



CAPITAL IMPROVEMENT PROGRAM

The Capital Improvement Program (CIP) is a comprehensive five-year program that projects the financing and construction of major durable and fixed assets, such as streets, buildings, parks and water and sewer lines. The first two years of the CIP are the appropriated capital budgets for the respective adopted two-year budget.

The total CIP continues to reflect an effort to move forward on many capital improvement fronts to address the City's needs as well as enhance community quality of life. These improvements benefit existing and future citizens and businesses by rehabilitating, improving and enhancing community amenities. Throughout the 2017/2018 budget development process, Staff worked to strike a balance between capital and operating needs, and the CIP reflects these efforts. Overall, due to significant carryover funds being available in 2017 due to expenditure savings in 2015 and revenues producing more than originally anticipated, the 2017 CIP is significantly higher than 2018 due to effects of carryover. Staff does anticipate additional carryover in 2018, but will revisit that after the annual audit is complete with the mid-year budget review.

The CIP is classified in two major categories according to fund type, the General Capital Improvements (funded by governmental funds) and Utility Fund (a proprietary fund). Proprietary funds differ from governmental funds in that the proprietary funds operate similar to private business enterprises; for example, Utility Fund activities are primarily funded by rates and fees charged to the users of the system. In contrast, governmental funds typically include taxes as a revenue source.

General Capital Improvement Fund (GCIF) Overview

General capital improvement projects include general improvements, public safety improvements and parks, recreation and libraries improvements. In addition to unrestricted funds, revenue sources also include a component of restricted funds, which are limited to specific uses such as public safety and open space purposes.

A total of 87 general capital improvement projects are funded in 2017 at a cost of \$33,249,000. A total of 82 general capital improvement projects are funded in 2018 at a cost of \$17,807,000. All GCIF projects in 2017 and in 2018 will be funded on a "pay-as-you-go" basis and do not include the use of debt financing.

General and Public Safety Improvements - The revenues that fund this category of projects include Adams County Road sales tax, interest earnings, cash-in-lieu payments for future projects by developers, miscellaneous income, carryover and transfer payments from the Westminster Economic Development Authority (WEDA) and the Sales and Use Tax Fund.

- The Adams County Road sales tax is based on a 2006 voter approved extension of sales tax from 2009 through 2028, of which 0.2% is dedicated for transportation projects and a portion of which is shared back with municipalities. Funds are allocated proportionately based on population. These funds are restricted for use on road and bridge projects within the Adams County portion of Westminster.
- The funds from WEDA are due to a cooperation agreement the City and WEDA entered in June 2011 related to the Westminster Center East urban renewal area. The agreement provides for WEDA to repay the City for amounts previously advanced by the City to WEDA to further the implementation of the 2003 Westminster Center Reinvestment Plan and the 2009 Westminster Center Urban Reinvestment Plan; it is projected that Westminster Center East will repay the City \$400,000 in 2017 and \$400,000 in 2018. In addition, transfers of \$3.35 million for 2017 and \$750,000 for 2018 from WEDA to the City are projected in connection with land sales in the Downtown Westminster Area and are funded to assist with Downtown Westminster investments, such as parking. No restrictions are placed on these funds

since they are a reimbursement of costs previously incurred by the City that benefit the urban renewal areas.

- The transfer from the Sales and Use Tax Fund includes public safety tax revenues. There are no specific restrictions on the general sales and use tax revenues and the public safety tax funds are utilized on public safety purposes, i.e., police, fire and municipal court facilities or projects.

Parks, Recreation and Libraries Improvements - This category includes parks, recreation facilities, golf courses, trails and libraries. The revenues that fund this category of projects include park development fees, accommodations tax, Adams County attributable open space revenues, Jefferson County attributable open space revenues, carryover and transfer payments from the Parks, Open Space & Trails (POST) Fund and General Fund. Included within this section are the Conservation Trust and Golf Course Funds.

- The funds budgeted within this category have specific restrictions on their use.
- The accommodations tax applies to charges for hotel or motel rooms or accommodations in the City. These funds are dedicated per City Council policy to park capital improvements via the Community Enhancement Program (CEP), which funds design, construction and maintenance of City entryway signs, medians, rights-of-way, neighborhood enhancements, artwork and special projects.
- Adams and Jefferson Counties' attributable open space revenues are a portion of the open space funds collected in Adams and Jefferson Counties that are automatically dispersed to the City by the counties for use on open space programs; they must be used within their respective counties on qualifying projects (each county has slightly different restrictions on how these funds may be utilized).
- Carryover funds are from prior years, resulting from expenditures being less than budgeted or revenues coming in higher than projected. These funds are restricted dependent upon the original funding source, such as accommodations tax revenues must be applied toward CEP purposes; Adams County attributable open space revenues must be used on Adams County qualified open space projects; etc.
- Conservation Trust Funds are the City's share of lottery proceeds received from the State of Colorado. Spending is restricted to the development or improvement of City parks and recreation facilities and may be utilized on library facilities.
- Golf Course revenues are utilized on capital improvements within Legacy Ridge or The Heritage Golf Courses.

Utility Fund Capital Improvement Overview

Utility Fund capital improvement projects provide for the repair, replacement and improvements to the wastewater, water and stormwater systems. The uses of Utility Fund revenues are restricted to wastewater, water and stormwater purposes.

A total of 35 Utility Fund capital improvement projects are funded in 2017 at a cost of \$26,485,000. A total of 34 Utility Fund capital improvement projects are funded in 2018 at a cost of \$38,914,000. All Utility Fund projects in 2017 and in 2018 will be funded on a "pay-as-you-go" basis and do not include the use of debt financing.

Wastewater Improvements - Revenues that fund this category of projects include wastewater residential and commercial sales, tap fees, and interest earnings. Money held in the Capital Project Reserve (CPR) also funds capital projects, pursuant to policy whereby CPR funds will be utilized for ongoing repair and replacement for the overall utility. These funds are restricted in that they must be utilized for wastewater system capital projects. Use of CPR is programmed in 2017 and 2018 for wastewater projects including \$1,173,978 of CPR is budgeted in 2017 and \$5,145,305 in 2018. Additional information regarding the CPR is included within the Miscellaneous Funds section for the Utility Reserve Fund.

Water Improvements - Revenues that fund this category of projects include residential, commercial, reclaimed and wholesale water sales, meter service fees, residential and commercial tap fees, and interest earnings. Money held in the CPR also funds capital projects, pursuant to policy whereby CPR funds will be uti-



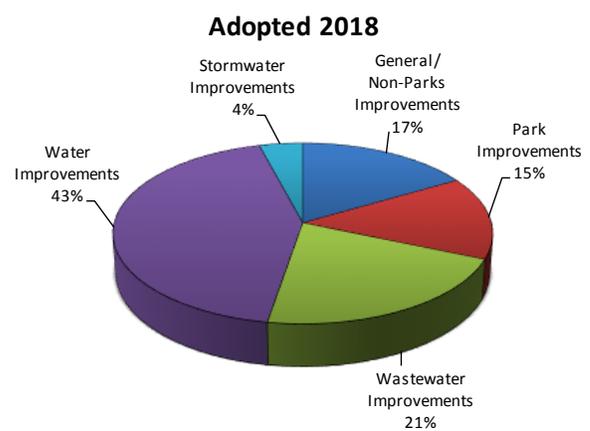
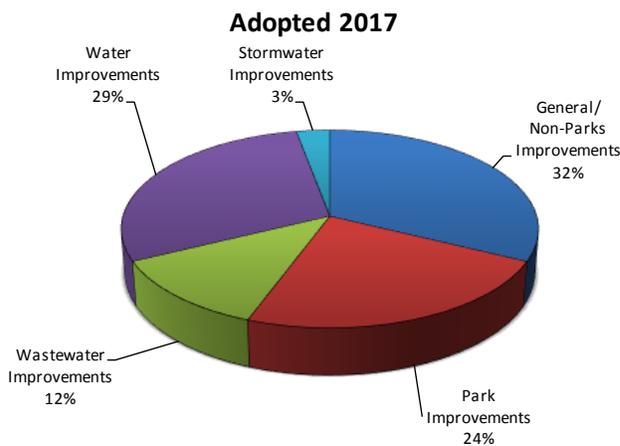
lized for ongoing repair and replacement for the overall utility. These funds are restricted in that they must be utilized for water system capital projects. Use of CPR is programmed in 2018 for water projects including \$3,351,866; no CPR funds are programmed in 2017. Additional information regarding the CPR is included within the Miscellaneous Funds section for the Utility Reserve Fund.

Stormwater Improvements - This category of projects is funded by a fee assessed against a property based on the “demand” a property places on the stormwater drainage system, as measured by runoff amount, impervious area or land use characteristics. Other revenues include interest earnings. These projects help the City comply with the requirements set forth in the state administered National Pollutant Discharge Elimination System permit, which is federally mandated for all counties, cities and other government agencies throughout the United States to reduce stormwater pollution in accordance with the Clean Water Act of 1972. These funds are restricted in that they must be utilized for stormwater drainage maintenance and improvements. The Stormwater fee funds the implementation of drainage improvements for flood control, the retrofitting of existing detention ponds for water quality, street sweeping activities for water quality purposes and the updating of the storm sewer system.

Capital Improvement Program Funding

The City prepares a five year CIP during the budget process, however, only the first two years are approved during the budget process. The following table represents the adopted and recommended funding for 2017-2021:

Total Budget by Category					
	2017 Adopted	2018 Adopted	2019 Rec.	2020 Rec.	2021 Rec.
General/					
Non-Parks Improvements	\$19,270,000	\$9,412,000	\$9,865,000	\$8,287,000	\$7,656,000
Park Improvements	\$13,979,000	\$8,395,000	\$7,983,000	\$7,712,000	\$7,965,000
Wastewater Improvements	\$7,222,000	\$12,062,000	\$11,041,000	\$4,742,000	\$8,154,000
Water Improvements	\$17,513,000	\$24,507,000	\$30,596,000	\$27,128,000	\$24,651,000
Stormwater Improvements	\$1,750,000	\$2,345,000	\$3,331,000	\$1,649,000	\$528,000
TOTAL	\$59,734,000	\$56,721,000	\$62,816,000	\$49,518,000	\$48,954,000



Capital Improvement Program Detail

The remaining pages in this section provide Capital Improvement Program details for 2017-2021, including a project listing and project descriptions for 2017 and 2018, and ending with the five year 2017-2021 CIP.

**2017 and 2018 PROJECT SUMMARY LIST****General Capital Improvement Projects**

	<u>2017 Adopted</u>	<u>2018 Adopted</u>
112th Ave Improvements at Westminster Blvd	\$125,000	\$125,000
92nd Avenue, Harlan Street to Ingalls Street	\$0	\$250,000
ADA Modifications	\$100,000	\$40,000
Arterial Roadway Rehabilitation	\$1,081,000	\$1,033,000
Bicycle Master Plan Implementation	\$50,000	\$50,000
Big Dry Creek Equipment Storage Facility Heating & Insulation	\$0	\$70,000
Bike-N-Ride Shelters	\$0	\$43,000
Bridge, Pedestrian Railing Repainting	\$887,000	\$650,000
Building Operations and Maintenance Computerized Maintenance Management (CMMS)	\$35,000	\$35,000
Building Operations and Maintenance (BO&M) Major Maintenance	\$400,000	\$141,000
City Facilities Parking Lot Maintenance Program	\$125,000	\$100,000
City Facilities Parking Lot Major Rehabilitation and Reconstruction	\$176,000	\$150,000
City Facility Energy Project Coordinator	\$110,000	\$113,000
City Hall and Facilities Space Renovations	\$650,000	\$750,000
City Hall HVAC Work	\$0	\$75,000
City Hall Security Upgrades	\$150,000	\$150,000
Downtown Westminster Investment (Parking Structure & Other Investments)	\$3,350,000	\$750,000
Federal Parkway Improvements 120th to 122nd Avenue (citizen request)	\$170,000	\$750,000
Geographic Information System Upgrades	\$25,000	\$25,000
Historic Saint Anthony North Contribution (citizen request)	\$150,000	\$0
Historic Structure Maintenance	\$86,000	\$50,000
Innovation Pavillion	\$150,000	\$0
JD Edwards System Upgrade	\$84,000	\$84,000
Laserfiche Upgrades / Additional Licenses	\$34,000	\$28,000
Lowell Blvd (120th to 124th Avenue) (IGA Requirement with Broomfield)	\$425,000	\$425,000
Lowell Blvd (81st to 84th Sidewalk Improvements)	\$0	\$130,000
Major Concrete Replacement Program	\$300,000	\$100,000
Microsoft Software Upgrades	\$57,000	\$57,000
Miscellaneous CD Construction Projects	\$20,000	\$25,000
Mobility and Transportation Plan Implementation	\$100,000	\$100,000
New Development Participation	\$0	\$50,000
New Street Light Program	\$25,000	\$25,000
New Traffic Signals & Traffic Signal Replacements	\$600,000	\$200,000
Pavement Management System Upgrade	\$100,000	\$0
Quiet Zone at 112th Avenue	\$0	\$50,000
Quiet Zone at 72nd Avenue/ Lowell Blvd/ Bradburn Blvd	\$255,000	\$400,000
Railroad Crossing Surface Replacement Program	\$0	\$50,000
Ralston House	\$260,000	\$0



	<u>2017 Adopted</u>	<u>2018 Adopted</u>
Real Estate/Economic Development Strategic Fund	\$500,000	\$0
Rental Housing Electronic Licensing and Inspection System	\$100,000	\$0
Sidewalk Connection	\$60,000	\$0
South Westminster Revitalization Project	\$25,000	\$25,000
Storage Area Network (SAN) Replacement	\$100,000	\$0
Teleworks Upgrade	\$18,000	\$30,000
Tiger Grant-Sheridan and Church Ranch Underpass	\$0	\$400,000
Westminster Center Urban Reinvestment Proj (WURP) City Participation	\$5,200,000	\$150,000
Westminster Center Urban Reinvestment Project (WURP) Roadway	<u>\$1,676,000</u>	<u>\$400,000</u>
Total General Capital Improvement Projects	<u>\$17,759,000</u>	<u>\$8,079,000</u>
 <u>Public Safety Capital Improvement Projects</u>		
Fire Station Emergency Generator	\$50,000	\$50,000
Fire Station Major Modifications-Door Locks	\$46,000	\$0
Fire Station Major Modifications-General	\$60,000	\$30,000
Public Safety Center Carpet Replacement	\$50,000	\$50,000
Public Safety Facilities' Maintenance (BO&M)	\$293,000	\$120,000
Public Safety Tax-Energy Projects	\$40,000	\$30,000
Public Safety Center Building Infrastructure	\$50,000	\$50,000
Computer Aided Dispatch/Records Mgmt System Software Upgrades	\$140,000	\$140,000
JD Edwards System Upgrade	\$84,000	\$84,000
Microsoft Software Upgrades	\$28,000	\$28,000
Storage Area Network (SAN) Replacement	\$62,000	\$0
CAD to CAD Dispatch System	\$168,000	\$150,000
Fire Station 3 Air Compressor	\$60,000	\$0
New Municipal Court Facility Design	\$380,000	\$536,000
Public Safety Center Space Study	<u>\$0</u>	<u>\$65,000</u>
Total Public Safety Capital Improvement Projects	<u>\$1,511,000</u>	<u>\$1,333,000</u>
 <u>Parks, Recreation and Libraries Capital Improvement Projects</u>		
Aquatics Major Maintenance (BO&M)	\$50,000	\$35,000
Armed Forces Tribute Garden Statues	\$242,000	\$121,000
Big Dry Creek Trail Update Project	\$160,000	\$160,000
Bike Share Program	\$30,000	\$30,000
Building Operations & Maintenance Rec Center Maintenance - Energy	\$100,000	\$50,000
Christopher Fields Dugout Roofs	\$0	\$155,000
City Park Recreation Center Cooling System Replacement	\$0	\$75,000
City Park Recreation Center Gym Floor & Racquetball Courts	\$400,000	\$100,000
Community Enhancement Program	\$2,265,000	\$2,305,000
Community Supported Agriculture	\$75,000	\$25,000
Concrete Repair/Replacement	\$60,000	\$0



	<u>2017 Adopted</u>	<u>2018 Adopted</u>
Construction Crew Maintenance/Repair	\$30,000	\$40,000
Downtown Westminster Parks	\$3,995,000	\$805,000
Golf Course Improvements	\$180,000	\$180,000
Heritage Golf Course Cart Path Replacement	\$80,000	\$0
Landscape Architect II/ Project Manager	\$86,000	\$89,000
Legacy Golf Course Cart Path Replacement	\$70,000	\$0
Legacy Golf Course Irrigation System Replacement	\$1,232,000	\$0
Library Master Plan Implementation	\$50,000	\$50,000
Library Repair and Maintenance	\$50,000	\$50,000
Metzger Farm	\$50,000	\$50,000
Minor Median Maintenance	\$50,000	\$50,000
Mobility Action Plan Implementation-Wayfinding	\$50,000	\$50,000
Open Space Repair and Maintenance	\$275,000	\$275,000
Park 1200 Stabilization	\$0	\$60,000
Park and Recreation Comprehensive Plan	\$200,000	\$0
Park Maintenance (JCOS)	\$525,000	\$541,000
Park Renovation Program	\$325,000	\$325,000
Playground Surface Maintenance	\$60,000	\$60,000
Recreation Facilities Improvements	\$180,000	\$180,000
Recreation Facilities Major Maintenance (BO&M)	\$680,000	\$273,000
Skyline Vista Park	\$70,000	\$0
Standley Lake Regional Park Master Plan Implementation Phase 1	\$200,000	\$0
Trail Development	\$180,000	\$200,000
Transfer to Golf Course Fund	\$230,000	\$230,000
Water Play Installation	\$189,000	\$811,000
Westminster Sports Center	\$60,000	\$20,000
Westminster Station Park Construction	\$1,500,000	\$1,000,000
Total Parks, Recreation and Libraries Capital Improvement Projects	<u>\$13,979,000</u>	<u>\$8,395,000</u>
TOTAL GENERAL CAPITAL IMPROVEMENT PROJECTS	<u>\$33,249,000</u>	<u>\$17,807,000</u>

UTILITY FUND CAPITAL IMPROVEMENT PROJECT LIST

Wastewater System Improvement Projects

City-Wide Open Cut Sewer Repairs	\$990,000	\$0
City-Wide Trenchless Sewer Repairs	\$900,000	\$500,000
BDCWWTF Biosolids & Dewatering Improvements	\$453,000	\$10,410,000
BDCWWTF Campus-Wide Major R&R	\$3,400,000	\$385,000
Big Dry Creek Interceptor Sewer Condition Assessment	\$680,000	\$0
Consolidation Study for the N. Huron and Big Dry Creek Lift Stations	\$150,000	\$0
JD Edwards System Upgrade	\$21,000	\$21,000
Microsoft Software Upgrades	\$29,000	\$29,000



	<u>2017 Adopted</u>	<u>2018 Adopted</u>
Ongoing City-Wide Lift Stations R&R	\$200,000	\$200,000
Payment In Lieu of Use Tax (transfer to S&U Tax Fund)	\$114,000	\$221,000
Storage Area Network (SAN) Replacement	\$38,000	\$0
Wastewater Capital Outlay Replacement Prog (WW-CORP)	\$230,000	\$201,000
Water Quality Compliance & Testing Facility R&R	\$17,000	\$95,000
Total Wastewater System Improvement Projects	<u>\$7,222,000</u>	<u>\$12,062,000</u>
 <u>Water System Improvement Projects</u>		
City Hall Cashier System	\$75,000	\$0
Croke Canal and Standley Lake Improvements	\$0	\$550,000
CWSP - Reclaimed Distribution System Improvements	\$0	\$100,000
Gravel Lakes Facilities Major R&R	\$0	\$50,000
High Service Pump Station Improvements	\$4,500,000	\$0
JD Edwards System Upgrade	\$21,000	\$21,000
Microsoft Software Upgrades	\$29,000	\$29,000
MSC Gasoline Remediation	\$103,000	\$10,000
On-Going Water Treatment Facilities R&R	\$0	\$640,000
Payment In Lieu of Use Tax (transfer to S&U Tax Fund)	\$287,000	\$298,000
Raw Water System Efficiency Improvements	\$0	\$50,000
Raw Water System Improvements & R&R	\$0	\$400,000
Reclaimed Water Treatment Facility Major R&R	\$0	\$160,000
Replacement Utility Billing Software	\$300,000	\$0
Residential Water Meters Replacement Phases 1 and 2	\$0	\$6,500,000
SCADA & PLC Updates	\$0	\$900,000
Semper WTF Replacement Siting Study & Capacity Confirmation	\$0	\$610,000
Sheridan Blvd Main Repair - South of US36	\$3,000,000	\$0
Storage Area Network (SAN) Replacement	\$50,000	\$0
Teleworks Upgrade	\$42,000	\$70,000
Temporary Utility Fund Engineer	\$100,000	\$0
Utility Fund Facilities Parking Lot Maintenance Program	\$0	\$30,000
Water Capital Outlay Replacement Prog (W-CORP)	\$506,000	\$389,000
Water Transmission Main Valves	\$650,000	\$0
Water Treatment Facilities Chlorine Storage Tanks R&R	\$0	\$400,000
Westside Pump Stations Construction - Countryside Pump Station & Tank	\$6,750,000	\$0
Zone 3 Expansion	\$1,100,000	\$13,300,000
Total Water System Improvement Projects	<u>\$17,513,000</u>	<u>\$24,507,000</u>

	<u>2017 Adopted</u>	<u>2018 Adopted</u>
<u>Stormwater System Improvement Projects</u>		
Big Dry Creek Stabilizations	\$250,000	\$250,000
City Park Channel Phase #2	\$100,000	\$0
Misc Storm Drainage Improvements	\$434,000	\$1,112,000
Payment In Lieu of Use Tax (transfer to S&U Tax Fund)	\$18,000	\$32,000
South Branch Hylands Creek	\$378,000	\$631,000
Storm Water Pipe Cleaning, GPS Locating & Inspection	\$70,000	\$70,000
TOD Water Quality Pond	\$500,000	\$0
Walnut Creek Stabilizations	\$0	\$250,000
Total Stormwater System Improvement Projects	<u>\$1,750,000</u>	<u>\$2,345,000</u>
TOTAL UTILITY FUND CAPITAL IMPROVEMENT PROJECTS	<u>\$26,485,000</u>	<u>\$38,914,000</u>
GRAND TOTAL CAPITAL IMPROVEMENT PROJECTS	<u>\$59,734,000</u>	<u>\$56,721,000</u>

Project Acronyms:

- GPS-Global Positioning System
- HVAC-Heating, Ventilation and Air Conditioning
- PLC-Programmable Logic Control
- R&R- Repair and Replacement
- SCADA-Supervisory Control and Data Acquisition
- TOD-Transit Oriented Development



GENERAL CAPITAL IMPROVEMENT FUND PROJECT DESCRIPTIONS
General Capital Improvement Projects

112th Avenue Improvements at Westminster Boulevard

Adopted 2017 = \$125,000
Adopted 2018 = \$125,000

This project reflects the City’s participation towards developer constructed roadway improvements to 112th Avenue and Westminster Boulevard. The project will widen 112th Avenue to two eastbound lanes and bike lanes on both sides of Westminster Boulevard.

92nd Avenue, Harlan Street to Ingalls Street

Adopted 2017 = \$0
Adopted 2018 = \$250,000

This project will eliminate to northernmost west-bound lane between Harlan Street and Ingalls Street to mitigate a safety concern. The current configuration of the lane requires drivers to turn right onto Ingalls Street when travelling west bound, when drivers often continue to drive westbound on 92nd Avenue instead of turning.

ADA Modifications

Adopted 2017 = \$100,000
Adopted 2018 = \$40,000

Funding for this project supports consulting and project implementation for ADA related items. Modifications include ADA projects across several departments and divisions including Parks, Streets, Building Operations & Maintenance, Police, Community Development, and Human Resources. Once initial planning is complete and projects identified, individual projects are expected to be funded by each department and division. The remainder of funding will complete the ADA audit of facilities and projects identified in the audit.

Arterial Roadway Rehabilitation

Adopted 2017 = \$1,081,000
Adopted 2018 = \$1,033,000

This ongoing project consists of resurfacing the existing pavement for a smoother ride, elimination of rutting and re-sealing the surface of the roadway. Improvements to the existing pavement on major arterials will extend the life of the pavement and offset the high cost of repairs with a long-term savings being realized over time due to the elimination of rutting and weak areas. At least two arterial roadways per year are scheduled for resurfacing the existing pavement for a smoother ride. Projects for 2017 include Sheridan Boulevard, 113th Avenue, 120th Avenue, 72nd Avenue and Lowell Boulevard. Projects for 2018 include 88th Avenue, Federal Parkway, Wadsworth Parkway, and Independence Drive.

Bicycle Master Plan Implementation

Adopted 2017 = \$50,000
Adopted 2018 = \$50,000

This ongoing project will fund various bicycle improvements that were identified in the City’s Bicycle Master Plan. The current strategy targets bicycle projects that coincide with street overlay and reconstruction projects, such as striping and signing of bike lanes.

Big Dry Creek Equipment Storage Facility Heating & Insulation

Adopted 2017 = \$0
Adopted 2018 = \$70,000

The City’s equipment storage facility in north Westminster stores three snow removal trucks, one front end loader and 2,000 tons of deicing material. In response to cold temperatures experienced in this facility, this project will provide for the installation of insulation and a heating system for this facility to improve equipment performance and turnaround time during the snow season.

Bike-N-Ride Shelters

Adopted 2017 = \$0
Adopted 2018 = \$43,000

This project represents the City’s grant match to install Bike-N-Ride shelters that provide secure bike parking at RTD



Park-N-Ride stations, including US 36/Sheridan Station eastbound, Church Ranch eastbound and westbound. Project funds provide the match for a Transportation Alternatives Program grant in partnership with RTD, 36 Commuting Solutions, and the City and County of Broomfield to build three shelters.

Bridge, Pedestrian Railing Repainting

Adopted 2017 = \$887,000

Adopted 2018 = \$650,000

The City is responsible for maintaining the architectural enhancements and pedestrian railings of 17 large scale bridges throughout the City. This ongoing project funds the painting and repair of these bridges. The 2017 project includes the bridge on Westminster Boulevard over US 36 and sections of the pedestrian railings on the 136th Avenue and 144th Avenue bridges (service underpass, west of the I-25 ramps). The 2018 project includes the Westminster Boulevard Bridge over Airport Creek.

Buildings Operations and Maintenance Computerized Maintenance Management System (CMMS)

Adopted 2017 = \$35,000

Adopted 2018 = \$35,000

This project will allow Building Operations & Maintenance to further integrate the existing maintenance management program with JD Edwards. This project will implement additional inventory services and assets needed to continue to build out a preventive maintenance program for additional assets. Funding of approximately \$125,000 has previously been appropriated for CMMS implementation.

Building Operations & Maintenance Major Maintenance

Adopted 2017 = \$400,000

Adopted 2018 = \$141,000

This ongoing funding is for multiple projects relating to the maintenance of General Fund facilities. Examples of projects include the replacement of the security camera system and replacement of shop drains at the Municipal Service Center, and maintenance needs at the former animal shelter. Funding spans multiple years to provide adequate time for design, purchase, coordination and implementation.

City Facilities Parking Lot Maintenance Program

Adopted 2017 = \$125,000

Adopted 2018 = \$100,000

This ongoing project provides for contractual crack sealing, resurfacing, sealcoating and concrete replacement as required at 100 municipal parking lot sites. Of the parking lot sites, 81 are asphalt, 16 are concrete and 3 are a combination of asphalt and concrete, all requiring regular maintenance. This project also funds necessary repairs at two concrete courtyards. Rotation for asphalt pavement requires crack sealing every three years and sealcoating every six years. Concrete pavement requires crack sealing every six years and sealing every 10 years.

City Facilities Parking Lot Major Rehabilitation and Reconstruction

Adopted 2017 = \$176,000

Adopted 2018 = \$150,000

This ongoing project funds the overlay or reconstruction of 27 City facility parking lots. A comprehensive pavement evaluation of all City facility parking lots was performed in 2013 and found 27 of the 98 parking lots have deteriorated to the point where low-cost, preventive maintenance is no longer beneficial. Of the 27 lots, 24 require overlay and three require total reconstruction. The projects for 2017 include overlay at the MAC (cost sharing with Hyland Hills), the Westminster Sports Center, and the Swim and Fitness Center. The project for 2018 includes overlay at the Westview Recreation Center.

City Facility Energy Project Coordinator

Adopted 2017 = \$110,000

Adopted 2018 = \$113,000

Funding for this ongoing project supports the Facilities Energy and CIP Coordinator salary. The focus of work performed includes general improvements to facility energy systems, and studies into possible alternatives to typical grid energy. Work efforts focus on a variety of projects including the new Downtown District Energy feasibility study.



City Hall and Facilities Space Renovations

Adopted 2017 = \$650,000

Adopted 2018 = \$750,000

Formally named the Facilities Space Study, this project will address the space constraints driven by new FTEs at City Hall. It includes funding for multiple small renovation projects (design and construction), movers for employees and furniture for City Hall (design and purchase). The project, primarily affecting City Hall but will include several other facilities, is expected to take multiple years and occur in a phased manner based on construction logistics. Funding of approximately \$75,000 has previously been appropriated to this project.

City Hall HVAC Work

Adopted 2017 = \$0

Adopted 2018 = \$75,000

This project replaces 28 aging heating, ventilation and air conditioning heat pumps throughout City Hall. The project includes insulating condenser water piping to allow the system temperature to be reduced below the dew point to operate as efficiently as possible with the intended design. Total project cost is projected at \$615,000.

City Hall Security Upgrades

Adopted 2017 = \$150,000

Adopted 2018 = \$150,000

This project is for various security upgrades relating to the 2016 Security Assessment at City Hall. A prioritized list of projects is currently under consideration and potential projects include: replacement of CCTV system; door hardware changes and upgrades; potential camera monitoring station; changes to card access system; improved parking lot lighting; and wayfinding signage.

Downtown Westminster Investment (Parking Structure & Other Investments)

Adopted 2017 = \$3,350,000

Adopted 2018 = \$750,000

This project will provide for the funding for an additional parking structure or other alternatives at the Downtown Westminster site. The additional parking will have estimated capacity of 600 stalls. Additional funding will be required in future years for this project.

Federal Parkway Improvements 120th Avenue to 122nd Avenue

Adopted 2017 = \$170,000

Adopted 2018 = \$750,000

This project will complete the widening of Federal Parkway beginning north of 120th Avenue and ending at 122nd Avenue. Completed improvements will include two north and southbound lanes, north and southbound bike lanes, a left turn lane and right turn lanes up to 122nd Avenue. The lanes will then transition to just one northbound and southbound lanes north of 122nd Avenue.

Geographic Information Systems (GIS) Upgrades

Adopted 2017 = \$25,000

Adopted 2018 = \$25,000

This ongoing project provides funding for the enhancements to the City’s GIS program. The GIS program continues to update and enhance the City’s geospatial data resources and is accessible through web-based, mobile and desktop applications to both the public and to City staff.

Historic Saint Anthony North Contribution

Adopted 2017 = \$150,000

Adopted 2018 = \$0

Centura/St. Anthony’s staff made a presentation to City Council about the creation of their 84th Avenue Neighborhood Health Center. Centura moved the main hospital ten miles north and is repurposing the old facility to serve the area. The Emergency Department (ED) is the most heavily used in the Centura system, mostly because the local population uses the ED as access to health care. Centura intends to co-locate the ED next to the Senior Health and Family Medicine Residency Clinic and an enhanced Behavioral Health Services (mental health) facility. In addition to these services, the Center will provide dental care, imaging, cardiac rehabilitation, and mammography screenings. Catholic Health Initiatives will provide the majority of the funding needed for this \$12.3 million project. St. Anthony North

Health Foundation is leading a \$1 million capital campaign to finish the project. The funds are to be the City's contribution as economic development assistance.

Historic Structure Maintenance

Adopted 2017 = \$86,000

Adopted 2018 = \$50,000

This project will fund the assessment and rehabilitation of historic structures owned by the City. The needs are typically related to upgrades, reconstruction, and stabilization of existing city-owned historic structures on Open Space. Due to their historic nature, special consultants and contractors may be required to maintain them.

Innovation Pavilion

Adopted 2017 = \$150,000

Adopted 2018 = \$0

This project includes a one-time participation cost with Innovation Pavilion © (IP). Innovation is crucial to sustained economic growth. The development of an innovation ecosystem requires a variety of components and activities. The Innovation Pavilion © (IP) is an entrepreneurial ecosystem that integrates the activities of business incubation, maker space, STEM education, a 21st Century Library, event space, millennial housing and retail space, and corporate anchor spaces into an innovation campus. IP would be responsible for physical development, operation of the campus, and strategic partner development. IP is currently engaged in successful implementation in Centennial and Parker. The Innovation Pavilion © (IP) is an entity capable of developing and implementing an ecosystem in Westminster that would serve to make the City an innovation hub.

JD Edwards System Upgrade

Adopted 2017 = \$84,000

Adopted 2018 = \$84,000

This project provides for ongoing JD Edwards EnterpriseOne ERP application upgrades and enhancements, and is necessary to maintain and improve the City's ability to effectively use JD Edwards for the foreseeable future. The total budget for this project in 2017 is \$210,000 and another \$210,000 in 2018, with costs being distributed between the General Capital Improvement (General and Public Safety) and Utility Funds.

Laserfiche Upgrades / Additional Licenses

Adopted 2017 = \$34,000

Adopted 2018 = \$28,000

This project funds annual phased additions of the City's document management software (Laserfiche) to meet operational needs and provide systems integration. The intent is to provide connectivity of all electronic records with appropriate security levels for day-to-day operational access/use of management in researching/decision making.

Lowell Boulevard (120th to 124th Avenues)

Adopted 2017 = \$425,000

Adopted 2018 = \$425,000

This project funds a portion, approximately 19%, of the widening of Lowell Boulevard between 120th Avenue and 124th Avenue to a four-lane arterial street with turn lanes and a raised median. The remainder of the costs will be funded by the City and County of Broomfield as part of an intergovernmental agreement. Funding of approximately \$1,143,000 has previously been appropriated to this project.

Lowell Boulevard (81st to 84th Sidewalk Improvements)

Adopted 2017 = \$0

Adopted 2018 = \$130,000

This project includes sidewalk improvements on the west side of Lowell Boulevard from 81st Avenue to 84th Avenue. This project will improve pedestrian accessibility along Lowell Boulevard by replacing deteriorating asphalt and providing ADA ramps at Bradburn Drive.

Major Concrete Replacement Program

Adopted 2017 = \$300,000

Adopted 2018 = \$100,000

This project will replace 17,000 lineal feet of deteriorated curbs, gutters, sidewalks, curb ramps and crosspans in the



Sunstream and Highland Greens subdivisions. Work within the Sunstream subdivision was included in the 2015/2016 CIP and the project will partially be complete in 2016; however, due to cost escalation of concrete over the past two years, including a 21% increase in 2015, additional funding is needed to complete the work in the Sunstream subdivision.

Microsoft Software Upgrades

Adopted 2017 = \$57,000
Adopted 2018 = \$57,000

This project provides for future Microsoft Exchange, SharePoint and Office application upgrades. The project is necessary to ensure feature updates, security enhancements, patches and technical support remain current for these applications. The total budget for this project in 2017 is \$143,000 and another \$143,000 in 2018, with costs being distributed between the General Capital Improvement (General and Public Safety) and Utility Funds.

Miscellaneous Community Development Construction Projects

Adopted 2017 = \$20,000
Adopted 2018 = \$25,000

This ongoing project provides funding for the maintenance of City-owned brick walls (e.g. 72nd Avenue/Sheridan Boulevard and 120th Avenue adjacent to The Ranch Subdivision), wood fences (e.g. 92nd Avenue to Trendwood Subdivision), and minor construction/maintenance work within public rights-of-way and other public lands.

Mobility and Transportation Plan Implementation

Adopted 2017 = \$100,000
Adopted 2018 = \$100,000

This project will update the City’s Roadway Master Plan and combine other transportation and mobility related documents into a Transportation Master Plan that sets the Transportation and Mobility vision, including clear implementation timeframes and funding opportunities.

New Development Participation

Adopted 2017 = \$0
Adopted 2018 = \$50,000

This ongoing project provides funding for the City’s share of certain public improvements installed by private developers. For example, the Westminster Municipal Code mandates that the City is responsible for approximately the middle 24 feet of a fully improved arterial sized street, while the developers of adjacent properties are responsible for outer portions of the street. Occasionally, a developer’s work to widen such a street requires the middle portion to be adjusted in some manner, thus triggering the City’s participation in that project.

New Streetlight Program

Adopted 2017 = \$25,000
Adopted 2018 = \$25,000

This ongoing project provides funding for the installation of individual street lights in warranted locations usually as requested by residents or neighborhoods. New street lights are installed throughout the City, primarily in south Westminster.

New Traffic Signals & Traffic Signal Replacements

Adopted 2017 = \$600,000
Adopted 2018 = \$200,000

This ongoing project enables the installation of new traffic signals and the replacement of aging electronic components and traffic signal poles that have the potential for structural or technological failure. The average cost of signalization for a four legged intersection is \$260,000.

Pavement Management System Upgrade

Adopted 2017 = \$100,000
Adopted 2018 = \$0

The City uses a pavement management program to create an inventory of all City maintained roadways, parking lots and curb and gutter, and to assess the condition of this infrastructure and develop plans to maintain them. The current application is ten years old, has become outdated, and key components of the program are no longer supported by the

original vendor. This project will fund the research and selection of a replacement program to continue the City’s pavement management program.

Quiet Zone at 112th Avenue

Adopted 2017 = \$0
Adopted 2018 = \$50,000

This project provides funding for the City’s share of the cost of the implementation of a Quiet Zone at the BNSF “at-grade” railroad crossing of 112th Avenue at the boundary between Westminster and Broomfield. Broomfield staff will lead the effort to establish the Quiet Zone at this location, and Westminster will pay for approximately 20% of the total cost.

Quiet Zone at 72nd Avenue/ Lowell Boulevard/ Bradburn Boulevard

Adopted 2017 = \$255,000
Adopted 2018 = \$400,000

The project will meet Federal Railroad Administration (FRA) requirements to silence train horns, creating Quiet Zones at grade crossings of the BNSF Railway at Lowell Boulevard, W. 72nd Avenue, and Bradburn Boulevard. Three crossings are less than a quarter mile from each other, therefore FRA requires them to be established at the same time. DRCOG funds in the amount of \$689,410 are allocated to Westminster for the implementation of Quiet Zones, significantly reducing the total cost.

Railroad Crossing Surface Replacement Program

Adopted 2017 = \$0
Adopted 2018 = \$50,000

This ongoing project provides for the replacement of railroad crossing surfaces at various crossing locations within the City. The 2018 project includes the 80th Avenue railroad crossing, where the existing pads are over 20 years old, are an older style concrete and have been rated as fair, bordering on poor. Staff will coordinate the replacement project with BNSF Railway and anticipate cost sharing with BNSF. The approved funding represents the projected City share of the total cost.

Ralston House

Adopted 2017 = \$260,000
Adopted 2018 = \$0

The Ralston House provides a friendly and safe place for children and teens who have been sexually abused to tell their stories and begin to heal. Ralston House receives referrals from law enforcement agencies, including City of Westminster, social services and the district attorney’s office, and works in conjunction with these entities to provide specialized forensic interviews and medical examinations. The City of Northglenn and Ralston House evaluated funding options for a new facility in Northglenn and presented an overview to City Council in May 2015. Since the City of Westminster utilizes this facility, the City included a \$50,000 contribution in the amended 2016 CIP towards the needs assessment and construction documents for the new facility. Funding for this project in 2017 will provide additional capital contributions towards the new facility as part of a larger intergovernmental agreement with partner entities.

Real Estate/Economic Development Strategic Fund

Adopted 2017 = \$500,000
Adopted 2018 = \$0

In the furtherance of the City’s economic development goals and to help realize strategic real estate opportunities, a strategic fund is approved that could be used to assist economic development investments by third parties and/or make strategic real estate investments to drive economic development. The fund will be structured and administered around best practices in the industry. Some of the considerations in real estate investments or award of economic development assistance funds include the value to City initiatives or projects of strategic real estate acquisitions, the number of jobs created/retained, or net new revenue created or revenue retained. Real estate acquisitions or economic development assistance amounts are pursuant to existing City practices and policies.

Rental Housing Electronic Licensing and Inspection System

Adopted 2017 = \$100,000
Adopted 2018 = \$0

This project will convert existing rental housing licensing and inspection system, Accela, to a new electronic system



compatible with the City’s primary e-permitting system, TraKit. The project requires configuration of LicenseTrak software module to allow automation of licensing and inspection program. Configuration of the field inspection application is also included.

Sidewalk Connection Improvements

Adopted 2017 = \$60,000

Adopted 2018 = \$0

This project includes sidewalk connection improvements at various locations throughout the City to provide additional pedestrian or bicycle connectivity. Improvements in certain areas will mitigate weed growth in unirrigated areas occasionally located in narrow areas between existing sidewalks and curbs.

South Westminster Revitalization

Adopted 2017 = \$25,000

Adopted 2018 = \$25,000

South Westminster reinvestment remains a priority as identified in the Strategic Plan. Funds will assist in implementing established goals and objectives through our planning efforts. Examples of some potential investments include: potential key property acquisition, infrastructure improvements, conceptual development plans, enhancements to 73rd Avenue, and grant matching funds for outside funding assistance.

Storage Area Network (SAN) Replacement

Adopted 2017 = \$100,000

Adopted 2018 = \$0

This project involves the replacement of the City's main storage area network (disk drives) and the backup storage area network located at the disaster recovery center. Replacement of the storage area network is required to insure ongoing product support and provide necessary capacity for City files and backups. The total budget for this project \$250,000 in 2017, with costs being distributed between the General Capital Improvement (General and Public Safety) and Utility Funds.

Teleworks Upgrade

Adopted 2017 = \$18,000

Adopted 2018 = \$30,000

This project funds the upgrade or replacement of the City’s Web/Interactive Voice Response system that is used for utility billing payments/information and reminder calls to jurors and defendants for Municipal Court. The total budget for this project in 2017 is \$60,000 and another \$100,000 in 2018, with costs being distributed between the General Capital Improvement (General) and Utility (Water) Funds.

TIGER Grant-Sheridan and Church Ranch Underpass

Adopted 2017 = \$0

Adopted 2018 = \$400,000

These funds will be used as matching funds for the Federal TIGER grant to construct four underpasses (three pedestrian/ bicycle tunnels at Church Ranch Boulevard and one pedestrian/bicycle/transit tunnel at Sheridan Boulevard) that will create a seamless connection for transit and bikeway users on the US 36 commuter trail. Additional funding may be required depending on the size of the grant award. The City was unsuccessful in its 2016 attempt for TIGER grant funds and will re-apply in 2017.

Westminster Center Urban Reinvestment Project (WURP) City Participation

Adopted 2017 = \$5,200,000

Adopted 2018 = \$150,000

The objective of these project funds is to ensure continued maintenance and operation of the existing site while facilitating development and provision of public facilities and services to build-out the site. The general categories of expenditure include legal and administrative fees, miscellaneous costs that cover a wide range of maintenance and operation efforts, and professional services. The legal and administrative fees specifically address development negotiation, development and land sale agreements, and professional fees for facilitating property sale, buildout and marketing strategy, and negotiation of financial agreements. The project cost includes the City participation of the site being developed by George Sherman.



Westminster Center Urban Reinvestment Project (WURP) Roadway
Adopted 2017 = \$1,676,000**Adopted 2018 = \$400,000**

This project includes public right-of-way improvements within the Downtown Westminster site. Specific improvements for the 2017/2018 budget include streets and infrastructure such as utilities to street lights, curb and gutter, asphalt and concrete alleys. While most of the streets and utilities will be completed in 2016, additional work to complete alleys and the roadway network east of Eaton Street will need to be funded in a future year.

Adopted 2017 General Capital Improvement Projects Total = \$17,759,000
Adopted 2018 General Capital Improvement Projects Total = \$8,079,000**Public Safety Capital Improvement Projects****Fire Station Emergency Generator****Adopted 2017 = \$50,000****Adopted 2018 = \$50,000**

Building Operations & Maintenance and the Fire Department conducted a study to evaluate load capacities, current loading, reliability, and a needs assessment. This project will allow for the maximized use of emergency electrical power for all key systems within each fire station and implement a replacement plan for the aging generators and transfer switches located at each of the six fire stations.

Fire Station Major Modifications-Door Locks**Adopted 2017 = \$46,000****Adopted 2018 = \$0**

This project will upgrade fire station door lock security to a remotely accessible wireless technology, eliminating the need to manually update each lock at the fire stations.

Fire Station Major Modifications-General**Adopted 2017 = \$60,000****Adopted 2018 = \$30,000**

This ongoing project funds major modifications to all fire stations not covered by Building Operations & Maintenance. Examples of projects include painting apparatus bays at Fire Stations 3 and 4, and bunker gear locker updates at multiple fire stations.

Public Safety Center Carpet Replacement**Adopted 2017 = \$50,000****Adopted 2018 = \$50,000**

This project will commence carpet replacement throughout the Public Safety Center.

Public Safety Facilities' Maintenance (Building Operations & Maintenance)**Adopted 2017 = \$293,000****Adopted 2018 = \$120,000**

This ongoing project supports multiple projects relating to typical maintenance of the existing Public Safety Center and Fire Station facilities. Examples of planned projects include the replacement of expansion joints and drywall repair at the Public Safety Center, and remodeling of restrooms, roofing repairs, and slab replacements at various fire stations. The funding spans two years to provide adequate time for design, purchase, coordination and implementation.

Public Safety Energy Projects**Adopted 2017 = \$40,000****Adopted 2018 = \$30,000**

This project supports various energy projects at the Public Safety Center and Fire Stations. These projects address many of the energy savings projects identified in the Ameresco Preliminary Energy Audit completed in 2013. The funding duration spans multiple years in order to provide adequate time for design, purchase, and contracting.



Public Safety Center Building Infrastructure

Adopted 2017 = \$50,000
Adopted 2018 = \$50,000

This ongoing project was established as the Public Safety Center building has moved beyond the scope of maintenance contracts on items such as furniture and fixtures since the building was built in 2001. Repairs and replacement of these items are becoming more frequent and have been unbudgeted in the past due to maintenance contracts. The key project in the immediate future includes a full replacement of the security system as the security system is beginning to fail and parts have become increasingly harder to find when repairs are necessary.

Computer Aided Dispatch/Records Management System Software Upgrades

Adopted 2017 = \$140,000
Adopted 2018 = \$140,000

This ongoing project accumulates funds needed to support the 3-4 year upgrade requirements for Public Safety applications (WebRMS, Mobile for Public Safety, CAD and records management). These upgrades will ensure ongoing product support and enhancements.

JD Edwards System Upgrade

Adopted 2017 = \$84,000
Adopted 2018 = \$84,000

This project provides for ongoing JD Edwards EnterpriseOne ERP application upgrades and enhancements, and is necessary to maintain and improve the City's ability to effectively use JD Edwards for the foreseeable future. The total budget for this project in 2017 is \$210,000 and another \$210,000 in 2018, with costs being distributed between the General Capital Improvement (General and Public Safety) and Utility Funds.

Microsoft Software Upgrades

Adopted 2017 = \$28,000
Adopted 2018 = \$28,000

This project provides for future Microsoft Exchange, SharePoint and Office application upgrades. The project is necessary to ensure feature updates, security enhancements, patches and technical support remain current for these applications. The total budget for this project in 2017 is \$143,000 and another \$143,000 in 2018, with costs being distributed between the General Capital Improvement (General and Public Safety) and Utility Funds.

Storage Area Network (SAN) Replacement

Adopted 2017 = \$62,000
Adopted 2018 = \$0

This project involves the replacement of the City's main storage area network (disk drives) and the backup storage area network located at the disaster recovery center. Replacement of the storage area network is required to insure ongoing product support and provide necessary capacity for City files and backups. The total budget for this project \$250,000 in 2017, with costs being distributed between the General Capital Improvement (General and Public Safety) and Utility Funds.

Computer Aided Dispatch (CAD) to CAD System

Adopted 2017 = \$168,000
Adopted 2018 = \$150,000

CAD to CAD dispatching allows the City of Westminster Emergency Services Dispatch Center to be interconnected with neighboring jurisdictions such as City of Thornton, Adams County Fire, North Metro Fire, and others in the Denver Metro region. This project will improve service to the citizens of Westminster by allocating closest unit resources from Westminster and neighboring jurisdictions to allow for adequate resources to rapidly respond to emergencies such as a structure fire or mass casualty situation. CAD to CAD will be enable our various agencies to dispatch closest appropriate units regardless of the jurisdiction to provide expedited service.

Fire Station 3 Air Compressor

Adopted 2017 = \$60,000
Adopted 2018 = \$0

This project will install a high pressure air compressor, necessary for filling both self-contained breathing apparatus and scuba tanks, for use by fire stations 3 and 5. Not only is the dive van located at station 3, which requires frequent

air bottle refilling, these stations are the most remote from the other two stations that currently have air compressors. Funding for this project will eliminate the former practice of driving to fire stations across town, a practice that was impractical and inefficient in both Staff time and transportation costs.

New Municipal Court Design

Adopted 2017 = \$380,000

Adopted 2018 = \$536,000

Staff have identified the need for a new Courthouse and a needs assessment has been completed. This project will start accumulating funds necessary to create the renderings and schematic design for the new courthouse to be completed, once additional funding becomes available. The location of the new courthouse and funding strategy for construction costs has yet to be determined.

Public Safety Center Space Study

Adopted 2017 = \$0

Adopted 2018 = \$65,000

This project includes the preparation of a more detailed space study at the Public Safety Center. The results of this study will inform the larger issue of a lack of space for new FTEs expected on the City Hall campus and could result in a more comprehensive approach to the solution. In addition, the Fire Department identified space study needs for Fire Stations #2, #4 and old Station #2. These studies will help determine administrative FTE placements that can no longer fit into the Public Safety Center.

Adopted 2017 Public Safety Capital Improvement Fund Projects Total = \$1,511,000

Adopted 2018 Public Safety Capital Improvement Fund Projects Total = \$1,333,000

Parks Capital Improvement Projects

Aquatics Major Maintenance (Buildings Operations & Maintenance)

Adopted 2017 = \$50,000

Adopted 2018 = \$35,000

This ongoing project funds various projects relating to the typical maintenance of the Aquatics facilities. Examples of planned projects in 2017 and 2018 include the replacement of circulation pumps, filters, UV maintenance and pump pit upgrades. These projects are more typical maintenance project related to the age and consistent use of the facilities. Project funding is timed to take advantage of expected facility closures and minimize costs of the projects.

Armed Forces Tribute Garden Statues

Adopted 2017 = \$242,000

Adopted 2018 = \$121,000

The Armed Forces Tribute Garden was designed to have seven statues. Only the large, central statue on top of the fountain was purchased and installed. The remaining six statues are designed to be placed in front of each of the Service Branch pillars. This project will fund the purchase and installation of the six remaining statues. Total project cost to install the statues is estimated at \$726,000; additional funding will be pursued through fundraising and future City funding.

Big Dry Creek Trail Update Project

Adopted 2017 = \$160,000

Adopted 2018 = \$160,000

Staff received a \$300,000 grant from Adams County in 2016 for the first phase of this project that will upgrade all of the “soft” Big Dry Creek Trail segments to concrete/crusher combination. This project will transform the trail to an all season trail, provide access for special use groups, increase safety, and create commuter use on the Big Dry Creek Trail.

Bike Share Program

Adopted 2017 = \$30,000

Adopted 2018 = \$30,000

This project funds maintenance, management, and implementation of the City of Westminster’s bike share program in



partnership with business sponsors and the City’s bike share service provider.

Building Operations & Maintenance Rec Center Maintenance - Energy

Adopted 2017 = \$100,000
Adopted 2018 = \$50,000

This project addresses many of the energy savings projects identified in the Ameresco Preliminary Energy Audit completed in 2013 for City recreation facilities to become more energy efficient.

Christopher Fields Dugout Roofs

Adopted 2017 = \$0
Adopted 2018 = \$155,000

This project will replace dugout roofs at Christopher Fields that are rusting and leaking. This facility was built in 2001 and the existing dugout roofs are from the original construction.

City Park Recreation Center Cooling System Replacement

Adopted 2017 = \$0
Adopted 2018 = \$75,000

This project will replace cooling condensers and associated evaporator coils and piping on the three main building cooling systems at the City Park Recreation Center. Total project costs are estimated at \$750,000, with ongoing operational savings of approximately \$14,000. Additional funds are recommended in 2019.

City Park Recreation Center Gym Floor & Racquetball Courts

Adopted 2017 = \$400,000
Adopted 2018 = \$100,000

The hardwood gym floor at City Park Recreation Center is the original flooring that was installed in 1986. The typical life of a hardwood gym floor is 30 years. The floor has been repaired several times during its tenure due to normal use, water damage on multiple occasions, and a backboard failure in 2015. This project will remove and replace the hardwood gym and racquetball court flooring.

Community Enhancement Program

Adopted 2017 = \$2,265,000
Adopted 2018 = \$2,305,000

The project budget will fund a variety of Community Enhancement Program projects throughout the City in the categories of Travel Ways, Neighborhood Enhancement Grants (\$50,000 available annually), City Amenities, Staffing, Maintenance Contracts, and General Maintenance. Key travel way projects for 2017 include the funding of the US 36 and Sheridan Boulevard streetscape and improvements to parks at the Downtown Westminster site (based on awarded grants and development activity). Key amenity projects in 2017 and 2018 include art projects for both the Westminster Station (\$200,000) and Downtown Westminster (\$300,000). Ongoing activities supported by this funding include salaries for Park Services and Design Development Staff, maintenance contracts for the Promenade, medians, right of way areas, and general maintenance that is not outsourced including such as Forestry and the greenhouse.

Community Supported Agriculture (CSA)

Adopted 2017 = \$75,000
Adopted 2018 = \$25,000

This project will initiate a community agriculture program within south Westminster at the Little Dry Creek Open Space at 74th Avenue and Sheridan Boulevard. The CSA would be leased to a private organic agriculture farming operation who would assume all operating costs associated with program. Food would be made available to public through a combination of distribution sites and shares. Beyond the funding for this project, Staff plans to seek grant funding for this project.

Concrete Repair/Replacement

Adopted 2017 = \$60,000
Adopted 2018 = \$0

This project funds minor concrete repairs throughout the entire park system through an annual maintenance program.



Construction Crew Maintenance/Repair

Adopted 2017 = \$30,000

Adopted 2018 = \$40,000

The Construction Crew is dedicated to capital projects where cost savings from the GCIF park projects budgets offsets the cost of the crew. Having this crew in-house increases flexibility and staff capacity to perform infrastructure and capital construction projects within the City. These funds are to provide base supplies and materials needed for minor repairs conducted throughout the park system.

Downtown Westminster Parks

Adopted 2017 = \$3,995,000

Adopted 2018 = \$805,000

The plans for the new Downtown include three major parks including Central Park, East Park, and South Park. Each of these parks will be developed using a phased approach as the Downtown business/residential units come on line for development. These are high use parks, and amenities will be extensive to satisfy user and program needs.

Golf Course Improvements

Adopted 2017 = \$180,000

Adopted 2018 = \$180,000

This ongoing project will allow maintenance and renovation at the City's golf courses. Projects in 2017 and 2018 will focus on Clubhouse/Maintenance needs at the Legacy Ridge and The Heritage at Westmoor Golf Courses; key projects in 2017 and 2018 include kitchen renovations and upgrades at both golf courses, along with a new drinking fountain at Legacy Ridge driving range and a permanent drinking fountain at The Heritage at Westmoor driving range. This project also allows funds to be accumulated over time for major renovation and repair projects that will be necessary at the golf courses.

Heritage Golf Course Cart Path Replacement

Adopted 2017 = \$80,000

Adopted 2018 = \$0

This project will replace 19-year-old sections of the cart path at the driving range, clubhouse, and on golf course to enhance safety and aesthetics.

Landscape Architect II/Project Manager

Adopted 2017 = \$86,000

Adopted 2018 = \$89,000

This position focuses on trail planning and development, park master planning and implementation, grant acquisition and grant administration. Where feasible, project design, planning, construction documentation, and contract administration is coordinated internally by this position. Larger projects may require greater resources, in which case this position facilitates and oversees consultant design work.

Legacy Golf Course Cart Path Replacement

Adopted 2017 = \$70,000

Adopted 2018 = \$0

This project replaces various sections of the cart path throughout the Legacy Ridge Golf Course to enhance safety and aesthetics. The cost is estimated to total \$2.4 million and will be funded over multiple years.

Legacy Golf Course Irrigation System Replacement

Adopted 2017 = \$1,232,000

Adopted 2018 = \$0

This project will replace and upgrade the entire irrigation system for Legacy Ridge Golf Course, a system that is 25 years old.

Library Master Plan Implementation

Adopted 2017 = \$50,000

Adopted 2018 = \$50,000

The Westminster Public Library is in the midst of a master plan process. This project will implement actions informed by the master plan findings and assist with prioritization of these actions over the next five years.



Library Repair and Maintenance

Adopted 2017 = \$50,000

Adopted 2018 = \$50,000

This ongoing project provides funding for the repair and maintenance of the structure and furnishings at the Irving Street and College Hill Libraries. Upcoming projects include furniture replacements at both locations, as well as storage solutions for programming equipment and materials. This project also sets aside money for major capital repairs, maintenance, and replacements at the College Hill and Irving Street Libraries.

Metzger Farm

Adopted 2017 = \$50,000

Adopted 2018 = \$50,000

This project will provide funds to fully open the Metzger Farm farmstead to the public, interpret the site and equipment, and will activate the site through potential partnerships such as community gardens or Community Supported Agriculture. The site is funded by the Broomfield-Westminster Open Space Foundation.

Minor Median Maintenance

Adopted 2017 = \$50,000

Adopted 2018 = \$50,000

This ongoing project provides for minor median plant material replacement and rehabilitation within medians throughout the City. Because of harsh conditions on the medians, plant materials and irrigation requires replacement approximately every seven years.

Mobility Action Plan Implementation-Wayfinding

Adopted 2017 = \$50,000

Adopted 2018 = \$50,000

The Mobility Action Plan is currently being developed to enhance mobility for citizens, businesses and visitors and improve the connectivity of the City's streets, bicycle routes, pedestrian network, transit amenities, open spaces, trails, parks, recreation facilities, libraries, and other civic facilities. Simultaneously, the Wayfinding Design Intent Package is being developed to design the signs for trails and on-street bike and pedestrian connections. These funds would be utilized to implement wayfinding and signage as part of both plans.

Open Space Repair and Maintenance

Adopted 2017 = \$275,000

Adopted 2018 = \$275,000

This ongoing project funds open space improvements and maintenance. Projects examples include fence installation, sign installation, erosion control projects and dam improvements.

Park 1200 Stabilization

Adopted 2017 = \$0

Adopted 2018 = \$60,000

Park 1200 was an existing private park and acquired by the City in January of 2016 for public land dedication as part of the Lucent Technologies Official Development Plan. The park will be redeveloped in the future, but funding is needed for safety and utility improvements to serve the public until redevelopment occurs.

Parks and Recreation Comprehensive Plan

Adopted 2017 = \$200,000

Adopted 2018 = \$0

The 2010-2014 Parks and Recreation Comprehensive Plan is no longer current. A new comprehensive plan is needed to strategically plan and guide the direction of acquisition and development for parks and recreation as the City grows into the next urban center. The plan will include: an updated inventory of existing parks; a walkshed analysis and needs assessment to determine the types of parks and facilities that are needed as well as the areas of the City that are underserved; mission and goals; strategies and actions; performance measures; a capital improvement plan; and a maintenance and operations plan.

Park Maintenance (JCOS)

Adopted 2017 = \$525,000

Adopted 2018 = \$541,000

This ongoing project funds the salaries of staff members the Park Services Division via the use of Jefferson County attributable share funds. These positions will be working in parks in the Jefferson County portion of the City and at City Park.

Park Renovation Program

Adopted 2017 = \$325,000

Adopted 2018 = \$325,000

Projects for 2017 and 2018 will include playground and irrigation improvements at Squires Park and park improvements at Skyline Vista Park. Additional funds are allocated to minor repairs on an as needed basis.

Playground Surface Maintenance

Adopted 2017 = \$60,000

Adopted 2018 = \$60,000

This project targets upgrades to poured in place (PIP) playground surfaces and engineered wood fiber (EWF) for repairs/replacement and on-going annual maintenance. The City currently has 12 playgrounds with PIP surfaces that have annual maintenance needs that are performed on a rotational basis every five years. The City also has 14 playgrounds with sand based surfaces and need to be replaced with EWF to maintain safety standards. The funding level for this project will allow for all playgrounds to sufficiently maintain standards on the five year rotation schedule.

Recreation Facilities Improvements

Adopted 2017 = \$180,000

Adopted 2018 = \$180,000

This ongoing project funding for recreation facilities improvements help maintain the appearance and function of the City's 280,000 square feet of recreation space. The project affects all recreation facilities and project examples for both 2017 and 2018 include the replacement of equipment, tables, carpet, safety equipment, minor flooring repairs, and general wear items at multiple facilities.

Recreation Facilities Major Maintenance (Building Operations & Maintenance)

Adopted 2017 = \$680,000

Adopted 2018 = \$273,000

This ongoing project provides funding for various projects relating to the typical maintenance of the recreation facilities. Projects include more typical maintenance projects related to the age and consistent use of the facilities. The budget is timed to take advantage of expected facility closures and minimize costs of the projects. Key projects for 2017 include the west boiler room configuration and Siemens controls addition at the Swim and Fitness Center, and the replacement of failed glass panes and expansion joints at the City Park Recreation Center. Key projects for 2018 include the replacement of the building automation system at the Irving Street Library, and the replacement of the domestic hot water system and fire sprinkler heads at the City Park Recreation Center.

Skyline Vista Park

Adopted 2017 = \$70,000

Adopted 2018 = \$0

This project will provide upgrades and repairs to Skyline Vista Park, specifically to replace the natural turf court to a synthetic turf surface.

Standley Lake Regional Park Master Plan Implementation Phase 1

Adopted 2017 = \$200,000

Adopted 2018 = \$0

This project implements Phase 1 capital project recommendations in the Standley Lake Regional Park Master Plan aimed to re-position the Lake's prominence in recreation and regional significance, and increase visitation at the park. Multi-year forecast includes detail design and construction based on Master Plan recommendations.



Trail Development

Adopted 2017 = \$180,000

Adopted 2018 = \$200,000

This project will complete trail connections and/or improve trail surfaces, including bridges and culverts, where applicable, throughout the City. Projects for 2017 and 2018 include placing portable toilet stations along the Big Dry Creek Trail, installing site furnishings and signage along the Greenway Trail, developing the I-25 missing trail link; south Westminster trail planning; and planning and development for implementation of the Open Space Stewardship Plan.

Transfer to Golf Course Fund

Adopted 2017 = \$230,000

Adopted 2018 = \$230,000

This transfer from the General Capital Improvement Fund (GCIF) to the Golf Course Fund is necessary in order to attain a balanced budget for the Golf Course Fund and utilized to offset the original financing of the capital infrastructure of the Heritage Golf Course.

Water Play Installation

Adopted 2017 = \$189,000

Adopted 2018 = \$811,000

This project will construct a water play feature in either the north side or west side of Westminster, areas of the City that lack these amenities.

Westminster Sports Center

Adopted 2017 = \$60,000

Adopted 2018 = \$20,000

Westminster Sports Center maintains the appearance and function of the City’s two field, indoor soccer center for use by community groups, sports leagues, and City programming. The facility also includes a community room that can accommodate up to 50 people. Project examples for 2017 and 2018 include the replacement of field turf, equipment, tables, safety equipment, minor flooring repairs, and general wear items.

Westminster Station Park Construction

Adopted 2017 = \$1,500,000

Adopted 2018 = \$1,000,000

The construction of Westminster Station Park will be completed in multiple phases. Phase I, which includes a nature playground with water feature and restrooms, began design in 2016 with construction anticipated in 2017. This project will complete Phase I and complete Phase II. Phase II plans include a xeric garden and pavilions. Prior appropriations for this project were approximately \$1,250,000.

Adopted 2017 Parks Capital Improvement Projects Total = \$13,979,000

Adopted 2018 Parks Capital Improvement Projects Total = \$8,395,000

Adopted 2017 GRAND TOTAL General Capital Improvements Fund = \$33,249,000

Adopted 2018 GRAND TOTAL General Capital Improvements Fund = \$17,807,000

UTILITY FUND CAPITAL IMPROVEMENT FUND PROJECT DESCRIPTIONS

Wastewater System Capital Improvement Projects

City-Wide Open Cut Sewer Repairs

Adopted 2017 = \$990,000

Adopted 2018 = \$0

This ongoing project is for the replacement of high priority sections of sewer collection system piping that have reached the end of their economic life and are problematic due to frequent clogging, grease build up, backups or hydraulic restrictions. Repairs are also prioritized as determined through the City’s inspection program or coordination with other City sewer, street rehabilitation or development projects. Open cut replacement of sanitary sewers is used



where less invasive trenchless technology methods are not possible. The focus of this project is repairs on approximately 2,100 linear feet of existing pipe in residential areas throughout southeast Westminster. The project also includes approximately 300 feet of new sewer along La Place Court. to transition houses currently using septic tanks to City sewer service.

City-Wide Trenchless Sewer Repairs

Adopted 2017 = \$900,000

Adopted 2018 = \$500,000

This ongoing project will provide funds for the repair of deteriorated sanitary sewer lines by trenchless rehabilitation techniques (i.e., pipe lining). Repairs are prioritized based on age and condition as determined through the City's inspection programs. Maintaining sanitary sewers helps to minimize storm water inflow and infiltration into the sanitary sewer collection system, reduces pipeline failures and resulting backups, and helps to reduce costs the City pays for flows directed to the Metro Wastewater Reclamation District. This project helps extend the lifespan of the existing collection system by the most cost-effective methods available. An additional component of this project for 2017 is the purchase of new sewer equipment that can be used for inspection and cleaning of sewers located in tight corridors and/or within small easement areas.

BDCWWTF Biosolids & Dewatering Improvements

Adopted 2017 = \$453,000

Adopted 2018 = \$10,410,000

Wastewater treatment at the Big Dry Creek Wastewater Treatment Facility results in the generation of a byproduct known as biosolids. The biosolids are treated at the facility to make them suitable for land application and are subsequently hauled to the City's Strasburg Natural Resource Farm and other permitted sites for ultimate use as a farming fertilizer. By changing to a dewatered biosolids cake material, per the recommendation of the 2012 Biosolids Management Master Plan, less water will be hauled to the permitted farm sites. This project will yield savings in transportation costs and minimize near- and long-term capital costs required for biosolids disposal.

BDCWWTF Campus-Wide Major R&R

Adopted 2017 = \$3,400,000

Adopted 2018 = \$385,000

The Big Dry Creek Wastewater Treatment Facility (BDCWWTF) is in need of various repairs and replacement of assets as part of its normal operational life. Portions of the Big Dry Creek Wastewater Treatment Facility were constructed in the early 1970's and 1980's and have reached the end of their useful life. Ongoing repair and replacement is necessary to maintain the functionality of the plant and reduce excessive maintenance costs and emergency repairs.

Big Dry Creek Interceptor Sewer Condition Assessment

Adopted 2017 = \$680,000

Adopted 2018 = \$0

Wastewater from the northern two thirds of the City flows through a large wastewater collection system known as the Big Dry Creek Interceptor Sewer (BDCIS). This 22-mile wastewater system provides service to City customers as far south as 92nd Avenue and extends to the northern boundary of the City. The system consists of large pipes ranging in size from 21 to 54-inches in diameter and conveys sewage for subsequent treatment at the City's Big Dry Creek Wastewater Treatment Facility. Several segments of the BDCIS are old, in poor condition, and experience significant rain and groundwater infiltration. Because of its large size and cost, the project to repair the BDCIS must be phased over a multi-year period. The purpose of this project is to perform detailed inspections of the sewer to confirm priority repairs, appropriate phasing for construction work, and anticipated near- and long-term costs associated with the project for financial planning.

Consolidation Study for the N. Huron and Big Dry Creek Lift Stations

Adopted 2017 = \$150,000

Adopted 2018 = \$0

The City's wastewater collection system includes several pump stations that transfer and direct sewer flow to the City's wastewater treatment facilities. These pumping facilities are known as lift stations. Two of these lift stations are located on the campus of the Big Dry Creek Wastewater Treatment Facility including the North Huron Lift station and the Raw Sewage Pump Station. These two stations present significant operational challenges due to their age, condition, and small emergency storage volumes relative to current and future projected flow rates. This project will evaluate



options and costs to combine these two lift stations into a new single, larger lift station.

JD Edwards System Upgrade

Adopted 2017 = \$21,000

Adopted 2018 = \$21,000

This project provides for ongoing JD Edwards EnterpriseOne ERP application upgrades and enhancements, and is necessary to maintain and improve the City’s ability to effectively use JD Edwards for the foreseeable future. The total budget for this project in 2017 is \$210,000 and another \$210,000 in 2018, with costs being distributed between the General Capital Improvement (General and Public Safety) and Utility Funds.

Microsoft Software Upgrades

Adopted 2017 = \$29,000

Adopted 2018 = \$29,000

This project provides for future Microsoft Exchange, SharePoint and Office application upgrades. The project is necessary to ensure feature updates, security enhancements, patches and technical support remain current for these applications. The total budget for this project in 2017 is \$143,000 and another \$143,000 in 2018, with costs being distributed between the General Capital Improvement (General and Public Safety) and Utility Funds.

Ongoing City-Wide Lift Stations R&R

Adopted 2017 = \$200,000

Adopted 2018 = \$200,000

The City’s wastewater collection system includes several pump (or lift) stations that transfer and direct sewer flow to the City’s wastewater treatment facilities. This ongoing project is for the repair and replacement of various items that have reached the end of their useful life or are in poor condition. Item include various pumps, valves, piping, electrical, and communications equipment.

Payment In Lieu of Use Tax (transfer to S&U Tax Fund)

Adopted 2017 = \$114,000

Adopted 2018 = \$221,000

This item represents a payment from the City’s Utility Fund to the City’s Sales and Use Tax, public safety tax, and Parks, Open Space and Trails (POST) Funds. Use taxes must be paid on materials used by contractors on projects for all institutions, including governmental, religious, and charitable organizations. Westminster’s Home Rule Charter requires that the rates and charges for any City utility be fixed as to at least meet all the operating costs of such utility. Therefore, the cost of use tax should be borne by the payer’s rate and factored into utility rates. This payment is calculated based on estimated construction materials used in projects undertaken and managed by the Utility Fund, calculated at the 3.85% use tax rate.

Storage Area Network (SAN) Replacement

Adopted 2017 = \$38,000

Adopted 2018 = \$0

This project involves the replacement of the City's main storage area network (disk drives) and the backup storage area network located at the disaster recovery center. Replacement of the storage area network is required to insure ongoing product support and provide necessary capacity for City files and backups. The total budget for this project \$250,000 in 2017, with costs being distributed between the General Capital Improvement (General and Public Safety) and Utility Funds.

Wastewater Capital Outlay Replacement Program (WW-CORP)

Adopted 2017 = \$230,000

Adopted 2018 = \$201,000

This project funds vehicle, large equipment and copier replacements associated with wastewater operations. 2017 funding is for two additional ½ ton trucks to support the Fat, Oils, Grease and Grit Program, the replacement of a 1982 4” trash pump, and scheduled replacements for two field trucks and a small loader. 2018 funding is for scheduled replacements for a ¾ ton truck and a tractor.



Water Quality Compliance & Testing Facility Repair and Replacement (R&R)
Adopted 2017 = \$17,000**Adopted 2018 = \$95,000**

As part of normal operations for the wastewater treatment facilities, the City is responsible for monitoring compliance with all local, state and federal regulations. A key component of that work involves the collection of many water quality samples and subsequent testing and analysis of those samples in a City-owned laboratory. The purpose of this project is to replace laboratory testing equipment that has reached the end of its useful life. The 2017 budget includes hoods, incubator, digital balance, and floor repairs. The 2018 budget includes miscellaneous repairs and replacements as well as online/instream temperature monitoring

Adopted 2017 Wastewater System Capital Improvement Projects Total = \$7,222,000
Adopted 2018 Wastewater System Capital Improvement Projects Total = \$12,062,000
Water System Capital Improvement Projects
City Hall Cashier System
Adopted 2017 = \$75,000**Adopted 2018 = \$0**

This project replaces the existing cashier system located at City Hall as the current system will not be supported by the end of 2017. Transactions processed at City Hall through this system provide citizens an integral means to make payments to the City for predominately water bill payments. Other payments collected for the system include building permit fees and passport fees. Prior appropriations for this project were \$75,000.

Croke Canal and Standley Lake Improvements
Adopted 2017 = \$0**Adopted 2018 = \$550,000**

The City of Westminster's water supply relies on a portfolio of water rights with an estimated value of \$1 billion and a complex network of infrastructure to deliver, store, and release that water. About three-quarters of the City's water supply comes from snowmelt in the Clear Creek basin, and the rest is delivered from the Western Slope via Denver Water's Moffat system or via Coal Creek. To operate the raw water system the City relies on infrastructure assets owned 100% by Westminster as well as those having shared ownership with other entities. This project funds the City's portion of repair and replacement costs as members of the Croke Canal Co. The repair items that have been identified include repairs to the Croke Canal, ongoing repairs to the Standley Lake spillway, and adding new instrumentation and limit switches to valves in the Standley Lake Valve House.

Comprehensive Water Supply Plan- Reclaimed Distribution System Improvements
Adopted 2017 = \$0**Adopted 2018 = \$100,000**

Westminster has operated a reclaimed water system since 1999. The City's reclaimed water distribution system is a valuable source of water supply and is critical to meeting Westminster's water demands now and into the future. At build out, the reclaimed water distribution system will deliver 3,500 acre-feet of water a year and comprise more than ten percent of the City's total water supply. This project includes miscellaneous piping and valve repairs to maintain the reliability of the reclaimed water distribution system. Also included are miscellaneous new pipelines required to connect new customers.

Gravel Lakes Facilities Major R&R
Adopted 2017 = \$0**Adopted 2018 = \$50,000**

This on-going project funds infrastructure needs at the City's gravel lakes. These facilities were developed primarily for the purpose of exchanging water rights to provide additional water to Standley Lake, and to help protect the water quality of Standley Lake. The project includes general annual maintenance and repair for the City's gravel lake facilities. Also included is a new lake level measuring device with recording and SCADA capabilities. This new lake level gage will enhance operations of Jim Baker reservoir thereby increasing the City's firm yield water supply.

**High Service Pump Station Improvements****Adopted 2017 = \$4,500,000****Adopted 2018 = \$0**

The City operates several potable water pump stations and storage tanks that are used to meet potable demands and for fire flow service during emergencies. Regular repairs and parts replacement are needed for these assets as part of their normal operational life. The High Service Pump Station (HSPS) is the single largest pump station in the City's water system and supplies the vast majority of potable water to City customers. This station is capable of pumping over 60 million gallons per day and has been in reliable service for many years. This project focuses on age-based repairs to the existing station and constructing new facilities to serve as redundancy during times when the existing HSPS is out of service for maintenance, repairs or emergency situations.

JD Edwards System Upgrade**Adopted 2017 = \$21,000****Adopted 2018 = \$21,000**

This project provides for ongoing JD Edwards EnterpriseOne ERP application upgrades and enhancements, and is necessary to maintain and improve the City's ability to effectively use JD Edwards for the foreseeable future. The total budget for this project in 2017 is \$210,000 and another \$210,000 in 2018, with costs being distributed between the General Capital Improvement (General and Public Safety) and Utility Funds.

Microsoft Software Upgrades**Adopted 2017 = \$29,000****Adopted 2018 = \$29,000**

This project provides for future Microsoft Exchange, SharePoint and Office application upgrades. The project is necessary to ensure feature updates, security enhancements, patches and technical support remain current for these applications. The total budget for this project in 2017 is \$143,000 and another \$143,000 in 2018, with costs being distributed between the General Capital Improvement (General and Public Safety) and Utility Funds.

MSC Gasoline Remediation**Adopted 2017 = \$103,000****Adopted 2018 = \$10,000**

This ongoing project is due to a historic release of gasoline from a former underground storage tank and distribution system resulting in the State regulatory agency requiring remediation of the resultant groundwater gasoline contamination plume. Recovery of accessible gasoline from the subsurface was completed by the City. The current scope of work is to calculate future stability of the remaining plume and to undertake long-term groundwater monitoring.

On-Going Water Treatment Facilities R&R**Adopted 2017 = \$0****Adopted 2018 = \$640,000**

The Semper Water Treatment Facility was originally constructed in 1969 and requires regular repairs and replacement of assets as part of its normal operational life. The Northwest Treatment Facility was originally constructed in 2001 and also requires regular repairs and replacement of assets as part of its normal operational life. This project includes funds to repair and/or replace assets including filter pipes, instrumentation, electrical wiring, and concrete for critical structures. These funds are also used to replace assets that fail unexpectedly.

Payment In Lieu of Use Tax (transfer to S&U Tax Fund)**Adopted 2017 = \$287,000****Adopted 2018 = \$298,000**

This item represents a payment from the City's Utility Fund to the City's Sales and Use Tax, public safety tax, and Parks, Open Space and Trails (POST) Funds. Use taxes must be paid on materials used by contractors on projects for all institutions, including governmental, religious, and charitable organizations. Westminster's Home Rule Charter requires that the rates and charges for any City utility be fixed as to at least meet all the operating costs of such utility. Therefore, the cost of use tax should be borne by the payer's rate and factored into utility rates. This payment is calculated based on estimated construction materials used in projects undertaken and managed by the Utility Fund, calculated at the 3.85% use tax rate.

Raw Water System Efficiency Improvements
Adopted 2017 = \$0**Adopted 2018 = \$50,000**

The City's Comprehensive Water Supply Plan calls for a certain amount of water rights to be acquired by the City to support build-out water demands. Some water rights, when first acquired, are designated for non-municipal use. This project involves funding the formal process required for changing non-municipal use water rights into municipal use and funding legal processes required for various water rights exchanges. Formally changing the designation of water rights is necessary before they are available for use by the City. This project also includes conservation plan implementation projects such as low water use plumbing fixture rebates and ongoing construction of additional flow measurement facilities for the streams and canals.

Raw Water System Improvements & R&R**Adopted 2017 = \$0****Adopted 2018 = \$400,000**

The City of Westminster's water supply relies on a portfolio of water rights with an estimated value of \$1 billion and a complex network of infrastructure to deliver, store, and release that water. About three-quarters of the City's water supply comes from snowmelt in the Clear Creek basin, and the rest is delivered from the Western Slope via Denver Water's Moffat system or via Coal Creek. To operate the raw water system the City relies on infrastructure assets owned 100% by Westminster as well as those having shared ownership with other entities. This project funds the City's prorated portion of various repairs to the facilities at Standley Lake, the Croke Canal, the Thornton West Gravel Lakes and Jim Baker Reservoir. Funds from this project will also be used to perform regular and planned updates to the City's Water Supply Planning Computer Model.

Reclaimed Water Treatment Facility Major R&R**Adopted 2017 = \$0****Adopted 2018 = \$160,000**

The City's Reclaimed Water Treatment Facility was constructed in 1999 and requires regular repairs and replacement of assets as part of its normal operational life. This project will replace the outdated single-wall chemical feed piping with new, double-wall piping meeting current standards. The new piping will safely contain chemicals in the event of a leak thereby providing a safer work environment for operations and maintenance workers.

Replacement Utility Billing Software**Adopted 2017 = \$300,000****Adopted 2018 = \$0**

This project replaces the current Utility Billing Software with a system that will provide the tools needed for the evolving complexities of the water, wastewater, and stormwater programs, reporting functionalities, and web portal integration to provide customer tools to research consumption and billing records. Prior appropriations for this project total \$250,000.

Residential Water Meters Replacement Phases 1 and 2**Adopted 2017 = \$0****Adopted 2018 = \$6,500,000**

The City owns and maintains over 30,000 water meters throughout the distribution system. These meters are used to accurately determine water use and are the basis for customer billings. The vast majority of the City's meters are single family residential meters. These meters need to be replaced at regular intervals due to their age, condition, and replacement part obsolescence. The focus of this project is to replace all of the City's residential water meters using a 2-year, phased approach. The project also includes replacing meter appurtenances and connection piping in older parts of the City where pipe corrosion is most severe. A new meter reading system will be installed to streamline labor required for meter reading and to save costs associated with monthly water billing.

SCADA & PLC Updates**Adopted 2017 = \$0****Adopted 2018 = \$900,000**

This project includes repairs, replacements, improvements and upgrades to utility PLC and SCADA components. SCADA stands for Supervisory Control and Data Acquisition. PLC stands for Programmable Logic Control. PLC and SCADA work together to help operations Staff control instruments, machinery and equipment of pump station, water



tank, and water treatment processes. Together the SCADA and PLC system also provide a means for utilities operations Staff to remotely control equipment in emergency situations. This project is a multi-year project to replace worn PLCs and SCADA equipment on a regularly scheduled plan. A small portion of this funding supports opportunistic installation of fiber optic cable if/when it can be leveraged with other City-wide projects. Fiber optic cable is a communication system alternative to radio communications. Fiber is highly reliable but stand-alone fiber optic projects can be cost prohibitive. Leveraging funds for installation simultaneously with pipelines other types of projects has been a very effective way to expand the City’s fiber communications system.

Semper WTF Replacement Siting Study & Capacity Confirmation

Adopted 2017 = \$0
Adopted 2018 = \$610,000

The City owns and operates two potable water treatment facilities that supply water to customers. These are the Semper Water Treatment Facility (Semper) and the Northwest Water Treatment Facility (Northwest). Semper is by far the larger of the two plants and treats the vast majority of potable water for this City. Semper is nearly 50 years old with a significant number of its assets at or beyond their predicted useful life. A study was completed in 2015 to confirm the future of the Semper plant and how best to meet current and future potable water demands. The key finding of the master plan was that replacing Semper with a new facility is more cost-effective than rehabilitating the existing plant. The purpose of the siting study in 2018 is to confirm a layout for the new facilities and the best location for its construction. Construction will be phased over the next 25 years. Initial construction is anticipated to begin in 2023 and the first phase in service by 2025.

Sheridan Boulevard Main Repair - South of US36

Adopted 2017 = \$3,000,000
Adopted 2018 = \$0

The Public Works and Utilities Department maintains over 560 miles of water distribution system pipelines ranging in size from 4 inches to 54 inches. Over time, these mains age and require replacement. Prioritizing their replacement is based on a number of variables including pipe criticality, vulnerability, age, break history, water quality considerations, and coordination with other City projects and with projects from CDOT or other agencies. In 2014, Staff completed an evaluation of the City’s water distribution system that identified the transmission main along Sheridan Boulevard as a priority for R&R. The large size of this project requires repair or replacement to be implemented using a phased approach. The first phase of the Sheridan Boulevard waterline R&R focuses on the area from roughly 88th Avenue South to 70th Avenue. Timing is especially important for coordination with other City utility work in this area, including: 1) water and sewer R&R projects on 88th Avenue for the new downtown; 2) water main replacement as part of the Pressure Zone 3 Expansion Project; and 3) sewer replacement for the Little Dry Creek Interceptor Sewer R&R Project. Future phases will extend north to 120th Ave.

Storage Area Network (SAN) Replacement

Adopted 2017 = \$50,000
Adopted 2018 = \$0

This project involves the replacement of the City's main storage area network (disk drives) and the backup storage area network located at the disaster recovery center. Replacement of the storage area network is required to insure ongoing product support and provide necessary capacity for City files and backups. The total budget for this project \$250,000 in 2017, with costs being distributed between the General Capital Improvement (General and Public Safety) and Utility Funds.

Teleworks Upgrade

Adopted 2017 = \$42,000
Adopted 2018 = \$70,000

This Project funds the upgrade or replacement of the City’s Web/Interactive Voice Response system that is used for utility billing payments/information and reminder calls to jurors and defendants for Municipal Court. The total budget for this project in 2017 is \$60,000 and another \$100,000 in 2018, with costs being distributed between the General Capital Improvement (General) and Utility (Water) Funds.



Temporary Utility Fund Engineer

Adopted 2017 = \$100,000

Adopted 2018 = \$0

Various water infrastructure throughout the City is in need of repair/replacement due to age, break history, and/or necessary upgrades to improve service, pressure, and/or fire flow capacity. Factors affecting project timing and project phasing include water break history/frequency, magnitude of the difference between current versus long-term targeted water pressures, development needs, planned street improvements, and coordination with other capital projects that may be occurring in the same area (i.e., sewer repairs, reclaimed water pipelines, etc.). Another key factor affecting project timing is staff resources. Currently the Utility Engineering department is staffed to support the City's historic priority project load from year to year. However, the Zone 3 Expansion project represents a significant work load that is in addition to the efforts required to implement the Utility's ongoing capital improvement program. To support this additional work load, an additional 1 FTE of an engineering position is necessary for a temporary time frame. Capital funds fund this FTE because the need for this position is directly linked with implementing the Zone 3 Expansion capital improvement project.

Utility Fund Facilities Parking Lot Maintenance Program

Adopted 2017 = \$0

Adopted 2018 = \$30,000

The project provides funds for contractual crack sealing, resurfacing, sealcoating and concrete replacement as required at nine utility-related municipal sites. Rotation for asphalt pavement requires crack sealing every three years and a rotation for sealcoating every six years.

Water Capital Outlay Replacement Program (W-CORP)

Adopted 2017 = \$506,000

Adopted 2018 = \$389,000

This project funds vehicle, large equipment and copier replacements associated with water operations. 2017 funding is for the addition of a new forklift and two additional field trucks for the back flow prevention program, along with the scheduled replacements five field trucks, and the replacements of three trailers, and a vac-tron excavation truck. 2018 funding is for the replacement of a trailer, a tandem dump truck and a step and box van.

Water Transmission Main Valves

Adopted 2017 = \$650,000

Adopted 2018 = \$0

The Public Works and Utilities Department maintains over 560 miles of water distribution system pipelines with over 11,000 valves. These valves are used to isolate pipeline sections during construction projects, water main breaks, or other emergencies. Over time, these valves age and require replacement. Prioritizing their replacement is based on a number of variables including criticality, vulnerability, age, break history for pipes in the vicinity, water quality considerations, and coordination with other City projects and with projects from CDOT or other agencies. In 2014, Staff completed an evaluation of the City's valves in the system which identified valves along large transmission mains as top priority for repairs and replacement. 2017 funding supports repair and replacement of 3 to 5 large valves in the system and is the first phase of an ongoing project to repair and reinvest in the water system to sustain quality utility services.

Water Treatment Facilities Chlorine Storage Tanks R&R

Adopted 2017 = \$0

Adopted 2018 = \$400,000

The Semper Water Treatment Facility was originally constructed in 1969 and requires regular repairs and replacement of assets as part of its normal operational life. This project includes routine and planned rehabilitation of the chemical tanks used to store chlorine. Repairs will be made to six sodium hypochlorite storage tanks including four at the Semper Water Treatment Facility and two at the Northwest Treatment Facility. New chlorine analyzers are also included in the project.

Westside Pump Stations Construction - Countryside Pump Station & Tank

Adopted 2017 = \$6,750,000

Adopted 2018 = \$0

The City operates several potable water pump stations and storage tanks that are used to meet potable demands and for



fire flow service during emergencies. Regular repairs and parts replacement are needed for these assets as part of their normal operational life. Repairs to the Countryside Pump Station and storage tank are the focus of this project. The needed repairs and safety/code compliance improvements for the current below-ground pump station are extensive so a new, more accessible pump station is planned. Repairs to the water storage tank are required to maintain its structural integrity, compliance with safe drinking water regulations, and improvements to tank safety for maintenance personnel. The design phase of this project commenced in 2016 and the construction phase is planned to follow in 2017.

Zone 3 Expansion

Adopted 2017 = \$1,100,000

Adopted 2018 = \$13,300,000

Improvements to the water system in central Westminster have been part of the utility master planning process for many years. Priority improvements target the area west of US 36 to Pierce Street and north/south between approximately 88th Avenue and the Farmers High Line Canal. This project includes connecting this improvement area to an adjacent section of the distribution system referred to as Pressure Zone 3. New waterlines, pump station and storage tank will increase system performance/redundancy now and through build out for a large portion of the City. 2017 and 2018 funding will be used for land acquisition and construction of the new elevated storage tank.

Adopted 2017 Water System Capital Improvement Projects Total = \$17,513,000

Adopted 2018 Water System Capital Improvement Projects Total = \$24,507,000

Stormwater System Capital Improvement Projects

Big Dry Creek Stabilizations

Adopted 2017 = \$250,000

Adopted 2018 = \$250,000

This project was identified as a priority for drainage improvements and stormwater management along Big Dry Creek in several reaches throughout the City. The project includes channel stabilization, culvert and bridge replacement and drop structure installation.

City Park Channel Phase #2

Adopted 2017 = \$100,000

Adopted 2018 = \$0

This project includes channel improvements along the south side of 120th Avenue between Lowell Boulevard and Big Dry Creek to improve the flow of water and reduce the risk of flooding during a major storm event. This is a priority project for the City as well as the Urban Drainage and Flood Control District (UDFCD) and the City and County of Broomfield, and costs will be shared. The funding for this project represents the City’s portion of the larger project.

Miscellaneous Storm Drainage Improvements

Adopted 2017 = \$434,000

Adopted 2018 = \$1,112,000

This project is used for drainageway maintenance, flood control improvements, street sweeping and various local drainage improvement projects. These projects benefit the City by reducing the risk of flooding, improving drainage, and ensuring ongoing compliance with the federal Clean Water Act and the City’s municipal separate storm sewer system (MS4) permit administered by the State. Funds are also used as a local match for UDFCD projects.

Payment In Lieu of Use Tax (transfer to S&U Tax Fund)

Adopted 2017 = \$18,000

Adopted 2018 = \$32,000

This item represents a payment from the City’s Utility Fund to the City’s Sales and Use Tax, public safety tax, and Parks, Open Space and Trails (POST) Funds. Use taxes must be paid on materials used by contractors on projects for all institutions, including governmental, religious, and charitable organizations. Westminster’s Home Rule Charter requires that the rates and charges for any City utility be fixed as to at least meet all the operating costs of such utility. Therefore, the cost of use tax should be borne by the payer’s rate and factored into utility rates. This payment is calculated based on estimated construction materials used in projects undertaken and managed by the Utility Fund, calculated at the 3.85% use tax rate.



South Branch Hylands Creek

Adopted 2017 = \$378,000

Adopted 2018 = \$631,000

This project was identified as a priority for drainage improvements and stormwater management along Hylands Creek generally in the area of 104th Avenue and Sheridan Boulevard. The project includes channel stabilization, drop structure installation and sanitary sewer pipe protection. This is also listed on Urban Drainage CIP list for matching funds.

Storm Water Pipe Cleaning, GPS Locating & Inspection

Adopted 2017 = \$70,000

Adopted 2018 = \$70,000

The City maintains an extensive network of storm water pipelines and devices. This project provides for the cleaning and televising of this infrastructure over the next five years (2017-2021). The project also includes an update of the locating of this infrastructure in the City’s GIS system to ensure an accurate location is identified for future use.

Transit Oriented Development (TOD) Water Quality Pond

Adopted 2017 = \$500,000

Adopted 2018 = \$0

This project includes the construction of an approximately 2-acre water quality pond at the TOD site. This is a creative regional solution that centralizes stormwater management and maximizes the developable footprint for each lot within the TOD site, making the sites even more valuable and attractive for development. This project is also critical for compliance with the City’s municipal separate storm sewer system (MS4) permit administered by the State.

Walnut Creek Stabilizations

Adopted 2017 = \$0

Adopted 2018 = \$250,000

This project includes channel stabilization, property acquisition, culvert and bridge replacement, drop structure and trail installation, as identified in the 2007 Storm Drainage Study. The project will consist of stream bank stabilization, drop structure installation and sanitary pipe protection generally in the area between Church Ranch Boulevard and Wadsworth Parkway.

Adopted 2017 Stormwater System Capital Improvements Total = \$1,750,000

Adopted 2018 Stormwater System Capital Improvements Total = \$2,345,000

Adopted 2017 GRAND TOTAL Utility Fund Capital Improvements Total = \$26,485,000

Adopted 2018 GRAND TOTAL Utility Fund Capital Improvements Total = \$38,914,000

ADOPTED 2017 GRAND TOTAL CAPITAL IMPROVEMENT PROGRAM = \$59,734,000

ADOPTED 2018 GRAND TOTAL CAPITAL IMPROVEMENT PROGRAM = \$56,721,000



2017-2021 CAPITAL IMPROVEMENT PROGRAM

	ADOPTED 2017	ADOPTED 2018	REC 2019	REC 2020	REC 2021	REC TOTAL
GENERAL CAPITAL IMPROVEMENT FUND						
Streets and Traffic Improvements						
112th Ave Improvements at Westminster Blvd	\$125	\$125	\$0	\$0	\$0	\$250
92nd Avenue, Harlan Street to Ingalls Street	\$0	\$250	\$0	\$0	\$0	\$250
Arterial Roadway Rehabilitation	\$1,081	\$1,033	\$1,215	\$1,288	\$1,365	\$5,982
Bicycle Master Plan Implementation	\$50	\$50	\$50	\$50	\$50	\$250
Bike-N-Ride Shelters	\$0	\$43	\$0	\$0	\$0	\$43
Bradburn Trail Connection to Little Dry Creek	\$0	\$0	\$150	\$150	\$0	\$300
City Center Drive Reconstruction	\$0	\$0	\$0	\$0	\$58	\$58
Federal Parkway Improvements 120th to 122nd Avenue (citizen request)	\$170	\$750	\$1,649	\$0	\$0	\$2,569
Geographic Information System Upgrades	\$25	\$25	\$0	\$25	\$25	\$100
Lowell Blvd (120th to 124th Avenue) (IGA Requirement with Broomfield)	\$425	\$425	\$300	\$0	\$0	\$1,150
Lowell Blvd (81st to 84th Sidewalk Improvements)	\$0	\$130	\$0	\$0	\$0	\$130
Major Concrete Replacement Program	\$300	\$100	\$100	\$100	\$100	\$700
Mobility and Transportation Plan Implementation	\$100	\$100	\$0	\$0	\$0	\$200
New Development Participation	\$0	\$50	\$50	\$50	\$50	\$200
New Street Light Program	\$25	\$25	\$25	\$25	\$25	\$125
New Traffic Signals & Traffic Signal Replacements	\$600	\$200	\$237	\$237	\$237	\$1,511
Sidewalk Connection	\$60	\$0	\$65	\$65	\$0	\$190
Tiger Grant-Sheridan and Church Ranch Underpass	\$0	\$400	\$618	\$0	\$0	\$1,018
Westminster Center Urban Reinvestment Project (WURP) Roadway	\$1,676	\$400	\$856	\$290	\$190	\$3,412
Total Streets and Traffic Improvements	\$4,637	\$4,106	\$5,315	\$2,280	\$2,100	\$18,438
Other General Capital Improvements						
ADA Modifications	\$100	\$40	\$50	\$30	\$0	\$220
Big Dry Creek Equipment Storage Facility Heating & Insulation	\$0	\$70	\$0	\$0	\$0	\$70
BO&M Computerized Maintenance Management (CMMS)	\$35	\$35	\$0	\$0	\$0	\$70
Bridge, Pedestrian Railing Repainting	\$887	\$650	\$450	\$800	\$550	\$3,337
Building Operations and Maintenance (BO&M) Major Maintenance	\$400	\$141	\$150	\$150	\$150	\$991
City Facilities Parking Lot Maintenance Program	\$125	\$100	\$135	\$135	\$140	\$635
City Facilities Parking Lot Major Rehabilitation and Reconstruction	\$176	\$150	\$200	\$225	\$250	\$1,001
City Facility Energy Project Coordinator	\$110	\$113	\$117	\$121	\$125	\$586
City Hall and Facilities Space Renovations	\$650	\$750	\$650	\$0	\$0	\$2,050
City Hall HVAC Work	\$0	\$75	\$180	\$180	\$180	\$615
City Hall Security Upgrades	\$150	\$150	\$60	\$0	\$0	\$360
Downtown Westminster Investment (Parking Structure & Other Investments)	\$3,350	\$750	\$1,000	\$2,411	\$1,539	\$9,050
Facility & Infrastructure Stewardship	\$0	\$0	\$0	\$64	\$64	\$128
Historic Saint Anthony North Contribution (citizen request)	\$150	\$0	\$0	\$0	\$0	\$150
Historic Structure Maintenance	\$86	\$50	\$50	\$100	\$100	\$386
Innovation Pavillion	\$150	\$0	\$0	\$0	\$0	\$150
JD Edwards System Upgrade	\$84	\$84	\$24	\$24	\$24	\$240
Laserfiche Upgrades / Additional Licenses	\$34	\$28	\$66	\$28	\$25	\$181
Microsoft Software Upgrades	\$57	\$57	\$57	\$57	\$57	\$285
Miscellaneous CD Construction Projects	\$20	\$25	\$25	\$50	\$50	\$170
Pavement Management System Upgrade	\$100	\$0	\$0	\$0	\$0	\$100
Quiet Zone at 112th Avenue	\$0	\$50	\$0	\$0	\$0	\$50
Quiet Zone at 72nd Avenue/ Lowell Blvd/ Bradburn Blvd	\$255	\$400	\$100	\$0	\$0	\$755
Railroad Crossing Surface Replacement Program	\$0	\$50	\$38	\$0	\$0	\$88
Ralston House	\$260	\$0	\$0	\$0	\$0	\$260

NOTE: All amounts are dollars in thousands.



	ADOPTED 2017	ADOPTED 2018	REC 2019	REC 2020	REC 2021	REC TOTAL
Real Estate/Economic Development Strategic Fund	\$500	\$0	\$0	\$0	\$0	\$500
Rental Housing Electronic Licensing and Inspection System	\$100	\$0	\$0	\$0	\$0	\$100
South Westminster Revitalization Project	\$25	\$25	\$40	\$50	\$50	\$190
Storage Area Network (SAN) Replacement	\$100	\$0	\$0	\$0	\$0	\$100
Teleworks Upgrade	\$18	\$30	\$0			\$48
Westminster Center Urban Reinvestment Project (WURP) City Participa- tion	\$5,200	\$150	\$150	\$150	\$150	\$5,800
Total Other Capital Projects	\$13,122	\$3,973	\$3,542	\$4,575	\$3,454	\$28,666
Total General Capital Improvement Projects (non-Public Safety)	\$17,759	\$8,079	\$8,857	\$6,855	\$5,554	\$47,104
Public Safety Capital Improvements						
CAD to CAD Dispatch System	\$168	\$150	\$0	\$0	\$0	\$318
CAD/RMS Software Upgrades	\$140	\$140	\$140	\$140	\$140	\$700
Fire Administration-Office Creation and Reconfiguration	\$0	\$0	\$46	\$0	\$0	\$46
Fire Station Emergency Generator	\$50	\$50	\$50	\$50	\$50	\$250
Fire Station Major Modifications-Door Locks	\$46	\$0	\$0	\$0	\$0	\$46
Fire Station Major Modifications-General	\$60	\$30	\$50	\$50	\$110	\$300
Fire Station Major Renovations (Fire Station 4)	\$0	\$0	\$0	\$750	\$1,500	\$2,250
JD Edwards System Upgrade	\$84	\$84	\$24	\$24	\$24	\$240
Microsoft Software Upgrades	\$28	\$28	\$28	\$28	\$28	\$140
New Municipal Court Facility Design	\$380	\$536	\$400	\$0	\$0	\$1,316
Public Safety Center Building Infrastructure	\$50	\$50	\$50	\$50	\$50	\$250
Public Safety Center Carpet Replacement	\$50	\$50	\$50	\$110	\$0	\$260
Public Safety Center Space Study	\$0	\$65	\$0	\$0	\$0	\$65
Public Safety Facilities' Maintenance (BO&M)	\$293	\$120	\$130	\$200	\$200	\$943
Public Safety Tax-Energy Projects	\$40	\$30	\$40	\$30	\$0	\$140
Station 3 Air Compressor	\$60	\$0	\$0	\$0	\$0	\$60
Storage Area Network (SAN) Replacement	\$62	\$0	\$0	\$0	\$0	\$62
Total Public Safety Capital Projects	\$1,511	\$1,333	\$1,008	\$1,432	\$2,102	\$7,386
Total General Non-Park Projects	\$19,270	\$9,412	\$9,865	\$8,287	\$7,656	\$54,490
Park Improvements						
Aquatics Major Maintenance (BO&M)	\$50	\$35	\$50	\$35	\$35	\$205
Armed Forces Tribute Garden Statues	\$242	\$121	\$121	\$121	\$0	\$605
Big Dry Creek Trail Update Project	\$160	\$160	\$120	\$0	\$0	\$440
Bike Share Program	\$30	\$30	\$30	\$30	\$30	\$150
BO&M Rec Center Maintenance - Energy CTF	\$100	\$50	\$160	\$0	\$0	\$310
Christopher Fields Dugout Roofs	\$0	\$155	\$0	\$0	\$0	\$155
City Park Recreation Center Cooling System Replacement	\$0	\$75	\$675	\$0	\$0	\$750
City Park Recreation Center Gym Floor & Racquetball Courts	\$400	\$100	\$250	\$250	\$0	\$1,000
City Park Recreation Center Locker Replacement	\$0	\$0	\$55	\$55	\$55	\$165
City Park Recreation Ozone Units for Deep Well & Main Pool	\$0	\$0	\$0	\$90	\$90	\$180
Community Enhancement Program	\$2,265	\$2,305	\$2,310	\$2,315	\$2,320	\$11,515
Community Supported Agriculture	\$75	\$25	\$50	\$50	\$50	\$250
Concrete Repair/Replacement	\$60	\$0	\$60	\$60	\$60	\$240
Construction Crew Maintenance/Repair	\$30	\$40	\$50	\$50	\$50	\$220
Downtown Westminster Parks	\$3,995	\$805	\$650	\$1,500	\$1,500	\$8,450
Golf Course Improvements	\$180	\$180	\$75	\$200	\$200	\$835
Greenbelt & Drainage Improvements	\$0	\$0	\$50	\$25	\$0	\$75
Heritage Golf Course Cart Path Replacement	\$80	\$0	\$40	\$40	\$0	\$160
Heritage Golf Course Irrigation System Replacement	\$0	\$0	\$0	\$0	\$650	\$650
Landscape Architect II/ Project Manager	\$86	\$89	\$92	\$95	\$98	\$460
Legacy Golf Course Cart Path Replacement	\$70	\$0	\$0	\$0	\$0	\$70
Legacy Golf Course Irrigation System Replacement	\$1,232	\$0	\$500	\$361	\$307	\$2,400

NOTE: All amounts are dollars in thousands.



	ADOPTED 2017	ADOPTED 2018	REC 2019	REC 2020	REC 2021	REC TOTAL
Library Master Plan Implementation	\$50	\$50	\$25	\$25	\$25	\$175
Library Repair and Maintenance	\$50	\$50	\$30	\$30	\$30	\$190
McKay Lake Open Space Parking Lot Site Plan/Expansion	\$0	\$0	\$0	\$0	\$100	\$100
Metzger Farm	\$50	\$50	\$50	\$25	\$25	\$200
Minor Median Maintenance	\$50	\$50	\$50	\$50	\$50	\$250
Mobility Action Plan Implementation-Wayfinding	\$50	\$50	\$50	\$50	\$0	\$200
Open Space Land Acquisition	\$0	\$0	\$175	\$175	\$175	\$525
Open Space Repair and Maintenance	\$275	\$275	\$200	\$0	\$0	\$750
Park 1200 Stabilization	\$0	\$60	\$0	\$0	\$0	\$60
Park and Recreation Comprehensive Plan	\$200	\$0	\$0	\$0	\$0	\$200
Park Maintenance (JCOS)	\$525	\$541	\$570	\$580	\$590	\$2,806
Park Operations Facilities Repair and Maintenance	\$0	\$0	\$30	\$30	\$30	\$90
Park Renovation Program	\$325	\$325	\$425	\$400	\$400	\$1,875
Playground Surface Maintenance	\$60	\$60	\$120	\$120	\$120	\$480
Recreation Facilities Improvements	\$180	\$180	\$250	\$250	\$250	\$1,110
Recreation Facilities Major Maintenance (BO&M)	\$680	\$273	\$200	\$200	\$200	\$1,553
Semper Farm Master Plan	\$0	\$0	\$0	\$0	\$25	\$25
Skyline Vista Park	\$70	\$0	\$70	\$0	\$0	\$140
Standley Lake Regional Park Master Plan Implementation Phase 1	\$200	\$0	\$0	\$0	\$0	\$200
Trail Development	\$180	\$200	\$50	\$50	\$50	\$530
Transfer to Golf Course Fund	\$230	\$230	\$230	\$230	\$230	\$1,150
Water Play Installation	\$189	\$811	\$0	\$0	\$0	\$1,000
Westminster Sports Center	\$60	\$20	\$20	\$20	\$20	\$140
Westminster Station Park Construction	\$1,500	\$1,000	\$100	\$200	\$200	\$3,000
Total Park Improvements	\$13,979	\$8,395	\$7,983	\$7,712	\$7,965	\$46,034
<i>Subtotal Streets</i>	<i>\$4,637</i>	<i>\$4,106</i>	<i>\$5,315</i>	<i>\$2,280</i>	<i>\$2,100</i>	<i>\$18,438</i>
<i>Subtotal Other Capital Projects</i>	<i>\$13,122</i>	<i>\$3,973</i>	<i>\$3,542</i>	<i>\$4,575</i>	<i>\$3,454</i>	<i>\$28,666</i>
<i>Subtotal Public Safety</i>	<i>\$1,511</i>	<i>\$1,333</i>	<i>\$1,008</i>	<i>\$1,432</i>	<i>\$2,102</i>	<i>\$7,386</i>
<i>Subtotal Parks Projects</i>	<i>\$13,979</i>	<i>\$8,395</i>	<i>\$7,983</i>	<i>\$7,712</i>	<i>\$7,965</i>	<i>\$46,034</i>
GENERAL CAPITAL IMPROVEMENT FUND TOTAL	\$33,249	\$17,807	\$17,848	\$15,999	\$15,621	\$100,524
UTILITY ENTERPRISE FUND						
Wastewater System Improvements						
2017/18 City-Wide Open Cut Sewer Repairs	\$990	\$0	\$0	\$0	\$0	\$990
2017/18 City-Wide Trenchless Sewer Repairs	\$900	\$500	\$0	\$0	\$0	\$1,400
2019 Interceptor Sewer Repair & Replacement	\$0	\$0	\$4,100	\$0	\$0	\$4,100
88th & Zuni Lift Station Repair & Replacement	\$0	\$0	\$3,400	\$0	\$0	\$3,400
BDCWWTF Biosolids & Dewatering Improvements	\$453	\$10,410	\$1,893	\$0	\$0	\$12,756
BDCWWTF Campus-Wide Major R&R	\$3,400	\$385	\$385	\$385	\$385	\$4,940
BDCWWTF Electrical Equipment Replacement	\$0	\$0	\$0	\$0	\$3,188	\$3,188
BDCWWTF Phosphorous Removal Enhancements	\$0	\$0	\$0	\$0	\$3,000	\$3,000
Big Dry Creek Interceptor Sewer Condition Assessment	\$680	\$0	\$0	\$0	\$0	\$680
Big Dry Creek Interceptor Sewer Repair & Replacement - Phase I	\$0	\$0	\$0	\$1,330	\$0	\$1,330
Consolidation Study for the N. Huron and Big Dry Creek Lift Stations	\$150	\$0	\$0	\$0	\$0	\$150
East Side Sewers Repair & Replacement	\$0	\$0	\$0	\$860	\$0	\$860
Forcemain Repair and Replacement - 95th & Federal and 87th & Wads Old Forcemains	\$0	\$0	\$0	\$1,083	\$0	\$1,083
JD Edwards System Upgrade	\$21	\$21	\$6	\$6	\$6	\$60
Microsoft Software Upgrades	\$29	\$29	\$29	\$29	\$29	\$145
Ongoing City-Wide Lift Stations R&R	\$200	\$200	\$200	\$200	\$200	\$1,000
Ongoing City-Wide Trenchless Sewer Repairs	\$0	\$0	\$500	\$500	\$500	\$1,500
Payment In Lieu of Use Tax (transfer to S&U Tax Fund)	\$114	\$221	\$165	\$84	\$148	\$732

NOTE: All amounts are dollars in thousands.



	ADOPTED 2017	ADOPTED 2018	REC 2019	REC 2020	REC 2021	REC TOTAL
SNRF Major Repair & Replacement	\$0	\$0	\$0	\$0	\$428	\$428
Storage Area Network (SAN) Replacement	\$38	\$0	\$0	\$0	\$0	\$38
Wastewater Capital Outlay Replacement Prog (WW-CORP)	\$230	\$201	\$263	\$250	\$250	\$1,194
Water Quality Compliance & Testing Facility R&R	\$17	\$95	\$100	\$15	\$20	\$247
Total Wastewater System Improvements	\$7,222	\$12,062	\$11,041	\$4,742	\$8,154	\$43,221
Water System Improvements						
81st & Federal Water Main Replacement	\$0	\$0	\$0	\$5,000	\$0	\$5,000
88th Avenue Water Main Replacement West of Federal	\$0	\$0	\$0	\$1,500	\$0	\$1,500
Asset Management Project (Accela Replacement)	\$0	\$0	\$0	\$1,000	\$0	\$1,000
City Hall Cashier System	\$75	\$0	\$0	\$0	\$0	\$75
Croke Canal and Standley Lake Improvements	\$0	\$550	\$0	\$200	\$0	\$750
CWSP - Reclaimed Distribution System Improvements	\$0	\$100	\$100	\$100	\$100	\$400
CWSP - Wattenberg Gravel Lakes Storage	\$0	\$0	\$0	\$2,500	\$3,000	\$5,500
Distribution System Ongoing R&R and Unanticipated Emergency Line Repairs	\$0	\$0	\$300	\$300	\$300	\$900
Gravel Lakes Facilities Major R&R	\$0	\$50	\$0	\$0	\$0	\$50
High Service Pump Station Improvements	\$4,500	\$0	\$10,000	\$0	\$0	\$14,500
JD Edwards System Upgrade	\$21	\$21	\$6	\$6	\$6	\$60
Lowell Blvd Water Main Replacement - 80th to 72nd	\$0	\$0	\$0	\$0	\$11,500	\$11,500
Microsoft Software Upgrades	\$29	\$29	\$29	\$29	\$29	\$145
MSC Gasoline Remediation	\$103	\$10	\$10	\$10	\$10	\$143
NWTF Ongoing Membrane & Filtration Equipment Replacement	\$0	\$0	\$0	\$1,198	\$0	\$1,198
On-Going Water Treatment Facilities R&R	\$0	\$640	\$320	\$320	\$320	\$1,600
Payment In Lieu of Use Tax (transfer to S&U Tax Fund)	\$287	\$298	\$395	\$254	\$270	\$1,504
Pump Station Equipment Major R&R	\$0	\$0	\$170	\$170	\$170	\$510
Raw water pipeline R&R	\$0	\$0	\$0	\$3,000	\$6,000	\$9,000
Raw Water System Efficiency Improvements	\$0	\$50	\$450	\$550	\$450	\$1,500
Raw Water System Improvements & R&R	\$0	\$400	\$1,350	\$300	\$100	\$2,150
Reclaimed Water Treatment Facility Major R&R	\$0	\$160	\$100	\$364	\$100	\$724
Replacement Utility Billing Software	\$300	\$0	\$0	\$0	\$0	\$300
Residential Water Meters Replacement Phases 1 and 2	\$0	\$6,500	\$6,000	\$0	\$0	\$12,500
SCADA & PLC Updates	\$0	\$900	\$460	\$478	\$1,511	\$3,349
Semper WTF Replacement Engineering Design and Permitting Phase 1	\$0	\$0	\$770	\$5,000	\$0	\$5,770
Semper WTF Replacement Siting Study & Capacity Confirmation	\$0	\$610	\$0	\$0	\$0	\$610
Sheridan Blvd Main Repair - South of US36	\$3,000	\$0	\$7,000	\$0	\$0	\$10,000
Storage Area Network (SAN) Replacement	\$50	\$0	\$0	\$0	\$0	\$50
Teleworks Upgrade	\$42	\$70	\$0	\$0	\$0	\$112
Temporary Utility Fund Engineer	\$100	\$0	\$0	\$0	\$0	\$100
Utility Fund Facilities Parking Lot Maintenance Program	\$0	\$30	\$0	\$0	\$45	\$75
Water Capital Outlay Replacement Prog (W-CORP)	\$506	\$389	\$506	\$500	\$500	\$2,401
Water Quality Compliance & Testing Facility R&R - Water Fund	\$0	\$0	\$300	\$354	\$10	\$664
Water Storage Tanks Inspections & Misc. Repairs	\$0	\$0	\$230	\$230	\$230	\$690
Water Transmission Main Valves	\$650	\$0	\$0	\$0	\$0	\$650
Water Treatment Facilities Chemical Systems & Tanks R&R	\$0	\$0	\$0	\$2,377	\$0	\$2,377
Water Treatment Facilities Chlorine Storage Tanks R&R	\$0	\$400	\$0	\$0	\$0	\$400
Water Treatment Facilities Electrical Equipment Replacement	\$0	\$0	\$0	\$1,388	\$0	\$1,388
Water Treatment Facilities Filtration R&R	\$0	\$0	\$2,100	\$0	\$0	\$2,100
Westside Pump Stations Construction - Countryside Pump Station & Tank	\$6,750	\$0	\$0	\$0	\$0	\$6,750
Zone 3 Expansion	\$1,100	\$13,300	\$0	\$0	\$0	\$14,400
Total Water System Improvements	\$17,513	\$24,507	\$30,596	\$27,128	\$24,651	\$124,395
Total Water and Wastewater System Improvements	\$24,735	\$36,569	\$41,637	\$31,870	\$32,805	\$167,616

NOTE: All amounts are dollars in thousands.



	ADOPTED 2017	ADOPTED 2018	REC 2019	REC 2020	REC 2021	REC TOTAL
Stormwater System Improvements						
Big Dry Creek Stabilizations	\$250	\$250	\$250	\$250	\$250	\$1,250
City Park Channel Phase #2	\$100	\$0	\$0	\$0	\$0	\$100
Misc Storm Drainage Improvements	\$434	\$1,112	\$200	\$200	\$200	\$2,146
Payment In Lieu of Use Tax (transfer to S&U Tax Fund)	\$18	\$32	\$61	\$29	\$8	\$148
South Branch Hylands Creek	\$378	\$631	\$0	\$0	\$0	\$1,009
Storm Water Pipe Cleaning, GPS Locating & Inspection	\$70	\$70	\$70	\$70	\$70	\$350
TOD Water Quality Pond	\$500	\$0	\$0	\$0	\$0	\$500
Walnut Creek Stabilizations	\$0	\$250	\$2,750	\$1,100	\$0	\$4,100
Total Stormwater System Improvements	\$1,750	\$2,345	\$3,331	\$1,649	\$528,000	\$9,603
UTILITY FUND CAPITAL IMPROVEMENT TOTAL	\$26,485	\$38,914	\$44,968	\$33,519	\$33,333	\$177,219
GRAND TOTAL CIP - ALL FUNDS - ALL PROJECTS	\$59,734	\$56,721	\$62,816	\$49,518	\$48,954	\$277,743

NOTE: All amounts are dollars in thousands.



WESTMINSTER