright and the Golf Fund will payback the General Fund through an interfund loan over the course of 4 years.

Expenditures	2025	2026	2027	2028	2029	Total
Equipment	\$ -	\$ -	\$ -	\$ 799,250	\$ -	\$ 799,250
Total Expenditures	\$ -	\$ -	\$ -	\$ 799,250	\$ -	\$ 799,250

Funding Sources	2025	2026	2027	2028	2029	Total
Charges for Service	\$ -	\$ -	\$ -	\$ 799,250	\$ -	\$ 799,250
Total Funding Sources	\$ -	\$ -	\$ -	\$ 799,250	\$ -	\$ 799,250

Operational Impact

Due to the purchase of these Golf Carts, the cart rental fee will increase by \$2 a rental which will generate about \$94,000 of additional revenue for the golf course.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name Irrigation System Replacement

Project Number: 70-30
 Contact: Brian Erickson, Head Golf Professional
 Department: Golf
 Category: Equipment
 Type: New
 Useful Life: 30 years

Description and Justification

The original irrigation system at the golf course was installed in 1999 and will be approximately 30 years old by the time of replacement scheduled in 2028, which is a common time frame to replace systems. The project will require a significant down payment, and the remainder of the purchase will be financed through a bond. The old system has run its course and an updated irrigation system will ensure precise and efficient water distribution and maintain optimal course conditions for playability and aesthetics.

Expenditures	2025	2026	2027	2028	2029	Total
Pump Stations	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ 400,000
Irrigation System		-	-	5,000,000	-	5,000,000
Total Expenditures	\$ 400,000	\$ -	\$ -	\$ 5,000,000	\$ -	\$ 5,400,000

Funding Sources	2025	2026	2027	2028	2029	Total
Charges for Service	\$ 400,000	\$ -	\$ -	\$ 1,000,000	\$ -	\$ 1,400,000
Bond	-	-	-	4,000,000	-	4,000,000
Total Funding Sources	\$ 400,000	\$ -	\$ -	\$ 5,000,000	\$ -	\$ 5,400,000

Operational Impact

The operational impact of this project will be unknown until complete.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name **Red Hawk Ridge Parking Lot Repairs**

Project Number: 70-10
 Contact: Brian Erickson, Head Golf Professional
 Department: Golf
 Category: Building
 Type: Repair
 Useful Life: 5-10 Years

Description and Justification

Red Hawk Ridge’s parking lot is assessed by the Public Works Department annually to implement needed repairs on the maintenance schedule. The parking lot’s north half will be repaired in 2026 and the south half in 2027.

Expenditures	2025	2026	2027	2028	2029	Total
Parking Lots	\$ -	\$ 66,776	\$ 81,886	\$ -	\$ -	\$ 148,662
Total Expenditures	\$ -	\$ 66,776	\$ 81,886	\$ -	\$ -	\$ 148,662

Funding Sources	2025	2026	2027	2028	2029	Total
Charges for Service	\$ -	\$ 66,776	\$ 81,886	\$ -	\$ -	\$ 148,662
Total Funding Sources	\$ -	\$ 66,776	\$ 81,886	\$ -	\$ -	\$ 148,662

Operational Impact

No additional operational impact is expected as ongoing equipment maintenance is in the current budget.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

COMMUNITY CENTER FUND

PARKS & RECREATION DEPARTMENT

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Project Expenditures	2025	2026	2027	2028	2029	Total
Miller Activity Complex Pool Updates	\$ -	\$ -	\$ 100,000	\$ 100,000	\$ 250,000	\$ 450,000
Recreation Center Pool Updates	200,000	-	-	360,000	250,000	810,000
Locker Rooms Remodel	-	-	300,000	-	-	300,000
Recreation Center Sign Replacement	-	100,000	-	-	-	100,000
Fitness Equipment Replacement	80,000	350,000	-	-	-	430,000
Total Expenditures by Year	\$ 280,000	\$ 450,000	\$ 400,000	\$ 460,000	\$ 500,000	\$ 2,090,000

Project Funding Sources	2025	2026	2027	2028	2029	Total
Sales Tax	\$ 280,000	\$ 450,000	\$ 400,000	\$ 460,000	\$ 500,000	\$ 2,090,000
Total Funding Sources by Year	\$ 280,000	\$ 450,000	\$ 400,000	\$ 460,000	\$ 500,000	\$ 2,090,000

Funding Source information is intended to identify the revenue that is planned to pay for the capital projects included. While additional revenue is anticipated to be received each year, this information identifies only what is necessary to fund the Capital Improvement Program.



Castle Rock Recreation Center

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name Miller Activity Complex Pool Updates

Project Number: 70-20
 Contact: Mike Kilman, Recreation Manager
 Department: Parks & Recreation Department
 Category: Equipment
 Type: Replacement
 Useful Life: 20 Years

Description and Justification

The MAC is requesting the replacement of a roll up door to the outside patio area. Over the past 10 years, this door has been repaired multiple times and has reached the end of it's useful lifecycle. Replacement is necessary to maintain the safety of patrons if the door is to remain in use.

The MAC pool deck concrete has reached the point where the texture of the cement has worn to a smooth service in high traffic areas. The smooth service becomes slippery when wet and is not safe a pool environment. A high quality textured coating will address the slip risk and provide a safe environment for our patrons.

All pool facilities, except the leisure pool at the Miller Activity Complex (MAC) within the Town of Castle Rock have a backup boiler to maintain a high level of customer service, as well as extend the life of the main boiler. The leisure pool at the Miller Activity Complex (MAC) only has one boiler. If the boiler at the MAC was to fail and be offline it could force the pool to be close and result in possible revenue losses. The new backup boiler would allow the pool to continue to operate while maintenance and repairs are being done on the main boiler.

Expenditures	2025	2026	2027	2028	2029	Total
Roll Up Pool Door	\$ -	\$ -	\$ 100,000		\$ -	\$ 100,000
Concrete Texture Pool Deck	-	-	-	100,000	-	100,000
Back Up Boiler	-	-	-	-	250,000	250,000
Total Expenditures	\$ -	\$ -	\$ 100,000	\$ 100,000	\$ 250,000	\$ 450,000

Funding Sources	2025	2026	2027	2028	2029	Total
Sales Tax	\$ -	\$ -	\$ 100,000	\$ 100,000	\$ 250,000	\$ 450,000
Total Funding Sources	\$ -	\$ -	\$ 100,000	\$ 100,000	\$ 250,000	\$ 450,000

Operational Impact

Replacing this unit with a newer, more energy efficient unit is expected to reduce costs for both maintenance and operations. Any savings will be determined after the new unit is in service and will be reflected in future budget requests.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name **Recreation Center Pool Updates**

Project Number: 70-20
 Contact: Mike Kilman, Recreation Manager
 Department: Parks & Recreation Department
 Category: Equipment
 Type: Replacement
 Useful Life: 15+ Years

Description and Justification

The filters on the Recreation Center lap pool are original to the building. Sand filters such as the filters in the lap pool typically last 15-25 years. Built in 2006, the filters are now over 15 years old. The filters operate in a caustic environment and have reached the end of their functional life cycle. The current filters leak and are difficult to maintain water pressure when conducting routine maintenance. They have become unreliable and require multiple staff to operate. The purchase of a new filtration system will last an expected 15-25 years if properly maintained.

The Recreation Center leisure pool play structure was installed in 2006. The structure is a critical feature of the Recreation Center which allows the aquatics facility to be accessible to younger ages who are yet to be strong swimmers year round. The current structure has reached the end of it's useful lifecycle. The lifecycle varies as manufactures make replacement parts. With the current structure, pieces have failed due to heavy use and corrosion. It has become impossible to source replacements. In order to maintain a safe and reliable environment, the structure must be replaced. A new structure would allow for parts to be replaced and allow for an anticipated useful lifespan of 10-15 years.

Expenditures	2025	2026	2027	2028	2029	Total
Recreation Filters	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000
Recreation Center Pool Play Structure	-	-	-	200,000	-	200,000
Recreation Leisure Pool Deck Door	-	-	-	-	250,000	250,000
Recreation Lap Pool DHU and RTU	-	-	-	160,000	-	160,000
Total Expenditures	\$ 200,000	\$ -	\$ -	\$ 360,000	\$ 250,000	\$ 810,000

Funding Sources	2025	2026	2027	2028	2029	Total
Sales Tax	\$ 200,000	\$ -	\$ -	\$ 360,000	\$ 250,000	\$ 810,000
Total Funding Sources	\$ 200,000	\$ -	\$ -	\$ 360,000	\$ 250,000	\$ 810,000

Operational Impact

No future expenditures are anticipated as a result of this project. By keeping the amenities in good working condition and updating when necessary, these general improvements contribute to the overall facility and may attract additional patronage.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name Locker Rooms Remodel

Project Number: 70-20
 Contact: Mike Kilman, Recreation Manager
 Department: Parks & Recreation Department
 Category: Equipment
 Type: Replacement
 Useful Life: 15+ Years

Description and Justification

The Recreation Center locker rooms were last renovated over 15 years ago. The flooring in the locker rooms is now stained from underneath due to moisture and gives the appearance of being unsanitary. In addition to the flooring damage, the lockers have reached the end of their useful life and have begun rusting.

Expenditures	2025	2026	2027	2028	2029	Total
Recreation Center Locker Rooms	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ 300,000
Total Expenditures	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ 300,000
Funding Sources	2025	2026	2027	2028	2029	Total
Sales Tax	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ 300,000
Total Funding Sources	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ 300,000

Operational Impact

No future expenditures are anticipated as a result of this project. By keeping the amenities in good working condition and updating when necessary, these general improvements contribute to the overall facility and may attract additional patronage.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name **Recreation Center Sign Replacement**

Project Number: 70-20
 Contact: Mike Kilman, Recreation Manager
 Department: Parks & Recreation Department
 Category: Infrastructure
 Type: Replacement
 Useful Life: 15+ Years

Description and Justification

The sign in front of the Community Recreation Center is original to the building (1988). Over the last 35 years the sign has been weathered and vandalized to the point where pieces of the lettering are missing, coloring has faded and branding has become outdated. The original electrical lighting in the sign no longer functions. A new sign would create a professional and consistent look to welcome patrons and guests to a primary community hub of our community.

Expenditures	2025	2026	2027	2028	2029	Total
Recreation Center Sign Replacement	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000
Total Expenditures	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000

Funding Sources	2025	2026	2027	2028	2029	Total
Sales tax	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000
Total Funding Sources	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000

Operational Impact

No future expenditures are anticipated as a result of this project. By keeping the amenities in good working condition and updating when necessary, these general improvements contribute to the overall facility and may attract additional patronage.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name **Fitness Equipment Replacement**

Project Number: 70-30
 Contact: Mike Kilman, Recreation Manager
 Department: Parks & Recreation Department
 Category: Equipment
 Type: Replacement
 Useful Life: 3 Years

Description and Justification

Over the past years, the selectorized equipment has been heavily used by community members working out at the Recreation Center. This constant usage has led to a decrease in reliability of the equipment which has resulted in more frequent down time for the equipment, and frustration for patrons. The current line of equipment is at the end of its functional lifespan. It is time to replace the equipment to ensure a safe and reliable environment for our patrons. The equipment has an anticipated life cycle of 7-8 years.

In order to provide a safe and functional workout experience, the Parks and Recreation department has begun an eight year purchasing cycle to avoid increased costs for labor to maintain aging equipment and prevent increased time equipment is out of order. This has allowed the Town to increase its purchasing power by trading in aging equipment before it has completely depreciated. Free weights are scheduled to be replaced in 2025 as they are reaching their end of functional lifespan as well.

Expenditures	2025	2026	2027	2028	2029	Total
Free Weight/Circuit	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ 80,000
Cardio and Spin Equipment Replacement	-	350,000	-	-	-	350,000
Total Expenditures	\$ 80,000	\$ 350,000	\$ -	\$ -	\$ -	\$ 430,000

Funding Sources	2025	2026	2027	2028	2029	Total
Sales Tax	\$ 80,000	\$ 350,000	\$ -	\$ -	\$ -	\$ 430,000
Total Funding Sources	\$ 80,000	\$ 350,000	\$ -	\$ -	\$ -	\$ 430,000

Operational Impact

No future expenditures are anticipated as a result of this project. By keeping the amenities in good working condition and updating when necessary, these general improvements contribute to the overall facility and may attract additional patronage.

2025-2029 CAPITAL IMPROVEMENT PROGRAM

FIRE CAPITAL FUND

FIRE DEPARTMENT

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Project Expenditures	2025	2026	2027	2028	2029	Total
Station 156 Construction	\$ 6,300,000	\$ -	\$ -	\$ -	\$ -	\$ 6,300,000
Total Expenditures by Year	\$ 6,300,000	\$ -	\$ -	\$ -	\$ -	\$ 6,300,000

Project Funding Sources	2025	2026	2027	2028	2029	Total
Interfund Loan	\$ 6,000,000	\$ -	\$ -	\$ -	\$ -	\$ 6,000,000
Impact Fees	300,000	-	-	-	-	300,000
Total Funding Sources by Year	\$ 6,300,000	\$ -	\$ -	\$ -	\$ -	\$ 6,300,000

Funding Source information is intended to identify the revenue that is planned to pay for the capital projects included. While additional revenue is anticipated to be received each year, this information identifies only what is necessary to fund the Capital Improvement Program.



Castle Rock Fire Truck 151

2025-2029 CAPITAL IMPROVEMENT PROGRAM

Project Name **Station 156 Construction**

Project Number: 78-18
 Contact: Norris Croom, Fire Chief
 Department: Fire Department
 Category: Building
 Type: New
 Useful Life: 50 Years

Description and Justification

Based upon call for service projections, Planning Zone 6 (Castle Oaks, Terrain, Liberty Village and Cobblestone Ranch neighborhoods) will reach the planning threshold for new station consideration currently scheduled to open in 2025/2026.

The requested partial funding is for the construction of the station. The remainder of the funding is expected to come from a future COP which will be added into the budget when details are solidified. Staffing for this station will be funded out of the General Fund Fire Department. This aligns with the Strategic Priority of Council by ensuring outstanding public safety, and this will allow the department to maintain our level of service in this specific planning zone.

Expenditures	2025	2026	2027	2028	2029	Total
Station 156 Construction	\$ 6,300,000	\$ -	\$ -	\$ -	\$ -	\$ 6,300,000
Total Expenditures	\$ 6,300,000	\$ -	\$ -	\$ -	\$ -	\$ 6,300,000

Funding Sources	2025	2026	2027	2028	2029	Total
Interfund Loan	\$ 6,000,000	\$ -	\$ -	\$ -	\$ -	\$ 6,000,000
Impact Fees	300,000	-	-	-	-	300,000
Total Funding Sources	\$ 6,300,000	\$ -	\$ -	\$ -	\$ -	\$ 6,300,000

Operational Impact

This station has operations budgeted of \$2.5 million in the General Fund starting in 2026.