



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 2015/2016 budget development process, Staff worked to strike a balance between capital and operating needs. The CIP reflects these efforts.

The CIP is generally broken into two major groups based on overall funding source: General Capital Improvement Fund and Utility Fund. An overview of these two groups follows.

General Capital Improvement Fund Overview

The General Capital Improvement Fund (GCIF), Conservation Trust Fund and Golf Course Fund include funding for all 2015 and 2016 capital improvement projects, with the exception of utility system improvements budgeted in the Utility Fund. A total of 65 GCIF capital improvement projects are funded in 2015 at a cost of \$14,249,000. None of the 2015 GCIF Capital Improvement Program projects will be debt financed. The total GCIF for 2016

is \$11,072,000 and will fund 67 projects, 100% is funded on a "pay-as-you-go" basis (ie, no debt financing)

The GCIF faces significant immediate and long-term financial challenges. In the short term, the City's success in being awarded state and federal grants with matching fund requirements is significantly impacting the 2015 Budget. The City needs to provide \$1.4 million in local match monies for regionally significant roadway projects in 2015. In addition, pressures related to required betterments at Westminster Station (commuter rail) per an intergovernmental agreement with the Regional Transportation District are placing additional strain on the GCIF. The City faces an \$2.9 million funding need in 2015-2016. At the current time, revenues are not available to fully meet this need without reducing or eliminating other important infrastructure projects.

Due to these pressures, the City is reallocating \$1,539,000 in one-time project account balances in 2015 to help fill the short-term GCIF revenue shortfall. These dollars are available due to previous project cost savings, lack of short-term need for previously appropriated funding (e.g., FasTracks local match dollars for Northwest Rail), previous carry-over appropriations and prior years' attrition for capital project accounts associated with staffing.

The City's annual revenues for the GCIF non-park projects are primarily from two funding sources: Adams County road sales tax and the City's sales and use tax. No certainty exists about how long the

Total Proposed Budget by Category

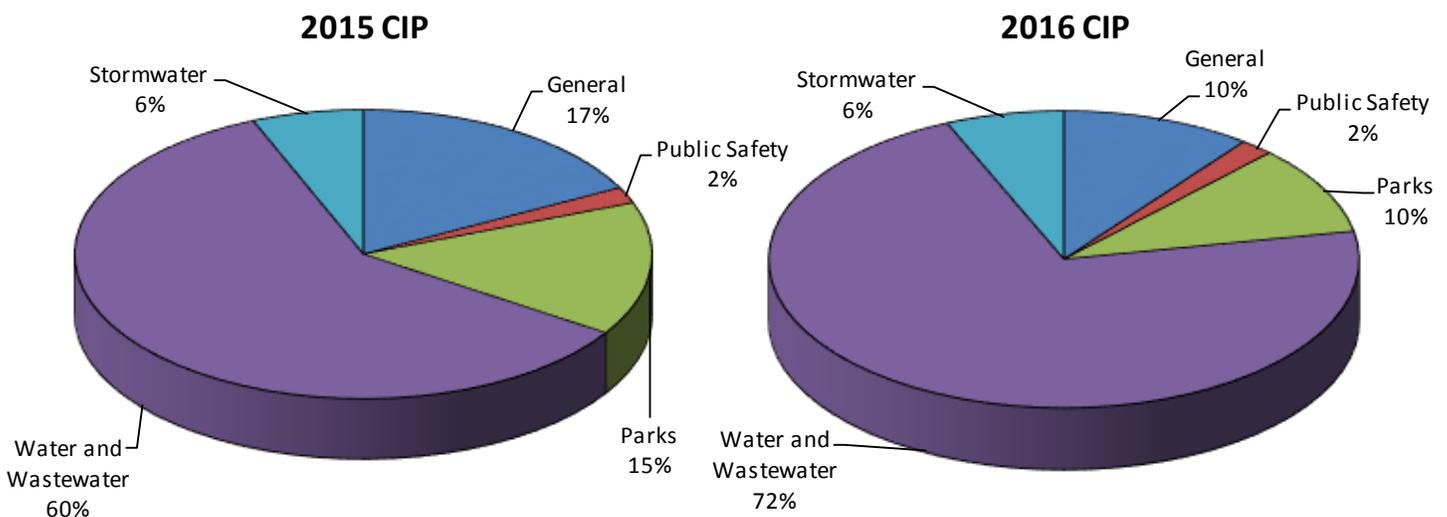
	2015 Adopted	2016 Adopted	2017 Rec.	2018 Rec.	2019 Rec.
Funding Sources					
General/Non-Parks Impr.	\$8,010,000	\$6,180,000	\$8,147,000	\$5,475,000	\$5,909,000
Park Improvements	\$6,239,000	\$4,892,000	\$5,109,000	\$4,914,000	\$5,207,000
Wastewater Improvements	\$7,854,000	\$9,722,000	\$20,283,000	\$4,669,000	\$10,057,000
Water Improvements	\$16,992,000	\$26,296,000	\$37,251,000	\$20,128,000	\$23,113,000
Stormwater Improvements	\$2,602,000	\$3,268,000	\$3,791,000	\$2,868,000	\$3,723,000
TOTAL	\$41,697,000	\$50,358,000	\$74,581,000	\$38,054,000	\$48,009,000

City’s sales and use tax fluctuates, providing for capital investment as funding permits. Staff continues to evaluate long-term funding strategies. Staff anticipates returning to City Council at a future date to discuss options for funding the long-term needs of the City to reinvest in roads, facilities, technology and other City infrastructure. Alternative, stable, long-term funding options need to be evaluated to continue to maintain the high-quality environment that citizens and businesses expect in Westminster.

Utility Fund Capital Improvement Overview

The 2015/2016 CIP budget for the Utility Fund reflects “pay-as-you-go” projects for wastewater, water and stormwater system improvement; Staff anticipates a \$12.5 million debt issuance in the Wastewater Fund and a \$17 million debt issuance in the Water Fund in 2017. Formal City Council consideration of these debt issuances will be reviewed in future years, but general concurrence of the debt approach at this point is important to ensure pursuit of critical capital improvement projects in future years, minimize potential rate adjustments and maintain a fiscally sound Capital Project Reserve (CPR) balance in both the Water and Wastewater Funds. This debt strategy also promotes intergenerational equity for the cost of necessary improvements to the utility system. The primary drivers behind this debt strategy are the Little Dry Creek Interceptor Repairs project and the Big Dry Creek Biosolids and De-watering Improvements project on the wastewater side and the Pressure Zone 3 Expansion project on the water side. Project descriptions are provided later in this CIP section of this budget document. For the Little Dry Creek Interceptor Repairs project, \$7.5 million in funding is from “cash” and CPR balance in 2015 and 2016; \$5 million in planned debt in 2017 would cover the remaining project costs. For the Big Dry Creek Biosolids and De-watering Improvements project, \$7.5 million in funding is planned for 2017 debt and \$2.92 million of this project’s costs would be funded from “cash” and CPR in 2017. On the water side, \$10.35 million in funding is from “cash” and CPR balance in 2016; \$17 million in planned debt in 2017 would cover the remaining project costs.

Related to this debt strategy and per the City’s adopted financial policies regarding the Utility Fund, use of Capital Project Reserve (CPR) is programmed in 2015 and 2016. In the Wastewater Fund, \$930,000 of CPR is budgeted in 2015 and \$2,240,000 in 2016. In the Water Fund, no CPR use is programmed for 2015 and \$8,475,000 in CPR is budgeted in 2016. For CPR Fund balances, please see the Utility Reserve Fund page behind the Miscellaneous Funds tab.



**CIP Funding Sources**

As noted, the citywide CIP is funded by several sources, many of which have restrictions or limitations on what or how they specifically may be spent. The CIP is generally separated into five major funding sources: general/non-parks, park, wastewater, water and stormwater.

General/Non-Parks 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 \$350,000 in 2015 and \$375,000 in 2016. No restrictions are placed on these funds since they are a reimbursement of costs previously incurred by the City that benefit the urban renewal area.
- 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.

When reviewing the CIP Project Summary List or the Five-Year Program in this section, the general/non-parks funding category breaks out the projects by type: streets and traffic, other capital, and public safety. This is simply a matter of tracking how much is being reinvested into the City's street network, other facilities and public safety.

Park 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.

Wastewater Improvements - This category provides for repair, replacement and improvements to the wastewater collection system. The revenues that fund this category of projects include wastewater residential and commercial sales and tap fees. 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.

Water Improvements - This category provides for repair, replacement and improvements to the water distribution system. The revenues that fund this category of projects include residential, commercial, reclaimed and wholesale water sales, meter service fees, and residential and commercial tap fees. 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 water system capital projects.

Stormwater Improvements - This category provides for repair, renovation and improvements to the stormwater drainage system. 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. 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. 2015 and 2016 will represent years two and three of a three-year implementation for a City Council adopted rate increase. The fee will increase from the current \$4/month rate in 2014 to \$5/month in 2015 and \$6/month in 2016.

Capital Improvement Program Detail Overview

The Capital Improvement Program for 2015-2019 follows. It is presented in three sections: Project Summary List, Project Descriptions and Five-Year Program. The Project Summary List provides a listing of the projects and associated funding by funding source and project type. The Project Descriptions provide an overview of what the project is intended to accomplish and the funding for 2015 and 2016. The Five-Year Program provides a full listing of all projects for the five-year period 2015-2019. The first two years (2015-2016) are funded within the budget and have funds appropriated by City Council. The out years (2017-2019) are for planning purposes and will be considered for appropriation with the development of the 2017/2018 budget during 2016.



PROJECT SUMMARY LIST

2015 General Capital Improvements

New Traffic Signals/Traffic Signal Pole Replacements	\$185,000
Arterial Roadway Rehabilitation and Improvements	\$930,000
Major Concrete Replacement Program	\$250,000
Lowell Boulevard Improvements - 120th to 124th Avenue (IGA with Broomfield)	\$425,000
120th Avenue and Federal Boulevard Intersection Improvements (DRCOG TIP Match)	\$463,000
U.S. 36 Auto/Pedestrian Box Widening (IGA with CDOT)	\$285,000
I-25 North Managed Lanes (IGA with CDOT)	\$167,000
Bicycle Master Plan Implementation	\$30,000
Enhanced Mobility and Connectivity	\$70,000
Building Operations and Maintenance (BO&M) Major Maintenance	\$80,000
City Facility Energy Improvements/Project Manager	\$100,000
Westminster Center Urban Reinvestment Project (WURP)	\$200,000
South Westminster Revitalization Project	\$50,000
Small Business Capital Project Grant Program	\$50,000
Westminster Station Platform and South Plaza	\$1,782,000
Westminster Station North Infrastructure	\$1,631,000
Laserfiche Upgrades/Additional Licenses	\$59,000
Photovoltaic Solar Panel System Acquisition	\$50,000
BO&M Computerized Maintenance Management System (CMMS)	\$125,000
Municipal Court Remodel and Security System Improvements	\$60,000
IT Server Room Updates/Upgrades	\$100,000
JD Edwards System Upgrades/Enhancements	\$23,000
Microsoft Software Upgrades	\$58,000
SQL Server Clustering	\$40,000
Mobile Technologies/Applications	<u>\$40,000</u>
2015 General Capital Improvements Total	\$7,253,000

2015 Public Safety Capital Improvements

Fire Station Emergency Generator Project	\$15,000
Police Department Records Management System (RMS)	\$500,000
Public Safety Center Building Infrastructure	\$25,000
Public Safety Center Sally Port and Kennel Repairs	\$50,000
Public Safety Facilities Major Maintenance (BO&M)	\$40,000
Municipal Court Remodel and Security System Improvements	\$40,000
JD Edwards System Upgrades/Enhancements	\$18,000
Microsoft Software Upgrades	\$29,000
SQL Server Clustering	\$20,000
Mobile Technologies/Applications	<u>\$20,000</u>
2015 Public Safety Capital Improvements Total	\$757,000

2015 Parks, Recreation and Libraries Capital Improvements

Community Enhancement Program	\$1,520,000
Greenbelt and Drainage Improvements	\$25,000
Trail Development	\$50,000
Landscape Architect II/Project Manager	\$72,000
Recreation Facilities Improvements	\$200,000
Park Maintenance - Jefferson County Open Space (JCOS)	\$495,000
Adams County Open Space Land Acquisition	\$175,000
Park Renovation Program	\$250,000



Standley Lake Regional Park Improvements	\$50,000
Standley Lake Regional Park Trail Development	\$45,000
Recreation Facilities Major Maintenance (BO&M)	\$300,000
Minor Median Maintenance	\$25,000
Aquatics Major Maintenance (BO&M)	\$33,000
Swim and Fitness Center Americans with Disabilities Act (ADA) Ramp	\$30,000
Westminster Sports Center	\$20,000
Libraries Repair and Maintenance	\$50,000
Libraries Radio Frequency Identification Project (RFID)	\$84,000
Open Space Repair and Maintenance	\$150,000
Recreation Facilities Major Maintenance - Energy (BO&M)	\$40,000
Transfer to Golf Course Fund	\$185,000
Golf Course Improvements	\$23,000
Legacy Ridge Capital Projects (BO&M)	\$112,000
The Heritage Clubhouse Elevator (BO&M)	\$80,000
Westview Recreation Center Boiler Room Replacement (BO&M)	\$125,000
Enhanced Mobility and Connectivity	\$55,000
Parks, Recreation and Libraries Website/Registration Software Improvements	\$100,000
City Park Master Plan Implementation	\$31,000
City Hall Master Plan Implementation - Xeriscape	\$680,000
City Hall Arcade Wall Restoration/Repairs	\$150,000
City Hall Master Plan Implementation - Plaza Renovation	<u>\$1,084,000</u>
2015 Park Capital Improvements Total	\$6,239,000

2015 GENERAL FUND CIP TOTAL \$14,249,000

2015 Wastewater Capital Improvements

Sanitary Sewer Line Trenchless Rehabilitation	\$500,000
Little Dry Creek Interceptor Repairs	\$2,500,000
80th Avenue and Clay Street Lift Station Elimination Project	\$1,500,000
Big Dry Creek Wastewater Treatment Facility Digester Complex Repair and Replacement	\$2,500,000
Water Quality Compliance and Testing Facility Repair and Replacement	\$35,000
Big Dry Creek Wastewater Treatment Facility Buildings and Facility Maintenance	\$575,000
JD Edwards System Upgrades/Enhancements	\$10,000
Microsoft Software Upgrades	\$29,000
SQL Server Clustering	\$15,000
Mobile Technologies/Applications	\$15,000
Wastewater Capital Outlay Replacement Program (WWCORP)	\$29,000
Payment In Lieu of Use Tax	<u>\$146,000</u>
2015 Wastewater Capital Improvements Total	\$7,854,000

2015 Water Capital Improvements

Utility Fund Facilities Parking Lot Maintenance Program	\$50,000
City Hall Master Plan Implementation - Xeriscape	\$375,000
Raw Water System Improvements	\$350,000
Pump Station Equipment - Major Repair	\$150,000
Reclaimed Water Treatment Facility - Major Repair and Replacement	\$50,000
Croke Canal and Standley Lake Improvements	\$175,000
Gravel Lakes Facilities Major Repair and Replacement	\$750,000
Supervisory Control and Data Acquisitions/Programmable Logic Control Updates	\$175,000



Water Quality Lab Equipment Major Repair and Replacement	\$215,000
Semper Water Treatment Facility Lime Chemical Feed Repair and Replacement	\$750,000
Distribution System Pressure Reducing Valves Repair and Replacement	\$1,500,000
Semper Water Treatment Facility Sedimentation Repair and Replacement	\$600,000
Northwest Water Treatment Facility Membrane Repair and Replacement	\$1,700,000
Northwest Water Treatment Facility Chemical Feed Systems Repair and Replacement	\$1,000,000
Semper and Northwest Water Treatment Facilities - HVAC Repair and Replacement	\$1,750,000
Zone 5 Pump Station Major Repair and Replacement	\$2,000,000
Water Treatment Facility Master Plan	\$450,000
City-wide Water Main Installation	\$3,000,000
Distribution System Water Quality Compliance Stations	\$450,000
Comprehensive Water Supply Plan - Raw Water System Efficiency Improvements	\$300,000
Improvements to Utility Storage Facilities	\$110,000
Temporary Engineer/Project Manager	\$100,000
Water Capital Outlay Replacement Program (WCORP)	\$531,000
IT Server Room Updates/Upgrades	\$100,000
JD Edwards System Upgrades/Enhancements	\$15,000
Microsoft Software Upgrades	\$27,000
SQL Server Clustering	\$25,000
Mobile Technologies/Applications	\$20,000
Payment in Lieu of Use Tax	<u>\$274,000</u>
2015 Water Capital Improvements Total	\$16,992,000

2015 Stormwater Capital Improvements

Miscellaneous Storm Drainage Improvements	\$100,000
Little Dry Creek Storm Drainage/Detention (Lowell Boulevard to Federal Boulevard)	\$2,055,000
Ranch Creek at 120 th Avenue and Federal Boulevard	\$400,000
Payment in Lieu of Use Tax	<u>\$47,000</u>
2015 Stormwater Capital Improvements Total	\$2,602,000

2015 UTILITY FUND CIP TOTAL **\$27,448,000**

2015 CIP GRAND TOTAL **\$41,697,000**

2016 General Capital Improvements

New Traffic Signals/Traffic Signal Pole Replacements	\$225,000
New Development Participation	\$125,000
Sidewalk Connection	\$25,000
New Street Light Program	\$25,000
Geographic Information System Upgrades	\$25,000
Arterial Roadway Rehabilitation and Improvements	\$955,000
Major Concrete Replacement Program	\$250,000
Lowell Boulevard Improvements - 120th to 124th Avenue (IGA with Broomfield)	\$425,000
Creekside Drive (Little Dry Creek Project) (Lowell Boulevard to Irving Street)	\$80,000
Bicycle Master Plan Implementation	\$130,000
City Facilities Parking Lot Maintenance Program	\$120,000
City Facilities Parking Lot Major Rehabilitation and Reconstruction Program	\$100,000
Enhanced Mobility and Connectivity	\$40,000
Building Operations and Maintenance (BO&M) Major Maintenance	\$80,000
City Facility Energy Improvements/Project Manager	\$105,000



Westminster Center Urban Reinvestment Project (WURP)	\$100,000
Miscellaneous Community Development Construction Projects	\$10,000
South Westminster Revitalization Project	\$50,000
Small Business Capital Project Grant Program	\$50,000
Westminster Station Platform and South Plaza	\$1,283,000
Westminster Station North Infrastructure	\$600,000
Laserfiche Upgrades/Additional Licenses	\$66,000
Photovoltaic Solar Panel System Acquisition	\$150,000
Municipal Court Remodel and Security System Improvements	\$60,000
Historic Structures Maintenance	\$30,000
JD Edwards System Upgrades/Enhancements	\$50,000
Microsoft Software Upgrades	\$58,000
Mobile Technologies/Applications	<u>\$40,000</u>
2016 General Capital Improvements Total	\$5,257,000

2016 Public Safety Capital Improvements

Fire Station Major Modifications	\$15,000
Fire Station Emergency Generator Project	\$20,000
Police Department Records Management System (RMS)	\$500,000
Public Safety Center Building Infrastructure	\$20,000
Public Safety Center Sally Port and Kennel Repairs	\$50,000
Public Safety Facilities Major Maintenance (BO&M)	\$40,000
Municipal Court Remodel and Security System Improvements	\$40,000
Computer Aided Dispatch/Report Management System (CAD/RMS) Software Upgrades	\$140,000
JD Edwards System Upgrades/Enhancements	\$49,000
Microsoft Software Upgrades	\$29,000
Mobile Technologies/Applications	<u>\$20,000</u>
2016 Public Safety Capital Improvements Total	\$923,000

2016 Parks, Recreation and Libraries Capital Improvements

Community Enhancement Program	\$1,535,000
Greenbelt and Drainage Improvements	\$25,000
Trail Development	\$50,000
Landscape Architect II/Project Manager	\$75,000
Recreation Facilities Improvements	\$200,000
Park Maintenance - Jefferson County Open Space (JCOS)	\$510,000
Adams County Open Space Land Acquisition	\$175,000
Park Renovation Program	\$250,000
Standley Lake Regional Park Improvements	\$50,000
Standley Lake Master Plan Implementation	\$75,000
Standley Lake Regional Park Trail Development	\$150,000
Recreation Facilities Major Maintenance (BO&M)	\$150,000
Minor Median Maintenance	\$25,000
Aquatics Major Maintenance (BO&M)	\$50,000
Westminster Sports Center	\$20,000
Tepper Fields and Westbury Open Space Parking Lot Rehabilitation	\$76,000
Libraries Repair and Maintenance	\$55,000
Libraries Radio Frequency Identification Project (RFID)	\$198,000
Open Space Repair and Maintenance	\$150,000
Park Operations Facilities Repair and Maintenance	\$30,000
Recreation Facilities Major Maintenance - Energy (BO&M)	\$40,000



Transfer to Golf Course Fund	\$230,000
Golf Course Improvements	\$70,000
The Heritage Clubhouse Elevator (BO&M)	\$60,000
Enhanced Mobility and Connectivity	\$35,000
City Park Master Plan Implementation	\$100,000
City Hall Master Plan Implementation - Xeriscape	\$425,000
City Hall Master Plan Implementation - Plaza Renovation	<u>\$83,000</u>
2016 Park Capital Improvements Total	\$4,922,000

2016 GENERAL FUND CIP TOTAL \$11,072,000

2016 Wastewater Capital Improvements

Sanitary Sewer Line Trenchless Rehabilitation	\$250,000
Sanitary Sewer Line Open Cut Replacement	\$250,000
Little Dry Creek Interceptor Repairs	\$5,000,000
Big Dry Creek Wastewater Treatment Facility Digester Complex Repair and Replacement	\$150,000
Lift Station and Forcemains Major Repair and Replacement	\$3,400,000
Water Quality Compliance and Testing Facility Repair and Replacement	\$70,000
Big Dry Creek Wastewater Treatment Facility Buildings and Facility Maintenance	\$290,000
JD Edwards System Upgrades/Enhancements	\$8,000
Microsoft Software Upgrades	\$29,000
Mobile Technologies/Applications	\$15,000
Wastewater Capital Outlay Replacement Program (WWCORP)	\$83,000
Payment In Lieu of Use Tax	<u>\$177,000</u>
2016 Wastewater Capital Improvements Total	\$9,722,000

2016 Water Capital Improvements

Raw Water System Improvements	\$350,000
Pump Station Equipment - Major Repair and Replacement	\$150,000
Reclaimed Water Treatment Facility - Major Repair and Replacement	\$50,000
Croke Canal and Standley Lake Improvements	\$200,000
Gravel Lakes Facilities Major Repair and Replacement	\$50,000
Supervisory Control and Data Acquisition/Programmable Logic Control Updates	\$50,000
Water Quality Lab Equipment Major Repair and Replacement	\$235,000
Pressure Zone 3 Expansion	\$10,350,000
Distribution System Pressure Reducing Valves Repair and Replacement	\$50,000
Northwest Water Treatment Facility Membrane Repair and Replacement	\$50,000
Semper and Northwest Water Treatment Facilities - HVAC Repair and Replacement	\$200,000
City-wide Water Main Installation	\$200,000
Semper Water Treatment Facility Filtration Repair and Replacement	\$2,250,000
Countryside Pump Station and Tank Repair and Replacement	\$1,000,000
Distribution System Master Meter Repair and Replacement	\$4,000,000
Sheridan Boulevard Water Main Repair and Replacement (south of U.S. 36)	\$4,750,000
Semper Water Treatment Facility Campus/Pump Station Roof Repair and Replacement	\$850,000
Temporary Engineer/Project Manager	\$100,000
Water Capital Outlay Replacement Program (WCORP)	\$486,000
Teleworks Upgrade	\$100,000
JD Edwards System Upgrades/Enhancements	\$13,000
Microsoft Software Upgrades	\$27,000
Mobile Technologies/Applications	\$20,000



Utility Billing Software Upgrade or Replacement	\$250,000
City Hall Cashier System	\$75,000
Payment in Lieu of Use Tax	<u>\$440,000</u>
2016 Water Capital Improvements Total	\$26,296,000

2016 Stormwater Capital Improvements

Miscellaneous Storm Drainage Improvements	\$200,000
Little Dry Creek Storm Drainage/Detention (Lowell Boulevard to Federal Boulevard)	\$2,045,000
South Branch Hylands Creek	\$200,000
Big Dry Creek Stabilizations	\$453,000
Middle Cotton Creek	\$270,000
City Park Channel Phase Two	\$42,000
Payment in Lieu of Use Tax	<u>\$58,000</u>
2016 Stormwater Capital Improvements Total	\$3,268,000

2016 UTILITY FUND CIP TOTAL **\$39,286,000**

2016 CIP GRAND TOTAL **\$50,358,000**

2015/2016 CAPITAL PROJECT DESCRIPTIONS

GENERAL CAPITAL IMPROVEMENT FUND PROJECTS

General Capital Improvement Projects:

New Traffic Signals/Traffic Signal Pole Replacements **2015 = \$185,000**
2016 = \$225,000

This project provides funding for the installation of a limited number of new signals that may be requested by citizens and meet the City's warrants for construction. The average cost of signalization for a four-legged intersection is approximately \$220,000. In the event that no new traffic signals are warranted in any particular year, this funding can be used to replace the aging LED traffic signal indications, fluorescent bulbs, ballasts, sign faces for the internally illuminated street name signs and other traffic control devices such as electronic "speed advisory" signs. For the first time in at least 35 years, funding will allow for the replacement of aging traffic signal poles that exhibit extreme levels of rust and have the potential for failure.

New Development Participation **2015 = \$0**
2016 = \$125,000

This project provides funding for the City's share of certain public improvements installed by private developers. 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 the outer portions of that 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. No need for City participation in new development activity is anticipated in 2015. However, funding is budgeted in 2016 in the event that the property located at the northeast corner of the intersection of 128th Avenue and Huron Street is developed in 2015 or 2016. If that property proceeds to development, City participation in the reconstruction of an existing traffic signal located at the intersection of 128th Avenue and Delaware Street would be warranted.

Sidewalk Connection **2015 = \$0**
2016 = \$25,000

This project provides funds for the installation of "missing links" of sidewalk that were not previously constructed by private developers (due to varying circumstances) or are located in areas of great need where



development is not anticipated to occur in the near future. Targeted sub-projects include routes to schools and other highly used pedestrian paths. Potential sub-projects include 112th Avenue (north side) between Airport Creek and Westminster Boulevard, 92nd Avenue between Federal Boulevard and Westminster City Hall and 72nd Avenue between Sheridan Boulevard and Raleigh Street.

New Street Light Program

2015 = \$0

2016 = \$25,000

This project provides funding for the installation of individual street lights in warranted locations, usually as requested by residents or neighborhoods. Staff follows a certain technical criteria to determine if such requested lights are warranted. In the past, residential area street lights were typically installed by developers of properties in accordance with designs furnished by Xcel Energy. However, those designs are occasionally faulty and additional street lights may be justified. In such instances, the City pays for the new lights.

Geographic Information System (GIS) Upgrades

2015 = \$0

2016 = \$25,000

This project provides funding for enhancements to the City's GIS program. The GIS program continues to update and enhance the City's geospatial data resources. Every two years the Denver Regional Council of Governments provides updated aerial imagery to the community. The next flight will be in 2016. Current and accurate GIS data is critical to police, fire, public works and utilities, parks, and community development operations.

Arterial Roadway Rehabilitation and Improvements

2015 = \$930,000

2016 = \$955,000

This project consists of resurfacing the existing pavement for a smoother ride, elimination of rutting and resealing the surface of the roadway. Proposed 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. Projects for 2015 include Sheridan Boulevard from 96th Avenue to 104th Avenue and Federal Parkway from 120th Avenue to the northern City limit. Projects for 2016 include 88th Avenue from Wadsworth Parkway to Independence Drive and 112th Avenue from Huron Street to Federal Boulevard.

Major Concrete Replacement Program

2015 = \$250,000

2016 = \$250,000

This project will replace 27,000 lineal feet of deteriorated curbs, gutters, sidewalks, curb ramps and crosspans in the Kings Mill, Sunstream and Boulevard Plaza subdivisions. These subdivisions are due for pavement rehabilitation in 2015/2016, have not been considered for concrete replacement under the City's concrete policy in the past and have an extensive amount of deteriorated concrete. Staff has inspected these areas and estimates that 20% of the concrete is in poor condition and must be replaced prior to resurfacing the streets. In addition, over 100 handicap ramps are substandard or need to be added to meet Americans with Disabilities Act (ADA) regulations.

Lowell Blvd Improvements - 120th to 124th Avenue (IGA with Broomfield)

2015 = \$425,000

2016 = \$425,000

This project will fund the widening of Lowell Boulevard between 120th Avenue and 124th Avenue to a four-lane arterial street with turn lanes and a raised median. Also included is a pedestrian/drainage structure for the Nissan drainageway. The City & County of Broomfield will manage the project and Westminster will pay for the work associated with one northbound lane that is within the City's jurisdiction. The estimated cost of the entire project is approximately \$5.6 million. This budget request is for the City's share of the cost only per the signed Intergovernmental Agreement with Broomfield. Additional funding will be necessary in future years (projected through 2018).



120th and Federal Intersection Improvements (DRCOG TIP Match) 2015 = \$463,000
2016 = \$0

This project will provide additional through and turn lanes at this intersection to improve traffic flow. The project will also provide pedestrian facilities where none currently exist. Federal funds were acquired for this project through the Denver Regional Council of Government's (DRCOG) Transportation Improvement Program. A total of \$580,000 was reallocated to this project in 2011 from the previously existing "120th Avenue Corridor Turn Lanes and Restriping" project. The funding represents the remaining amount necessary for the City's local match.

U.S. 36 Auto/Pedestrian Box Widening (IGA with CDOT) 2015 = 285,000
2016 = \$0

As part of the Colorado Department of Transportation's (CDOT) U.S. 36 Managed Lanes Project, the existing Promenade Drive underpass of the highway must be widened by approximately 40 feet in order to accommodate the wider cross-section of U.S. 36. When the City installed this underpass, a condition of CDOT's approval was that the City must pay for any future widening of the structure necessitated by a widening of the highway. Therefore, the City is contractually obligated to pay for this facet of the U.S. 36 Managed Lanes Project. CDOT agreed to allow the City's payment to be made in three equal installments over a three-year period beginning in 2013. 2015 represents the final year of payment for this project.

I-25 North Managed Lanes (IGA with CDOT) 2015 = \$167,000
2016 = \$0

This \$58 million dollar project will fund one new managed toll lane in each direction on I-25 between U.S. 36 and 120th Avenue. This managed lane will allow motorists a choice to carpool, take transit or pay a toll to access the lane. A \$15 million federal TIGER IV discretionary grant was awarded to this project. State, regional and local dollars will fund the remaining project cost. \$500,000 represents Westminster's contribution to this project and is to be paid over a period of three years per agreement with the Colorado Department of Transportation. 2015 represents the final year of payment for this project.

Creekside Drive (Little Dry Creek Park) (Lowell Boulevard to Irving Street) 2015 = \$0
2016 = \$80,000

The first phase of Creekside Drive will run along the south side of Little Dry Creek from approximately 69th Avenue and Lowell Boulevard to approximately Irving Street. Additionally, the project will include a parking lot that will serve the park and provide direct access to Westminster Station (commuter rail). Creekside Drive will also provide direct access to the forthcoming Little Dry Creek Park and Open Space area. 2016 funding will be directed towards design. Subsequent funding will be necessary in future years for construction. The total phase one cost is approximately \$1.7 million. A second phase will be considered in the future, extending the roadway east towards Federal Boulevard.

Bicycle Master Plan Implementation 2015 = \$30,000
2016 = \$130,000

This project will fund various bicycle improvements that were identified in the City's Bicycle Master Plan. This will include striping and signing of bike lanes on certain streets that are going to be resurfaced, along with signage and markings for other roadways that provide connections to existing bike facilities. In order to stretch annual funding to the greatest extent possible, Staff's current strategy is to target bicycle sub-projects that happen to coincide with street overlay/reconstruction projects. The project pays for any additional striping that may be necessary in order to create the bike facility.



City Facilities Parking Lot Maintenance Program **2015 = \$0**
2016 = \$120,000

This project provides for contractual cracksealing, resurfacing, sealcoating and concrete replacement as required at 98 municipal parking lot sites. 80 locations have asphalt pavement, 15 have concrete pavement and three have a combination of asphalt and concrete pavement, all requiring regular maintenance. This project also funds necessary repairs at two concrete courtyards. Rotation for asphalt pavement requires cracksealing every three years and sealcoating every six years. Concrete pavement requires cracksealing every six years and sealing every 10 years.

City Facility Parking Lot Major Rehabilitation and Reconstruction Program **2015 = \$0**
2016 = \$100,000

This project funds the overlay or reconstruction of 27 City facility parking lots. A comprehensive pavement evaluation of all City facility parking lots was done 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. Due to the size and layout of these lots, as well as the costs associated with asphalt overlay and reconstruction, Staff will commence funding for these more expensive parking lot needs in 2016.

Enhanced Mobility and Connectivity **2015 = \$70,000**
2016 = \$40,000

This project will develop a Master Plan 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. Funding in 2015/2016 will fund the Master Plan effort itself, along with pilot projects to test concepts, illustrate solutions and provide tangible results for citizens, businesses and visitors seeking enhanced mobility and connectivity throughout the City. Funding will be necessary in future years to continue to make improvements annually per the Master Plan. Funding for this project is split across the General Capital Improvement Fund (“general” revenue and dedicated Parks, Recreation and Libraries revenue). The total project is \$125,000 in 2015 and \$75,000 in 2016.

Building Operations and Maintenance (BO&M) Major Maintenance **2015 = \$80,000**
2016 = \$80,000

This ongoing project provides funding for major repair and replacement needs at General Fund facilities. Planned projects for 2015/2016 include fire suppression sprinkler head replacements at City Hall, building automation system improvements (City Hall and Municipal Service Center), overhead door replacement at Fleet, replacement of a sanitary line across bays at Fleet, replacement of water shutoff valve at the Municipal Court and other major maintenance items.

City Facility Energy Improvements/Project Manager **2015 = \$100,000**
2016 = \$105,000

This project funds the City’s Energy and Facilities Projects Coordinator’s salary in addition to potential energy projects at General Fund facilities. Due to funding demands on the General Capital Improvement Fund as a whole, the majority of the funding will go toward salary costs. Energy projects will be implemented in future years when sufficient funding becomes available or is accrued.

Westminster Center Urban Reinvestment Project (WURP) **2015 = \$200,000**
2016 = \$100,000

As one of City Council’s highest Strategic Plan priorities, funding is provided for potential Phase I of WURP activities, which could include City obligations in addition to those obligations that would be the responsibility of Westminster Economic Development Authority (WEDA). This also provides funding for a 0.5 FTE budgeted in WEDA for ongoing maintenance and upkeep of the WURP site.

Miscellaneous Community Development Construction Projects **2015 = \$0**
2016 = \$10,000

This project provides funding for the maintenance of City-owned brick walls (i.e. 72nd Avenue/Sheridan Boulevard and 120th Avenue adjacent to The Ranch Subdivision) and wood fences (i.e. 92nd Avenue adjacent to the Trendwood Subdivision) as well as minor construction and maintenance work within public rights-of-way and other public lands. This includes the removal of abandoned silt fences within the public right-of-way and the mowing of weeds on certain City-owned properties.

South Westminster Revitalization Project **2015 = \$50,000**
2016 = \$50,000

This ongoing project was established in 2002 to assess and facilitate redevelopment opportunities, promote and market the area for development and investment, and implement small-scale capital improvements. These investments are aimed at improving the functional and visual quality of the area while enhancing business and resident recruitment to the area. The project provides a readily available source of funds to allow Staff to quickly respond to time-sensitive issues and opportunities as they arise throughout the year. This includes preparing conceptual development plans for strategically situated or available properties. It also includes providing matching funds for small grants, funding assistance for various community events and activities, capital funds for improvements to the Rodeo Market building and park and the community theater, public art and enhancements to public property, and other projects of value to and supported by the community.

Small Business Capital Project Grant Program **2015 = \$50,000**
2016 = \$50,000

The Small Business Capital Project Grant provides financial assistance to encourage the growth of existing businesses in Westminster with 25 or fewer employees. The program provides grant funds to businesses for one-time, project-related costs. Qualifying projects include tangible asset costs, office furnishings, specialized equipment, software purchases, information technology equipment, capital improvements and machinery. The maximum grant amount is \$5,000 or 10% of total project cost. One grant is allowed per business per year.

Westminster Station Platform and South Plaza **2015 = \$1,782,000**
2016 = \$1,283,000

The Regional Transportation District’s (RTD) base plan for the Westminster Station did not allow access to the Little Dry Creek park area even though the loading platform is located on the south side of the tracks. This project will allow commuters and residents of the area direct access to the park area while also permitting access from unincorporated Adams County’s Goat Hill neighborhood to the station platform. The City entered into an IGA with RTD in 2012 for the Northwest Rail Electrified Segment. One of the conditions of the IGA allows the City to request certain “betterments” to RTD’s base plan. This project is one such betterment where the City requested the pedestrian tunnel daylight to the south of the tracks to allow commuters and future transit oriented development residents direct access to the regional Little Dry Creek Park. The station platform area will be owned, operated and maintained by RTD and the City will pay RTD directly for ongoing operations and maintenance as stipulated in the IGA. This project would also install landscape, rock land forms and irrigated turf grass. This general area also includes a 165-foot span pedestrian bridge that will cross Little Dry Creek and connect the south plaza to the parking lot adjacent to Creekside Drive. Funding for the pedestrian bridge will come from an Adams County-sponsored DRCOG TIP project in the amount of \$500,000 (“DRCOG Second \$60 Million”) and a \$125,000 match from Adams County.

Westminster Station North Infrastructure **2015 = \$1,631,000**
2016 = \$600,000

Per the IGA with RTD, the City is implementing “betterments” to RTD’s base project, which was a large surface parking lot to serve Westminster Station. Instead, this project will build a parking structure and a road



network that creates redevelopment opportunities in this area. This project will also complete north plaza infrastructure necessary for the opening of the Westminster Station. Road projects include Westminster Station Drive, Hooker Street, Grove Street and all associated utilities and infrastructure. This project funds infrastructure costs for the north side of the Westminster Station.

Laserfiche Upgrades/Additional Licenses **2015 = \$59,000**
2016 = \$66,000

This project funds software upgrades and additional licenses for the City’s electronic document management system. The goal 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. Project objectives include application of business process management by automating many of the manual paper processes through database integration, systems integration, barcodes and workflow; identify records and populate template fields electronically without needing to re-enter all data; establish security levels per user; establish naming conventions for uniformity and automate ways to convert inconsistencies in data entry Citywide so documents can be retrieved easily; train users so they can use templates and naming conventions correctly; train management so they can access electronic records easily; and gain better compliance with records retention policies.

Photovoltaic Solar Panel System Acquisition **2015 = \$50,000**
2016 = \$150,000

This project is for the final expected contribution to the acquisition of the four existing solar photovoltaic systems located at City Park Recreation Center, Westview Recreation Center, Public Safety Center and the Municipal Service Center, owned by Main Street Power Company. The solar arrays are available for purchase in the sixth year of the City’s contract as a condition of the Power Purchase Agreement. Funds have already been set aside in previous budget years for this purchase. Current analysis indicates that owning these solar assets may result in net savings over the ensuing years due to reduced energy costs. Acquisition proceedings would begin in the fourth quarter of 2015.

BO&M Computerized Maintenance Management System (CMMS) **2015 = \$125,000**
2016 = \$0

The CMMS (Computerized Maintenance Management Systems) project will purchase and license a job work order system for Building Operations and Maintenance (BO&M). These systems allow for the tracking and sorting of data critical to managing and measuring Staff workload and reporting. A software consultant will be involved to identify and select a system based on Staff’s specific needs. CMMS software will provide for smarter data gathering for costing, budgeting, performance evaluation and cost-sharing purposes.

Municipal Court Remodel and Security System Improvements **2015 = \$60,000**
2016 = \$60,000

This is a continuing remodel and security improvement project based on the April 2014 National Center for State Courts security audit. Preliminary recommendations to enhance/improve safety and security of employees and citizens include: a security fence around the parking area on the west side; purchase and installation of an X-ray machine at the front entrance screening area; replacement of prosecutor main entry door with wire mesh door; relocation of duress alarm panel from cashier area to front security and add more alarm buttons; installation of 8 duress alarms for prosecutors and judges; installation of 6 more cameras; installation of an alarm at east employee entrance; installation of ballistic materials under courtroom benches; installation of bullet proof glass and pass thru windows at cashier area; installation of an exterior exit door in the probation section; and construction of a sally port for prisoner transport. Funds are also provided for remodeling to address witness visibility issues in Courtroom B and to expand clerk work area in both courtrooms, including new podiums and tables, and benches in the lobby and Courtroom B will be replaced. Probation office desks and files will be updated. The project will also re-design the front of the building to add an enclosure to bring citizens out of inclement weather and make room for an X-ray machine. These

improvements will be funded over a period of several years and implemented as funding allows. An additional \$10,000 per year was added in the public safety tax funded part of the project per City Council feedback to provide for a study to analyze and provide direction on future court facility needs. The total budget for this project is \$100,000 in both 2015 and 2016; funding is split across the General Capital Improvement Fund (General and Public Safety).

Historic Structures Maintenance

2015 = \$0
2016 = \$30,000

This project is for funding for 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. 2016 funding is for the physical assessment of the structures, project identification and prioritization. Also, additional funds are provided in the first year for the purpose of stabilizing the Semper Farm barn.

IT Server Room Updates/Upgrades

2015 = \$100,000
2016 = \$0

The City's main data center facility is over 25 years old and in need of several updates to gain efficiencies in energy usage, functionality and maintenance. The server room upgrades include using outside air to cool the servers, replacement racks and an upgrade to the flooring. Research suggests that ambient air cooling is a compelling data center cooling strategy because it reduces electricity usage significantly, is a major cost savings, is proven safe and is environmentally responsible. The server room uses a raised floor and work is necessary to maintain safety. The total budget for this project is \$200,000 and split between the General Capital Improvement Fund and the Water Fund.

JD Edwards System Upgrades/Enhancements

2015 = \$23,000
2016 = \$50,000

The JD Edwards EnterpriseOne ERP application is a significant portion of the City's enterprise application portfolio (financial management, payroll, human resources, etc.). To keep this application maintained and technologically viable, a variety of upgrades and enhancements are performed annually. These upgrades include the application itself, its underlying tools platform, data and web servers, and functional enhancements. With the product moving to embrace newer technology like web services and mobile deployment, the need for continual capital improvement of the application becomes even greater. The total budget for this project is \$66,000 in 2015 and \$120,000 in 2016. Funding is split across the General Capital Improvement Fund (General and Public Safety), the Wastewater Fund and the Water Fund.

Microsoft Software Upgrades

2015 = \$58,000
2016 = \$58,000

This project provides funds for Microsoft Exchange, SharePoint and Office applications. The project is necessary to ensure feature updates, security enhancements, patches and technical support remain current for these applications. The City pursues these upgrades on a four-year cycle, but consistent funding is requested each year to smooth out budget needs. The total budget for this project is \$143,000 in 2015 and 2016. Funding is split across the General Capital Improvement Fund (General and Public Safety), the Wastewater Fund and the Water Fund.

SQL Server Clustering

2015 = \$40,000
2016 = \$0

This project is to consolidate the City's Microsoft SQL Server databases into newer technologies called SQL Clustering. This will allow the Information Technology Department to improve security, accessibility and management of the databases while decreasing long-term costs by reducing the number of SQL licenses



required. The total budget for this project is \$100,000 in 2015. Funding is split across the General Capital Improvement Fund (General and Public Safety), the Wastewater Fund and the Water Fund.

Mobile Technologies/Applications **2015 = \$40,000**
2016 = \$40,000

In 2014, Information Technology (IT) Staff conducted a comprehensive, City-wide study to gauge interest and evaluate opportunities for mobile technologies. In meetings with division managers from all departments, IT Staff identified an initial 67 internal and external (customer) facing mobile applications that have the potential to enhance services, improve operational efficiencies and productivity, and reduce cost. IT prepared a full documented strategic plan outlining goals, current state of mobile technology in the City, network infrastructure to support mobile, skills inventory, support requirements, development methodologies, hardware and security. This project will start funding implementation of that strategic plan. The total budget for this project is \$95,000 in 2015 and 2016. Funding is split across the General Capital Improvement Fund (General and Public Safety), the Wastewater Fund and the Water Fund.

2015 General Capital Improvements Total **\$7,253,000**
2016 General Capital Improvements Total **\$5,257,000**

Public Safety Capital Improvement Projects:

Fire Station Major Modifications **2015 = \$0**
2016 = \$15,000

This ongoing project funds major modifications to all Fire Stations for projects not covered by Building Operations and Maintenance. Potential projects include painting at Stations 2, 3 and 4; sewer line replacement, roof leak repairs and bay door replacements at Station 1; sewer drain work on Station 5; and sound-proofing of sleeping areas at Station 6.

Fire Station Emergency Generator Project **2015 = \$15,000**
2016 = \$20,000

This project will test the emergency generators located at the six fire stations. Four of the generators are reaching their life expectancy. Recent issues have surfaced in terms of some systems (like station alerting) not being connected to the emergency power. Current capacity of the generators may suggest they are now undersized for adequate emergency power. Funding will evaluate load capacity, as well as identify what is currently on the emergency power circuits and what capacity might exist to add more circuits. The project will also help determine future life expectancy and appropriate sizing of each of the emergency generator.

Police Department Records Management System (RMS) **2015 = \$500,000**
2016 = \$500,000

The Police records management system is a repository for police crime reports as well as arrest, warrants, impounded evidence, stolen property and impounded vehicle data. It generates monthly and annual crime statistics that are required to be reported to the Federal Bureau of Investigation and Colorado Bureau of Investigation. This project addresses the need to select a vendor for the Police Department’s records management system. The Intergraph RMS that was implemented in 2001 was built on Microsoft technology and Microsoft has announced a “sunset” of FoxPro, a major and required component of the system. Intergraph is not able to upgrade its RMS called “I-Leads” because Fox Pro will no longer be available for updates, patches or fixes. Intergraph’s solution is to replace its own RMS with a system that is more technologically sound and could be purchased as a client/server system or a Web-based system. Through an RFI process to occur by early fall of 2014, Staff will return later this fall with a recommendation on whether to convert to Intergraph’s new RMS or to replace it with another vendor (to be determined). This project will fund the replacement of the current system. Additional funds may be necessary depending on the results of the RFI.



Public Safety Center (PSC) Building Infrastructure **2015 = \$25,000**
2016 = \$20,000

In 2015, this project will replace the uninterruptible power supply (UPS) chloride batteries and capacitors that are nearing the end of their life expectancy. These components keep critical electrical components online and the power stable for the PSC in the event of a power failure. For 2016 and beyond, funds will address internal components (equipment, furniture, aesthetic and the security system) that are starting to deteriorate and will need repairs and/or replacement as the building continues to age.

Public Safety Center Sally Port and Kennel Repairs **2015 = \$50,000**
2016 = \$50,000

Funds are for design and repair of significant wall/ceiling gaps and cracks at the Public Safety Center. Investigation and design are expected to occur in 2015 with repairs in subsequent years. This primarily affects the kennel and sally port. These issues do not pose a risk to the structural integrity of the building.

Public Safety Facilities Major Maintenance (BO&M) **2015 = \$40,000**
2016 = \$40,000

This ongoing project is for major maintenance of the Public Safety Center (PSC) and Fire Station facilities managed by BO&M. Planned projects include minor drywall crack repair at the PSC, expansion joint replacement at the PSC, repair to the east over-hang at the PSC, roof replacement at Fire Station 6 and replacement of a hot water heater at Fire Station 6. \$10,000 was reallocated from the original project proposal to the Municipal Court Remodel and Security System Improvements project per City Council feedback at the August 18 Study Session.

Municipal Court Remodel and Security System Improvements **2015 = \$40,000**
2016 = \$40,000

For more information on this project, please see the project description under the “General Capital Improvements Projects” section. The total budget for this project is \$100,000 in both 2015 and 2016. Funding is split across the General Capital Improvement Fund between the General and Public Safety funding sources.

Computer Aided Dispatch/Report Management System Software Upgrades **2015 = \$0**
2016 = \$140,000

This project funds the three to four-year upgrade requirements for Public Safety applications (ILeads, IMobile, CAD and RMS) to ensure ongoing product support and enhancements. The City of Westminster has made a significant investment in application software to provide public safety services and records management tools for employees. These software products require upgrades to acquire new features and to guarantee ongoing vendor support. The vendors will only provide support for the last several versions of their software applications and will not provide support, updates and fixes for older, non-current software releases.

JD Edwards System Upgrades/Enhancements **2015 = \$18,000**
2016 = \$49,000

For more information on this project, please see the project description under the “General Capital Improvement Projects” section. The total budget for this project is \$66,000 in 2015 and \$120,000 in 2016. Funding is split across the General Capital Improvement Fund (General and Public Safety), the Wastewater Fund and the Water Fund.

Microsoft Software Upgrades **2015 = \$29,000**
2016 = \$29,000

For more information on this project, please see the project description under the “General Capital Improvement Projects” section. The total budget for this project is \$143,000 in 2015 and 2016. Funding is



split across the General Capital Improvement Fund (General and Public Safety), the Wastewater Fund and the Water Fund.

SQL Server Clustering **2015 = \$20,000**
2016 = \$0

For more information on this project, please see the project description under the “General Capital Improvement Projects” section. The total budget for this project is \$100,000 in 2015. Funding is split across the General Capital Improvement Fund (General and Public Safety), the Wastewater Fund and the Water Fund.

Mobile Technologies/Applications **2015 = \$20,000**
2016 = \$20,000

For more information on this project, please see the project description under the “General Capital Improvement Projects” section. The total budget for this project is \$95,000 in 2015 and 2016. Funding is split across the General Capital Improvement Fund (General and Public Safety), the Wastewater Fund and the Water Fund.

2015 Public Safety Capital Improvements Total **\$757,000**
2016 Public Safety Capital Improvements Total **\$923,000**

Parks, Recreation and Libraries Capital Improvement Projects:

Community Enhancement Program (CEP) **2015 = \$1,520,000**
2016 = \$1,535,000

The CEP is funded from the City’s hotel accommodation tax. Project examples include enhancement of medians, gateways, interchanges, bridges, neighborhood grants, art and miscellaneous projects. This project also provides funding for salaries for Park Services and Design Development Staff, contractual maintenance for City medians and rights-of-way, Promenade maintenance, greenhouse operations, forestry operations, replacement park signs and the City’s Plant-A-Tree program. In 2015, most of available funding for major projects is earmarked for aesthetic enhancements of the Sheridan Boulevard bridge at U.S. 36. Potential future projects include needs at the South Westminster transit oriented development area, City Park or Standley Lake.

Greenbelt and Drainage Improvements **2015 = \$25,000**
2016 = \$25,000

These funds provide for additional right-of-way improvements in greenbelt and drainage areas, along with mandated Corps of Engineers wetland mitigation and State drainage permitting. Examples include Airport Creek through Sheridan Green, Walnut Creek, Big Dry Creek Trail discharge permit and Quail Creek.

Trail Development **2015 = \$50,000**
2016 = \$50,000

This project will complete trail connections and improve trail surfaces, including bridges and culverts where applicable, throughout the City. Actual projects to be implemented in 2015 and 2016 will be determined by recommendations within the Open Space Stewardship Plan.

Landscape Architect II/Project Manager **2015 = \$72,000**
2016 = \$75,000

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.

Recreation Facilities Improvements **2015 = \$200,000**
2016 = \$200,000

This project provides ongoing funding for the City’s recreation facilities for projects that will upgrade, update and renovate existing facilities and equipment. Projects include locker room improvements, pool equipment replacement, weight and cardio equipment replacement, stereo and security system replacements, replacement of table and chairs, and classroom and program area enhancements. Funds will also be leveraged with Building Operations and Maintenance funds for painting and flooring improvements. This capital account funds projects at City Park Recreation Center, City Park Fitness Center, The MAC, Swim and Fitness Center, West View Recreation Center, and Countryside Pool and Facility. Specific planned projects for 2015/2016 include roof replacement, exterior work and new weight room equipment at the MAC. Other planned projects include new equipment at the Swim and Fitness Center and replacement of the running track floor at West View Recreation Center as funding allows.

Park Maintenance - Jefferson County Open Space (JCOS) **2015 = \$495,000**
2016 = \$510,000

This ongoing project funds the salaries of nine staff members (3.0 FTE Crewleaders, 2.0 FTE Irrigators and 4.0 FTE Parkworker positions) in the Park Services Division via the use of Jefferson County open space attributable share funds. These positions perform needed maintenance in the Jefferson County portion of the City open space and at City Park.

Adams County Open Space Land Acquisition **2015 = \$175,000**
2016 = \$175,000

These funds are a portion of the open space attributable share sales tax revenue received from Adams County from the 2001 voter-approved tax. As such, the funds must be utilized for acquisitions within the Adams County portion of the City. The City will use these funds to help pay for the Metzger Farm Certificates of Participation (COPs) payments in 2015, as has been the practice in prior years. This debt service commenced in 2006 and will be paid off under the current schedule in 2015. These COPs financed the acquisition of the Metzger Farm Open Space. In 2016, funds will be utilized to help implement recommendations from the Open Space Stewardship Plan.

Park Renovation Program **2015 = \$250,000**
2016 = \$250,000

This ongoing project provides annual funding for existing parks in need of repair and renovation. Projects for 2015 will include playground and irrigation improvements at Squires Park and playground improvements at Skyline Vista Park. Major projects for 2016 include general park renovation work at Sherwood Park and irrigation system replacement and concrete work at Municipal Park and the grounds of the Municipal Court. Additional funds are allocated to minor repairs on an as-needed basis.

Standley Lake Regional Park Improvements **2015 = \$50,000**
2016 = \$50,000

This ongoing project is funded from boating permit fees and provides funds for improvements that will upgrade, update and renovate existing facilities at the Standley Lake Regional Park. Projects planned for 2015/2016 include restroom floor replacement, nature center deck replacement, campsite renovations and main dock replacement.



Standley Lake Master Plan Implementation

2015 = \$0
2016 = \$75,000

With the immense natural and recreational amenities available at Standley Lake, Parks, Recreation and Libraries has launched a master plan process to assist visioning the future of recreation at the park and drawing a higher level of visitation. The master plan will provide guidance to implement programming and construct capital projects for a viable market share based on an approach weighing revenue potential with first and ongoing maintenance and operational costs, and evaluated against market analyses, public engagement and more. In 2016, funds will start implementing the master plan.

Standley Lake Regional Park Trail Development

2015 = \$45,000
2016 = \$150,000

This multi-year project will complete trails west of Standley Lake and will open recreational access where none has existed. Pending detailed design, this could include three or more miles of new trail and multiple bridge, low water and boardwalk crossings to complete the lake loop trail totaling 7 miles or more. Staff will concurrently launch design and implementation of Phase 1 master plan recommendations. Additional funding may be available through grant opportunities.

Recreation Facilities Major Maintenance (BO&M)

2015 = \$300,000
2016 = \$150,000

This ongoing project provides funding for major facility maintenance for the City’s recreation facilities. Planned projects for 2015/2016 include resealing caulking joints, glazing, replacing sprinkler heads, replacing failed glass panes and replacing two condensing units at City Park Recreation Center. Other projects include replacing the roof at the MAC, repairing the metal deck at the entrance to City Park Fitness Center and painting at Swim and Fitness Center as funding allows.

Minor Median Maintenance

2015 = \$25,000
2016 = \$25,000

Medians are a vital part of the City and help enhance the public’s driving experience in addition to upgrading commercial and retail areas. Because of the harsh conditions on the medians, plant material and associated irrigation requires replacement approximately every seven years. This funding provides for minor median plant material replacement and rehabilitation within medians throughout the City.

Aquatics Major Maintenance (BO&M)

2015 = \$33,000
2016 = \$50,000

This project dedicates funds for major repair and replacement of aquatics equipment maintained by BO&M at the City’s pools. This equipment includes pool pumps, motors, heat exchangers, boilers and ozone equipment. The City operates indoor pools at City Park Recreation Center and at Swim and Fitness Recreation Center as well as an outdoor pool at Countryside.

Swim and Fitness Center Americans with Disabilities Act (ADA) Ramp

2015 = \$30,000
2016 = \$0

Funds will go towards the partial replacement of the ADA ramp at the Swim and Fitness Center. Erosion and settling have damaged the ADA ramp and rendered it unstable and out of ADA compliance. Funds include the design and contracting of a partial replacement of the concrete and retaining wall.

Westminster Sports Center

2015 = \$20,000
2016 = \$20,000

In 2015, this project will add funds to prior years’ appropriations to replace the field turf on the indoor soccer field. Existing turf was installed prior to Westminster Sports Center opening in 2007. Lifespan of indoor turf used for soccer is estimated to be six to seven years. City staff have maintained existing turf with several patch repairs over the years as needed. In 2016, this project will fund the installation of a driveway and

garage door. This will allow Staff to access the interior with large Genie lifts to do work. In addition, the improved access will help with loading and unloading equipment.

Tepper Fields and Westbury Open Space Parking Lot Rehabilitation **2015 = \$0**
2016 = \$76,000

The parking lot for Tepper Fields, located at 73rd Avenue and Depew Street, is in poor condition and requires a partial reconstruction and asphalt overlay to bring it back into an acceptable condition. Similarly, the Westbury Open Space parking lot, located at 115th Avenue and Pecos Street, is in very poor condition and requires a full reconstruction.

Libraries Repair and Maintenance **2015 = \$50,000**
2016 = \$55,000

This project provides funding for the repair and maintenance of the structure and furnishings at the Irving Street and College Hill libraries. 2015 projects include replacing tables at the Irving Street Library and replacing furniture at the College Hill Library Teen Area. This project also sets aside money for major capital repairs, maintenance and replacements at the College Hill and Irving Street libraries.

Libraries Radio Frequency Identification Project (RFID) **2015 = \$84,000**
2016 = \$198,000

Westminster Public Library (WPL) desires to purchase all equipment and software needed to convert WPL to a radio frequency identification (RFID) working environment. The goal is to streamline materials handling and inventory, provide enhanced security for materials and automate check-in and sorting of materials where possible. There are three major scopes to the project. The first is installation of RFID-ready patron self-checkout systems to replace aging units already in place. The second major scope is implementation of the RFID tags, programming stations and other equipment to convert the collection to RFID. The third major scope is installation of automated materials handling systems.

Open Space Repair and Maintenance **2015 = \$150,000**
2016 = \$150,000

Management of the City's open space system requires a broad stewardship approach. Per the City's Open Space Stewardship Plan, noxious weed control, trail upgrades and erosion control are specific areas of concern that will be addressed with this funding. Staff will be hiring outside contractors for weed spraying and goat grazing on open space properties. Trail improvements will include concrete replacement, trail additions and wayfinding signage. Erosion control projects will be focused along the Big Dry Creek corridor where the stream banks are being severely cut by the water flow.

Park Operations Facilities Repair and Maintenance **2015 = \$0**
2016 = \$30,000

Facilities supported through this project include the greenhouse, the Open Space and Forestry Operations facility at the Braugh property, the Park Operations Center, and the lift station and pump house at City Park. 2016 funding will start setting funds aside to rebuild the pump house at City Park (estimated construction cost = \$150,000).

Recreation Facilities Major Maintenance - Energy (BO&M) **2015 = \$40,000**
2016 = \$40,000

This project is for various energy projects identified in the Ameresco Energy Audit completed in 2013. Other projects have been identified by Staff as necessary upgrades, but are expected to reduce current operating costs as well through maintenance savings. Planned projects include lighting and heating improvements at the Swim and Fitness Center, installation of dedicated HVAC for the childcare room at City Park Recreation Center, replacement of condensing units with dual chillers at City Park Recreation Center, replacement of



furnace and air conditioner at The Heritage maintenance facility, and more miscellaneous projects to improve energy efficiency and save costs.

Transfer to Golf Course Fund **2015 = \$185,000**
2016 = \$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. Due primarily to continuing debt obligations at The Heritage, revenues from Golf operations alone are not projected to cover the total expenditures proposed for Golf operations in 2015/2016.

Golf Course Improvements **2015 = \$23,000**
2016 = \$70,000

This ongoing project provides funds for improvements that will upgrade, update and renovate existing facilities at The Heritage Golf Course at Westmoor and Legacy Ridge Golf Course. Planned projects at Legacy Ridge include patio furniture replacement, replacement of maintenance yard fencing, kitchen renovation, cart path renovation and installation of a drinking fountain at the driving range. Planned projects for The Heritage include a remodel of the front counter at the club house, table top replacement at the banquet room, kitchen renovation, pump station motor replacement and installation of a drinking fountain at the driving range.

Legacy Ridge Capital Projects (BO&M) **2015 = \$112,000**
2016 = \$0

This project is for specific major capital needs at Legacy Ridge and includes roof repair, plumbing replacements, control system panel upgrades and major kitchen repair and replacements. Kitchen items include replacement of current waste pipe, floor replacement, new equipment, ceiling replacement and drain replacement.

The Heritage Clubhouse Elevator (BO&M) **2015 = \$80,000**
2016 = \$60,000

Funds will upgrade and replace most of the mechanical components of the elevator in the clubhouse. The elevator is original to the building and is now 15 years old. This upgrade will bring it up to code and decrease maintenance costs. This is a typical upgrade for an elevator of this age. The funding duration is stretched over two years to provide adequate time for design, purchase and contracting of the work.

Westview Recreation Center Boiler Room Replacement **2015 = \$125,000**
2016 = \$0

This project will replace the domestic hot water tank, domestic hot water boiler and heating hot water boiler. This project was identified in the Ameresco Energy Audit. The new system will have redundancy, which will reduce the likelihood of facility closure. The hot water tank needs to be replaced as soon as possible as it is well past its useful life. Staff is working to identify the optimum extended closure at this facility to complete this work.

Enhanced Mobility and Connectivity **2015 = \$55,000**
2016 = \$35,000

For a description of this project, please see its listing in the General Capital Improvement Fund section. Funding for this project is split across the General Capital Improvement Fund (“general” revenue and dedicated Parks, Recreation and Libraries revenue). The total project is \$125,000 in 2015 and \$75,000 in 2016.



Parks, Recreation and Libraries Website/Registration Software **2015 = \$100,000**
2016 = \$0

This project will develop a new Website that improves the department’s online registration processes, fully incorporates mobile application support (such as mobile registration, wayfinding, social media apps, etc.), improves user experience and updates the department’s social media and Website presence.

City Park Master Plan Implementation **2015 = \$31,000**
2016 = \$100,000

Staff is currently working through the City’s procurement process for an update to the existing City Park Master Plan. The selected consultant will review the existing Master Plan, solicit external and internal comments, analyze facilities, review current trends and existing programming to make recommendations for future redevelopment at City Park. This funding is proposed to start implementing the forthcoming Master Plan.

City Hall Master Plan Implementation - Xeriscape **2015 = \$680,000**
2016 = \$425,000

The City Hall Xeriscape Project is a multi-departmental effort that includes the conversion of the turf area north of City Hall into a Xeriscape garden following the installation of ground source heat wells (geothermal). Additionally, the project includes a connection and overlook from the eastern parking lot so visitors can access the garden, including a crossing and improvements to the median connection to 92nd Avenue. Also included is the conversion of the landscape area along the eastern property line to native seed with a loop trail around the City Hall grounds. Finally, the project includes the conversion of the parking lot islands from raised to depressed water quality basins. \$375,000 is also budgeted for this project in 2015 from the Water Fund. Total project cost is estimated at approximately \$1.5 million.

City Hall Arcade Wall Restoration/Repairs **2015 = \$150,000**
2016 = \$0

This project is for repairs, restoration or demolition of the existing arcade wall in front of City Hall. The wall has been developing what is believed to be structural cracks in the openings. This project may be incorporated into the entire plaza renovation project, but is reflected as a separate project for budgeting purposes.

City Hall Master Plan Implementation—Plaza Renovation **2015 = \$1,084,000**
2016 = \$83,000

City Hall plaza is 26 years old and has had no major improvements since its original construction. The current plaza presents challenges. Deteriorating concrete, structural issues with the arcade structure, an aging fountain and perimeter traffic flow are some of the repairs being reviewed. Minimal repairs have been made to the concrete plaza with poor results. The arcade has become a hazard with falling granite pieces and corroding pillars. The fountain poses safety concerns along with a lack of reflection of the City’s philosophy of water conservation. Hazards now exist on the concrete, stairs limit access from the east parking lot, traffic flow has changed and increased since the construction of the Public Safety Center, and there is an overall lack of use of the plaza by citizens and employees. By redesigning and renovating the plaza, some of the above risks will be eliminated and create an updated space that reflects stewardship of the City’s existing buildings. This project will provide a new plaza space that considers overall accessibility, reinterprets and integrates the plaza space with the proposed xeriscape improvements and adds visual interest. New concrete, a natural fountain with limited water use, a new arcade, planting beds, areas designated for art, seating, tables, new traffic and pedestrian flows are part of the planned improvements. The total project is estimated to cost \$1.303 million with funding provided in 2015-2017.

2015 PRL Capital Improvements Total	\$6,239,000
2016 PRL Capital Improvements Total	\$4,892,000



2015 GRAND TOTAL General Capital Improvement Fund	\$14,249,000
2016 GRAND TOTAL General Capital Improvement Fund	\$11,072,000

UTILITY FUND CAPITAL IMPROVEMENT PROJECTS

Wastewater System Capital Improvement Projects:

Sanitary Sewer Line Trenchless Rehabilitation	2015 = \$500,000
	2016 = \$250,000

This ongoing project provides funds for the repair of deteriorated sanitary sewer lines by trenchless rehabilitation techniques (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.

Sanitary Sewer Line Open-Cut Replacement	2015 = \$0
	2016 = \$250,000

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 programs or coordination with other City sewer, street rehabilitation or development projects. Open cut replacement of sanitary sewers is necessary where trenchless technology is not available or applicable. It is usually more costly and disruptive than trenchless rehabilitation and therefore only used when necessary.

Little Dry Creek Interceptor Repairs	2015 = \$2,500,000
	2016 = \$5,000,000

The City completed an extensive survey of the age, condition and hydraulic capacity of its large-diameter sewer mains in 2012. As part of that effort, several sewer pipeline projects were identified throughout the City and prioritized for repair or replacement. The focus in the next several years is on the sewers in South Westminster because this area of the City showed both hydraulic capacity and age/condition issues. Using the findings of the 2012 Sewer System Report, Staff initiated replacement and repairs in the Little Dry Creek Sewer System. Some of the improvements have been completed or are in progress in the vicinity of Federal Boulevard, Lowell Boulevard, 72nd Avenue and Raleigh Street. This project will repair and replace the remaining portions of the Little Dry Creek interceptor sewer, including: England Park to Lowell, 70th Avenue due from Sheridan Boulevard to Bradburn Boulevard, 64th Avenue to Pecos sewer outfall, England Park at Elk Drive, Wolff Street to Utica Street, 73rd Avenue to 78th Avenue, 78th Avenue and Xavier Street, and U.S. 36 and 88th Avenue. Total project cost is estimated at \$12.5 million. A debt issue is anticipated in 2017 to help fund a portion of this project’s costs and provide funding for another major project in the proposed 2017 CIP (Big Dry Creek Wastewater Treatment Facility Biosolids and De-watering Improvements). Debt is necessary to preserve the remaining proposed capital improvement projects, minimize potential rate adjustments and maintain a fiscally sound Capital Project Reserve (CPR) balance. This debt strategy also promotes intergenerational equity of costs of necessary improvements to the utility system. \$7.5 million in funding is from “cash” and CPR balance in 2015 and 2016. \$5 million in planned debt in 2017 would cover the remaining project costs.

80th Avenue and Clay Street Lift Station Elimination Project	2015 = \$1,500,000
	2016 = \$0

The wastewater lift station located at 80th Avenue and Clay Street was originally constructed in 1987 as part of the Shadow Ridge Subdivision and is critical to the sewer service of more than 200 single-family homes. Retiring or replacing the existing station is necessary because its components have reached the end of their



useful life and are out of compliance with current safety standards and electrical codes. A study completed by the project design team shows eliminating the lift station is more cost-effective than replacement, but will require additional upfront funding beyond the \$2 million appropriated in the 2013 budget. The funding in 2015 will allow the project to proceed.

Big Dry Creek Wastewater Treatment Facility Digester Complex Repair and Replacement

2015 = \$2,500,000

2016 = \$150,000

The Big Dry Creek Wastewater Treatment Facility is in need of various repairs and replacement of assets as part of its normal operational life. Repairs are needed especially in and around treatment processes involving the digesters. The digester complex structures and equipment are 20 to 40 years old and operate in a very harsh and corrosive environment. A digester replacement and dewatering master plan is planned for 2015 to evaluate the long-term needs of the digester facility and the most cost-effective means to achieve those goals. The 2015 project includes necessary near-term repairs to digester structures and replacement of the mixing and methane gas handling equipment. This project also includes emptying and cleaning several digesters in 2016 to remove accumulated inorganic material that collects on the floors of the digesters. Work included within the project is necessary to maintain the functionality of the plant and reduce excessive maintenance costs and emergency repairs.

Lift Station and Forcemains Major Repair and Replacement

2015 = \$0

2016 = \$3,400,000

The City's wastewater collection system includes several pump stations that help transfer and direct sewer flows to the City's wastewater treatment facilities. These pumping facilities are known as lift stations and pump into pipelines known as force mains. Three of the City's force mains have reached the end of their useful life and are in need of repair or replacement to maintain the safety and reliability of the City's sewer service. Additionally, some lift station communication and electrical equipment will be replaced to meet current electrical codes and operational needs. Projects will focus on the Federal lift station, Zuni lift station and North Huron forcemain. Communication equipment will be upgraded at the Standley Lake lift station.

Water Quality Compliance and Testing Facility Repair and Replacement

2015 = \$35,000

2016 = \$70,000

As part of normal operations for the wastewater treatment facilities, the City is responsible to monitor 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.

Big Dry Creek Wastewater Treatment Facility Buildings and Facility Maintenance

2015 = \$575,000

2016 = \$290,000

The Big Dry Creek Wastewater Treatment Facility is in need of various repairs and replacement of assets as part of its normal operational life. The 2015 projects include repair/replacement of buildings, roofs, valves and piping and certain treatment process equipment. This project also includes replacement of the odor control media and modifications to the headworks building to improve operation and maintenance access to equipment in the lower level. Work included within the project is necessary to maintain the functionality of the plant and reduce excessive maintenance costs and emergency repairs.

JD Edwards System Upgrades/Enhancements

2015 = \$10,000

2016 = \$8,000

For more information on this project, please see the project description under the "General Capital Improvement Projects" section. The total budget for this project is \$66,000 in 2015 and \$120,000 in 2016.



Funding is split across the General Capital Improvement Fund (General and Public Safety), the Wastewater Fund and the Water Fund.

Microsoft Software Upgrades **2015 = \$29,000**
2016 = \$29,000

For more information on this project, please see the project description under the “General Capital Improvement Projects” section. The total budget for this project is \$143,000 in 2015 and 2016. Funding is split across the General Capital Improvement Fund (General and Public Safety), the Wastewater Fund and the Water Fund.

SQL Server Clustering **2015 = \$15,000**
2016 = \$0

For more information on this project, please see the project description under the “General Capital Improvement Projects” section. The total budget for this project is \$100,000 in 2015. Funding is split across the General Capital Improvement Fund (General and Public Safety), the Wastewater Fund and the Water Fund.

Mobile Technologies/Applications **2015 = \$15,000**
2016 = \$15,000

For more information on this project, please see the project description under the “General Capital Improvement Projects” section. The total budget for this project is \$95,000 in 2015 and 2016. Funding is split across the General Capital Improvement Fund (General and Public Safety), the Wastewater Fund and the Water Fund.

Wastewater Capital Outlay Replacement Program (WWCORp) **2015 = \$29,000**
2016 = \$83,000

This project funds vehicle, large equipment and copier replacement associated with wastewater operations. 2015 funding is for a new 3/4 ton truck with lights for the 1.0 FTE Utility Technician who was added at Big Dry Creek Wastewater Treatment Facility in 2014. 2016 includes replacement of two 3/4 ton trucks for wastewater field operations, along with replacement of a 4-inch water pump (driven by a diesel engine on a trailer) for emergency sanitary sewer backups.

Payment in Lieu of Use Tax **2015 = \$146,000**
2016 = \$177,000

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.

2015 Wastewater System Capital Improvements Total **\$7,854,000**
2016 Wastewater System Capital Improvements Total **\$9,722,000**

Water System Capital Improvement Projects:

Utility Fund Facilities Parking Lot Maintenance Program **2015 = \$50,000**
2016 = \$0

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



City Hall Master Plan Implementation - Xeriscape **2015 = \$375,000**
2016 = \$0

For more information on this project, please see the project description under the “General Capital Improvement Fund - Parks, Recreation and Libraries Capital Improvement Projects” section. The total budget for this project is split between the General Capital Improvement Fund and the Water Fund. Total project cost is estimated at approximately \$1.5 million and a majority of the funding is reflected in the General Capital Improvement Fund.

Raw Water System Improvements **2015 = \$350,000**
2016 = \$350,000

The City’s Comprehensive Water Supply Plan calls for a certain amount of water rights to be purchased by build-out. These funds will be for water rights that become available on the market that can be included in the City’s raw water system. In addition, these funds can be used to purchase water rights on lower Clear Creek and Ralston Creek for use in the City’s Jim Baker Reservoir system and a future South Westminster non-potable water system.

Pump Station Equipment - Major Repair and Replacement **2015 = \$150,000**
2016 = \$150,000

The City operates several potable water pump stations that are used to meet potable water demands and for fire flow service during emergencies. Repairs are required on a regular basis in order to maintain safe operations and high-quality potable water service to City customers. The purpose of this project is to repair or replace miscellaneous parts and equipment that has reached the end of its useful life. These funds are also used to respond to unanticipated emergencies that can occur at these facilities.

Reclaimed Water Treatment Facility - Major Repair and Replacement **2015 = \$50,000**
2016 = \$50,000

The Reclaimed Water Treatment Facility is a complex, highly mechanical, \$20 million facility that requires regular maintenance and repair of significant systems. Some of the facility’s mechanical equipment, such as high service pumps, HVAC units and process monitoring equipment, as well as major building systems such as the membrane roof and concrete sidewalks, require ongoing repair or replacement. The purpose of this project is to address these types of items.

Croke Canal and Standley Lake Improvements **2015 = \$175,000**
2016 = \$200,000

This is a multi-year project. The City contributes to repair and replacement costs as members of the Croke Canal Company ownership. Repair work in 2015 involves Standley Lake dam, shaft and spillway repairs and replacing the water sealer in the dam’s labyrinth spillway. 2016 will fund a study to look at potential enlargement of Standley Lake to protect and maintain the City’s full raw water storage rights.

Gravel Lakes Facilities Major Repair and Replacement **2015 = \$750,000**
2016 = \$50,000

This ongoing 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 and to help protect the quality of Standley Lake. Specific projects include repair and improvements of the Jim Baker Reservoir facility instrumentation and electrical equipment, yard piping, maintenance building and irrigation pump. The project also includes general annual maintenance and repair of other gravel lake facilities.



Supervisory Control and Data Acquisition (SCADA) / Programmable Logic Control (PLC) Updates

2015 = \$175,000
2016 = \$50,000

This project includes repairs, replacements, improvements and upgrades to utility PLC and SCADA components. PLC and the SCADA system work together to help operations Staff control instruments, machinery and equipment of pump stations, water tanks and water treatment processes. Together the SCADA and PLC systems 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 PLC components and SCADA equipment on a regularly scheduled plan.

Water Quality Lab Equipment Major Repair and Replacement

2015 = \$215,000
2016 = \$235,000

As part of normal operations for the water treatment facilities and water distribution system, the City is responsible to monitor 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.

Pressure Zone 3 Expansion

2015 = \$0
2016 = \$10,350,000

This project is for the design of a new pump station, new transmission pipelines and a new elevated water storage tank within the water distribution system. The overall intent of this project is to improve portions of the distribution system to meet the level of service experienced elsewhere in the system for adequate water pressure and flow. The project will also improve the City-wide water storage volume to help provide needed operational storage to meet daily demand fluctuations, emergency storage to provide water in the event of a widespread interruption of water supply and fire flow storage. These improvements will be accomplished by expanding Pressure Zone 3. The zone will be expanded west to incorporate customers west of U.S. 36 to Pierce Street and north/south between approximately 88th Avenue and the Farmers' High Line Canal. The improvements will be sized for buildout demands within the City, including anticipated development and redevelopment. The improvements relieve water supply and storage requirements from other pressure zones in the City's water distribution system, thereby increasing levels of service, reliability and redundancy in a relatively larger portion of the City. The total project is estimated at \$27.35 million. A debt issue is anticipated in 2017 to help fund a portion of this project's cost. Debt is necessary to preserve other capital improvement projects, minimize potential rate adjustments and maintain a fiscally sound Capital Project Reserve (CPR) balance. This debt strategy also promotes intergenerational equity of costs of necessary improvements to the utility system. \$10.35 million in funding is from "cash" and CPR balance in 2016. \$17 million in planned debt in 2017 would cover the remaining project costs.

Semper Water Treatment Facility Lime Chemical Feed Repair and Replacement

2015 = \$750,000
2016 = \$0

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 repairs to a chemical system used as part of the treatment process known as the lime feed system. Several components of this system were installed in 1994 and, due to age and heavy use, certain system components require replacement. This project will repair and replace dust collection equipment, mechanical mixing equipment and the lime building roof. Some miscellaneous parts will also be replaced. This project is necessary to keep the lime feed system and the overall treatment process of the plant in reliable working order and safe for Staff.


Distribution System Pressure Reducing Valves Repair and Replacement
2015 = \$1,500,000
2016 = \$50,000

The potable water distribution system is operated to provide water to City customers within a target pressure range. Achieving the right pressures involves pumps, storage tanks and specialized valves known as pressure reducing valves (PRVs). There are a total of 17 PRVs throughout the City distribution system and some are at the end of their useful life and need replacement. Valves, piping and vaults will be repaired or replaced as necessary to ensure reliable pressures, operator safety and reduced distribution system maintenance.

Semper Water Treatment Facility Sedimentation Repair and Replacement
2015 = \$600,000
2016 = \$0

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 repairs to treatment process tanks known as sedimentation basins. Due to the age of the equipment and the environment inside the buildings, the equipment inside of the sedimentation basins has experienced corrosion and must be replaced. This project is necessary for maintaining safe and reliable operations at this facility.

Northwest Water Treatment Facility Membrane Repair and Replacement
2015 = \$1,700,000
2016 = \$50,000

The Northwest Water Treatment Facility has been in operation for over 13 years and some of the membrane filtration equipment has reached the end of its useful life. The facility utilizes 902 membrane modules to filter water and over time, the membranes experience wear and must be replaced. In 2015, 328 modules are scheduled to be replaced along with certain supporting instruments that help control the filtration process. Additional membrane modules will be replaced at regular intervals over time to maintain plant operations and treatment capacity.

Northwest Water Treatment Facility Chemical Feed Systems Repair and Replacement
2015 = \$1,000,000
2016 = \$0

The Northwest Water Treatment Facility has been in operation for over 13 years and some of the chemical feed equipment has reached the end of its useful life. Various repairs and replacement of chemical feed system components are necessary as part of the normal operational life of the facility and to maintain operations and treatment capacity. A key component of this project is to replace the potassium permanganate storage and feed system. The project also includes piping and valve repairs/replacements for several chemical storage and feed systems to improve system safety and reliability.

Semper and Northwest Water Treatment Facilities - HVAC Repair and Replacement
2015 = \$1,750,000
2016 = \$200,000

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 repairs and improvements to the existing heating ventilation and air conditioning (HVAC) system. The current system is at the end of its useful life and inadequate for the current building configuration. New equipment will be designed and installed to be more efficient, reduce the facility energy consumption costs and better meet the needs of the facility. This project is necessary to protect existing equipment and provide a safe work environment for Staff. Also included in this project are improvements to the HVAC system at the Northwest Water Treatment Facility. This facility requires additional HVAC equipment within the electrical and the acid chemical feed/storage rooms. The new equipment is necessary to protect against overheating existing equipment and provide adequate ventilation to maintain safety for operations staff.



Zone 5 Pump Station Major Repair and Replacement

2015 = \$2,000,000
2016 = \$0

The City operates several water pump stations that are used to meet potable water demands and for fire flow service during emergencies. Repairs are required on a regular basis in order to maintain safe operations and provide high-quality potable water service to City customers. This project includes routine repairs and equipment replacement for the Zone 5 Pump Station. The work is necessary to maintain reliable water service to a large area of the City west of Wadsworth Parkway and north of 100th Avenue. The timing of this project is important to support potable water delivery to this area of the City during upcoming repairs to the Countryside storage tank and pump station.

Water Treatment Facility Master Plan

2015 = \$450,000
2016 = \$0

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. Due to its age and condition, the amount and costs of regular repairs needed at the plant is increasing, with significant expenditures anticipated within the next 10 year time frame. The purpose of this project is to confirm priority projects, their optimal timing and the most cost-efficient way to maintain high-quality, potable water treatment to City customers. This project also involves a review of the Northwest Water Treatment Facility to confirm the most cost-efficient program for regular membrane replacement and determine improvements that may be necessary over time to optimize treatment capacity.

City-wide Water Main Installation

2015 = \$3,000,000
2016 = \$200,000

The City-wide Water Main Installation project consists of water main projects that are high priority. A total of 4,670 feet of new pipeline will be constructed ranging in size from 8-30 inches in diameter. The new mains are necessary for system redundancy, improved flow and fire protection, and to support increased capacity demands resulting from development and redevelopment. One project consists of the installation of approximately 1,070 feet of 24-inch of transmission main within Federal Parkway between Zuni Street and 122nd Avenue. This segment of transmission main will connect with existing pipe stubs and its purpose is to provide parallel redundancy to the transmission main in Huron Street that feeds the City north of 120th Avenue. A second project consists of the installation of approximately 820 feet of 24-inch to 30-inch transmission main within the Westminster Promenade Subdivision. This transmission main will connect and run parallel with an existing transmission main through the Promenade and its purpose is to provide redundancy to a large area of the City as water feeds north of U.S. 36 from the Northwest Water Treatment Plant. A third project consists of the installation of approximately 2,780 feet of 8-inch and 12-inch water mains in the following streets: Federal Boulevard between Westminster Station Drive and 72nd Avenue, Craft Way, Grove Street and 71st Way. Water mains are both new and replacement mains and provide looping of the distribution system for development in the transit oriented development area around RTD's commuter rail station. The project will also convert 35 existing Crestview Water and Sanitation District customers to the City's water system.

Distribution System Water Quality Compliance Stations

2015 = \$450,000
2016 = \$0

As part of normal operations for the City's potable water system, the City is responsible to monitor 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. The purpose of this project is to add water quality compliance stations in approximately 37 locations throughout the City. These stations allow City staff to efficiently and safely obtain water samples to ensure high-quality water for City customers.



Semper Water Treatment Facility Filtration Repair and Replacement

2015 = \$0
2016 = \$2,250,000

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 repairs to the filtration system, a critical part of the water treatment process. Due to age and heavy use, several components of this system require replacement, including filter sand, valves and piping. The focus of this project is to repair or replace components of the filtration process to maintain high-quality of drinking water.

Countryside Pump Station and Tank Repair and Replacement

2015 = \$0
2016 = \$1,000,000

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 tank are required to maintain its structural integrity, compliance with safe drinking water regulations and improvements to tank safety for maintenance personnel. The first phase of this project is design, planned for 2016, with construction to follow in subsequent years.

Distribution System Master Meter Repair and Replacement

2015 = \$0
2016 = \$4,000,000

Various large water customers throughout the City are provided water through what is called a master water meter. These water meters are located within below-ground vaults and connect the City water distribution system to the customer's private system downstream of the water meter. Many of these master meter vaults are in poor condition and have reached the end of their useful life. The purpose of this project is to rehabilitate or replace several of the City's master meters and their vaults. This work will improve vault safety, access and water usage billing accuracy. The project also includes replacement of the meter shop test bench equipment. This equipment has reached the end of its useful life and replacing it is necessary to maintain the capabilities of the City to calibrate existing customer water meters.

Sheridan Water Main Repair and Replacement - South of U.S. 36

2015 = \$0
2016 = \$4,750,000

The City has an extensive network of water mains to deliver treated water to customers. Some of those water mains are used to transfer large quantities of water from one region of the City to another. These large-diameter pipes are referred to as transmission mains. The purpose of this project is to implement a multi-year phased repair of a priority transmission main in Sheridan Boulevard from 70th Avenue to 120th Avenue. A total of 5.7 miles of pipeline will be rehabilitated on pipelines ranging from 12 inches to 30 inches in diameter. Rehabilitation of the transmission mains will be used for many sections of the project with some open cut replacement required.

Comprehensive Water Supply Plan - Raw Water System Efficiency Improvements

2015 = \$300,000
2016 = \$0

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. Formally changing the designation of water rights is necessary before they are available for use by the City.



Semper Water Treatment Facility Roof Repair and Replacement **2015 = \$0**
2016 = \$850,000

The Semper Water Treatment Facility campus has several buildings with roofs showing deterioration and the need for replacement. Roofs at two of the City’s water pump stations are in similar condition and have reached the end of their useful life. This project will replace these roofs and extend the life of facilities.

Improvements to Utility Storage Facilities **2015 = \$110,000**
2016 = \$0

The City owns and operates an extensive utility system of pipelines, pump stations, treatment facilities and other critical infrastructure. Many of the parts and equipment required to maintain this infrastructure are stocked and stored at City facilities. Having these parts on hand means they are available for regular and immediate response events such as pipe breaks and other emergency situations. The purpose of this project is to build additional storage racks within existing City storage facilities.

Temporary Engineer/Project Manager **2015 = \$100,000**
2016 = \$100,000

Prior to 2014, the Utilities Planning and Engineering Division was staffed to support the City’s historic priority project load from year to year. However, the proposed Pressure Zone 3 Expansion and Little Dry Creek Interceptor projects represent significant work load that is in addition to the efforts required to implement the ongoing CIP. To support this additional work load, an additional full-time engineering position was funded in 2014. Staff have reviewed the costs associated with outsourcing a contract engineer through an engineering firm and believe it is more cost effective and in the best interest of the City to maintain a temporary engineer. Salary and benefits for this position are consistent with the City’s current policy regarding temporary employees. Funding for the temporary position will be supplied from capital improvement funds on a temporary basis only and will not increase standing operating costs to the City. Funding is provided in 2015 and 2016 to continue this temporary position.

Water Capital Outlay Replacement Program (WCORP) **2015 = \$531,000**
2016 = \$486,000

This project funds vehicle, large equipment and copier replacements associated with water operations. 2015 funding is for two new 3/4 ton trucks in 2015 associated with the level of service addition for the Meter Shop (offset by additional revenues). The cost for both of these trucks is \$64,000. 2015 also includes replacement of several trailers, an all-terrain forklift, an excavator, three field trucks, one pool car and three copier replacements. 2016 includes replacement of two water main break vans, a trailer, a field crew backhoe, three field trucks and one copier.

IT Server Room Updates/Upgrades **2015 = \$100,000**
2016 = \$0

For more information on this project, please see the project description in the “General Capital Improvement Projects” section. The total budget for this project is \$200,000 and split between the General Capital Improvement Fund and the Water Fund.

Teleworks Upgrade **2015 = \$0**
2016 = \$100,000

Teleworks is used to provide customers access to account information and to make online payments for utility bills. The system also provides integration with the building permit system services for the Building Division and jury notification system for the Municipal Court. Funding is provided in the Water Fund in 2016 to be combined with future proposed funding in the General Capital Improvement Fund in 2017 to complete this project. A total project of \$160,000 is anticipated for upgrades for this system.

JD Edwards System Upgrades/Enhancements**2015 = \$15,000****2016 = \$13,000**

For more information on this project, please see the project description under the “General Capital Improvement Projects” section. The total budget for this project is \$66,000 in 2015 and \$120,000 in 2016. Funding is split across the General Capital Improvement Fund (General and Public Safety), the Wastewater Fund and the Water Fund.

Microsoft Software Upgrades**2015 = \$27,000****2016 = \$27,000**

For more information on this project, please see the project description under the “General Capital Improvement Projects” section. The total budget for this project is \$143,000 in 2015 and 2016. Funding is split across the General Capital Improvement Fund (General and Public Safety), the Wastewater Fund and the Water Fund.

SQL Server Clustering**2015 = \$25,000****2016 = \$0**

For more information on this project, please see the project description under the “General Capital Improvement Projects” section. The total budget for this project is \$100,000 in 2015. Funding is split across the General Capital Improvement Fund (General and Public Safety), the Wastewater Fund and the Water Fund.

Mobile Technologies/Applications**2015 = \$20,000****2016 = \$20,000**

For more information on this project, please see the project description under the “General Capital Improvement Projects” section. The total budget for this project is \$95,000 in 2015 and 2016. Funding is split across the General Capital Improvement Fund (General and Public Safety), the Wastewater Fund and the Water Fund.

Utility Billing Software Upgrades or Replacement**2015 = \$0****2016 = \$250,000**

This project will fund upgrades to the current utility billing software or the replacement of this software with a system that will provide the tools needed for the evolving complexities of the water, wastewater and stormwater programs. The upgrade or replacement will improve reporting functionalities and web portal integration to provide customer tools for research consumption and billing records. The first task of this project in 2016 will be to assess the current software system and determine the best approach to improve functionality and customer tools.

City Hall Cashier System**2015 = \$0****2016 = \$75,000**

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. The total project is estimated to cost \$150,000; future funding is proposed in 2017.



Payment in Lieu of Use Tax **2015 = \$274,000**
2016 = \$440,000

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.

2015 Water System Capital Improvements Total **\$16,992,000**
2016 Water System Capital Improvements Total **\$26,296,000**

2015 Wastewater and Water Projects Total **\$24,845,000**
2016 Wastewater and Water Projects Total **\$36,018,000**

Stormwater System Capital Improvement Projects:

Miscellaneous Storm Drainage Improvements **2015 = \$100,000**
2016 = \$200,000

This ongoing project provides funds for several smaller storm drainage improvements throughout the City as necessary. Funds are also used for compliance activities associated with the Clean Water Act as administered by the Colorado Department of Public Health and Environment (CDPHE), topographic mapping of the City for updating the Flood Insurance Rate Maps, and studies with the Urban Drainage and Flood Control District (UDFCD).

Little Dry Creek Storm Drainage/Detention (Lowell Boulevard to Federal Boulevard) **2015 = \$2,055,000**
2016 = \$2,045,000

With Westminster Station (FasTracks) and South Westminster transit-oriented development (TOD) on the north side of the Burlington Northern Santa Fe Railroad, this project will greatly enhance the existing Little Dry Creek area with a regional stormwater detention facility. Additionally, various properties that are currently in the floodplain will be removed from the floodplain. The project funds improvements that will include re-aligning Little Dry Creek to move it away from existing single-family residences, a regional detention facility near Federal Boulevard, a regional water quality facility, various grade control structures and pedestrian bridges across the re-aligned creek, and massive excavation to accommodate the needed detention storage. Adams County and the Urban Drainage and Flood Control District (UDFCD) are partners with the City on this project and will help fund project costs. The City will continue to request project funds from Adams County and UDFCD on an annual basis as the project moves forward. The total project is estimated to cost approximately \$14 million.

South Branch Hylands Creek **2015 = \$0**
2016 = \$200,000

Located west of Waverly Acres subdivision and within the Hylands Creek open space, this project combines the South Hylands Creek and Middle Hylands Creek channel stabilizations since they are adjacent to each other. These two stream segments are listed in the 2007 storm drainage study as number four and five priorities. An exposed sanitary sewer pipe within the South Hylands Creek channel gave it a high ranking on the list of priorities. The Middle Hylands Creek in this same area was observed to be severely eroded and threatening, but not exposing, nearby sanitary sewer pipes. The project will consist of stream bank stabilization, drop structure installation and sanitary pipe protection generally in the area between 104th Avenue and



Sheridan Boulevard. This is also listed on the Urban Drainage and Flood Control’s CIP list for matching funds. The project is estimated to cost \$1.209 million over 2016 to 2018.

Ranch Creek at 120th Avenue and Federal Boulevard **2015 = \$400,000**
2016 = \$0

The existing box culvert under 120th Avenue is undersized and has erosion issues. This project will increase the size of the box culvert and also accommodate a pedestrian cell component into the design. Additionally, portions of the upstream and downstream sections Ranch Creek channel will be stabilized with this project. As described in the General Capital Improvement Fund section, the Colorado Department of Transportation (CDOT) has scheduled the widening of 120th Avenue at this location. The Ranch Creek work needs to be done in advance of CDOT’s project.

Big Dry Creek Stabilization **2015 = \$0**
2016 = \$453,000

Big Dry Creek between 120th Avenue and Huron Street was identified as severely eroded with incised vertical banks between 7 and 12 feet in the 2007 Storm Drainage Study. Additionally, a section of Big Dry Creek embankment, located about 200 feet upstream of the Bull Canal diversion, lost structural stability and washed out during the flooding events of September 2013. This embankment was plugged temporarily and requires a permanent installation of engineered material. The broader Big Dry Creek stabilization project will be designed to break down the roughly 2.5 miles of creek length into multiple project phases to be completed as funds become available.

Middle Cotton Creek **2015 = \$0**
2016 = \$270,000

This channel has significant erosion and is severely overgrown. This channel has diminished flood flow volume due to overgrowth of vegetation, trees and sedimentation. Diminished flood flow volume increases the probability of flooding structures in the vicinity. This project will stabilize the channel and repair the culvert.

City Park Channel Phase Two **2015 = \$0**
2016 = \$42,000

In cooperation with the Urban Drainage and Flood Control District (UDFCD) and the City and County of Broomfield, this project would construct the second phase of the City Park channel from approximately 800 feet east of Lowell Boulevard to Big Dry Creek. This phase includes installing a drainage channel with drop structures to accept a portion of the existing runoff from City Park channel. This project is listed as an UDFCD project, which is eligible for 50% matching funds. The City will also partner with Broomfield, which is expected to contribute \$150,000 in matching funds as well. The project is estimated to cost the City \$150,000 and is proposed for additional funding in 2017.

Payment in Lieu of Use Tax **2015 = \$47,000**
2016 = \$58,000

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.



2015 Stormwater Capital Improvements Total	\$2,602,000
2016 Stormwater Capital Improvements Total	\$3,268,000
2015 GRAND TOTAL Utility Capital Improvement Fund	\$27,448,000
2016 GRAND TOTAL Utility Capital Improvement Fund	\$39,286,000
2015 CAPITAL IMPROVEMENT PROGRAM GRAND TOTAL	<u>\$41,697,000</u>
2016 CAPITAL IMPROVEMENT PROGRAM GRAND TOTAL	<u>\$50,358,000</u>



2015-2019 CAPITAL IMPROVEMENT PROGRAM

	ADOPTED 2015	ADOPTED 2016	REC 2017	REC 2018	REC 2019	REC TOTAL
GENERAL CAPITAL IMPROVEMENT FUND						
Streets and Traffic Improvements						
New Traffic Signals & Traffic Signal Pole Replacements	\$185	\$225	\$237	\$237	\$237	\$1,121
New Development Participation	\$0	\$125	\$100	\$100	\$100	\$425
Sidewalk Connection	\$0	\$25	\$25	\$25	\$25	\$100
New Street Light Program	\$0	\$25	\$25	\$25	\$25	\$100
Geographic Information System Upgrades	\$0	\$25	\$30	\$20	\$20	\$95
Arterial Roadway Rehabilitation & Improvements	\$930	\$955	\$960	\$990	\$1,063	\$4,898
Major Concrete Replacement Program	\$250	\$250	\$0	\$0	\$0	\$500
City Center Drive Reconstruction	\$0	\$0	\$58	\$0	\$200	\$258
Lowell Blvd (120th to 124th) (IGA Requirement with Broomfield)	\$425	\$425	\$425	\$425	\$0	\$1,700
120th & Federal (TIP) (DRCOG Matching Requirement)	\$463	\$0	\$0	\$0	\$0	\$463
U.S. 36 Auto/Pedestrian Box Widening (CDOT Requirement)	\$285	\$0	\$0	\$0	\$0	\$285
I-25 North Managed Lanes (CDOT Matching Requirement)	\$167	\$0	\$0	\$0	\$0	\$167
DRCOG TIP Matching Funds (future required matches)	\$0	\$0	\$700	\$1,200	\$1,200	\$3,100
Bradburn Blvd Realignment	\$0	\$0	\$0	\$0	\$500	\$500
Creekside Drive (Little Dry Creek Project) (Lowell to Irving)	\$0	\$80	\$680	\$0	\$0	\$760
Bicycle Master Plan Implementation	\$30	\$130	\$130	\$140	\$30	\$460
<i>Subtotal Streets and Traffic - Pay As You Go</i>	<i>\$2,735</i>	<i>\$2,265</i>	<i>\$3,370</i>	<i>\$3,162</i>	<i>\$3,400</i>	<i>\$14,932</i>
<i>Subtotal Streets and Traffic - Debt</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>
Total Streets and Traffic Improvements	\$2,735	\$2,265	\$3,370	\$3,162	\$3,400	\$14,932
Other Capital Improvements						
City Facilities Parking Lot Maintenance Program	\$0	\$120	\$125	\$125	\$135	\$505
Bridge, Pedestrian Railing Repainting Project	\$0	\$0	\$350	\$400	\$450	\$1,200

NOTE: All amounts are dollars in thousands.



	ADOPTED 2015	ADOPTED 2016	REC 2017	REC 2018	REC 2019	REC TOTAL
City Facility Parking Lot Major Rehabilitation & Reconstruction	\$0	\$100	\$150	\$89	\$200	\$539
Railroad Crossing Surface Replacement Program	\$0	\$0	\$90	\$0	\$92	\$182
Enhanced Mobility and Connectivity	\$70	\$40	\$40	\$40	\$40	\$230
Building Operations and Maintenance (BO&M) Major Maintenance	\$80	\$80	\$105	\$105	\$105	\$475
City Facility Energy Improvements/ Project Manager	\$100	\$105	\$135	\$140	\$145	\$625
Westminster Center Transit Oriented Development	\$0	\$0	\$0	\$100	\$100	\$200
Westminster Center Urban Reinvestment Project (WURP)	\$200	\$100	\$100	\$100	\$0	\$500
Miscellaneous CD Construction Projects	\$0	\$10	\$20	\$25	\$25	\$80
South Westminster Revitalization Project	\$50	\$50	\$50	\$50	\$50	\$250
Small Business Capital Project Grant Program	\$50	\$50	\$60	\$60	\$60	\$280
Westminster Station Platform & South Plaza	\$1,782	\$1,283	\$1,435	\$0	\$0	\$4,500
Westminster Station North Infrastructure	\$1,631	\$600	\$779	\$0	\$0	\$3,010
Laserfiche Upgrades / Additional Licenses	\$59	\$66	\$38	\$32	\$0	\$195
City Hall Carpet Replacement / Facelift (BO&M)	\$0	\$0	\$170	\$150	\$150	\$470
City Hall Furniture System Replacement	\$0	\$0	\$190	\$120	\$120	\$430
PV Solar Panel System Acquisition	\$50	\$150	\$0	\$0	\$0	\$200
Computerized Maintenance Management System (CMMS) (BO&M)	\$125	\$0	\$0	\$0	\$0	\$125
Municipal Court Remodel & Security System Improvements	\$60	\$60	\$49	\$0	\$0	\$169
Historic Structures Maintenance	\$0	\$30	\$40	\$40	\$40	\$150
IT Server Room Updates/Upgrades	\$100	\$0	\$0	\$0	\$0	\$100
Teleworks Upgrade	\$0	\$0	\$60	\$0	\$0	\$60
Storage Area Network (SAN) Replacement	\$0	\$0	\$75	\$0	\$0	\$75
JD Edwards System Upgrades/Enhancements	\$23	\$50	\$20	\$20	\$20	\$133
Microsoft Software Upgrades	\$58	\$58	\$58	\$58	\$58	\$290
SQL Server Clustering	\$40	\$0	\$0	\$0	\$0	\$40
Mobile Technologies/Applications	\$40	\$40	\$0	\$0	\$0	\$80
<i>Subtotal Other Capital Projects - Pay As You Go</i>	<i>\$4,518</i>	<i>\$2,992</i>	<i>\$4,139</i>	<i>\$1,654</i>	<i>\$1,790</i>	<i>\$15,093</i>
<i>Subtotal Other Capital Projects - Debt</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>
Total Other Capital Projects	\$4,518	\$2,992	\$4,139	\$1,654	\$1,790	\$15,093
Total General Capital Improvement Projects (non-pst)	\$7,253	\$5,257	\$7,509	\$4,816	\$5,190	\$30,025

NOTE: All amounts are dollars in thousands.



	ADOPTED 2015	ADOPTED 2016	REC 2017	REC 2018	REC 2019	REC TOTAL
Public Safety Capital Improvements						
Fire Station Major Modifications	\$0	\$15	\$30	\$30	\$30	\$105
Fire Station Concrete/ Asphalt Replacement Program	\$0	\$0	\$29	\$0	\$0	\$29
Fire Station Major Renovations (Station 4 & Station 3)	\$0	\$0	\$0	\$100	\$150	\$250
Fire Station Emergency Generator Project	\$15	\$20	\$30	\$30	\$40	\$135
Police Department Records Management System	\$500	\$500	\$0	\$0	\$0	\$1,000
Public Safety Center Building Infrastructure (PD)	\$25	\$20	\$25	\$30	\$30	\$130
Public Safety Center Sally Port & Kennel Repairs (BO&M)	\$50	\$50	\$50	\$0	\$0	\$150
Public Safety Center Carpet Replacement (BO&M)	\$0	\$0	\$50	\$90	\$120	\$260
Public Safety Facilities' Maintenance (BO&M)	\$40	\$40	\$85	\$100	\$120	\$385
Public Safety Facilities' Energy Projects (BO&M)	\$0	\$0	\$60	\$40	\$40	\$140
Municipal Court Remodel & Security System Improvements	\$40	\$40	\$40	\$50	\$0	\$170
CAD/RMS Software Upgrades (IT)	\$0	\$140	\$140	\$140	\$140	\$560
Storage Area Network (SAN) Replacement	\$0	\$0	\$50	\$0	\$0	\$50
JD Edwards System Upgrades/Enhancements	\$18	\$49	\$20	\$20	\$20	\$127
Microsoft Software Upgrades	\$29	\$29	\$29	\$29	\$29	\$145
SQL Server Clustering	\$20	\$0	\$0	\$0	\$0	\$20
Mobile Technologies/Applications	\$20	\$20	\$0	\$0	\$0	\$40
<i>Subtotal Public Safety Capital Projects - Pay As You Go</i>	<i>\$757</i>	<i>\$923</i>	<i>\$638</i>	<i>\$659</i>	<i>\$719</i>	<i>\$3,696</i>
<i>Subtotal Public Safety Capital Projects - Debt</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>
Total Public Safety Capital Projects	\$757	\$923	\$638	\$659	\$719	\$3,696
<i>Subtotal Streets/ Other/ Public Safety - Pay As You Go</i>	<i>\$8,010</i>	<i>\$6,180</i>	<i>\$8,147</i>	<i>\$5,475</i>	<i>\$5,909</i>	<i>\$33,721</i>
<i>Subtotal Streets and Traffic / Other/ Public Safety - Debt</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>
Total All Non-Park Projects	\$8,010	\$6,180	\$8,147	\$5,475	\$5,909	\$33,721

NOTE: All amounts are dollars in thousands.



	ADOPTED 2015	ADOPTED 2016	REC 2017	REC 2018	REC 2019	REC TOTAL
Park, Recreation & Libraries Improvements						
Community Enhancement Program (CEP)	\$1,520	\$1,535	\$1,540	\$1,545	\$1,550	\$7,690
Greenbelt & Drainage Improvements	\$25	\$25	\$25	\$25	\$25	\$125
Trail Development	\$50	\$50	\$50	\$50	\$50	\$250
Landscape Architect II/ Project Manager	\$72	\$75	\$77	\$79	\$82	\$385
Recreation Facilities Improvements	\$200	\$200	\$200	\$250	\$250	\$1,100
Park Maintenance (JCOS)	\$495	\$510	\$525	\$540	\$550	\$2,620
Adams County Open Space Land Acquisition	\$175	\$175	\$175	\$175	\$175	\$875
Park Renovation Program	\$250	\$250	\$250	\$400	\$425	\$1,575
Standley Lake Regional Park Improvements	\$50	\$50	\$25	\$0	\$0	\$125
Standley Lake Master Plan Implementation	\$0	\$75	\$200	\$200	\$500	\$975
Standley Lake Regional Park Trail Development	\$45	\$150	\$75	\$0	\$0	\$270
Recreation Facilities Major Maintenance (BO&M)	\$300	\$150	\$200	\$80	\$80	\$810
Minor Median Maintenance	\$25	\$25	\$25	\$25	\$25	\$125
Aquatics Major Maintenance (BO&M)	\$33	\$50	\$50	\$50	\$50	\$233
Swim Fit ADA Ramp	\$30	\$0	\$0	\$0	\$0	\$30
Westminster Sports Center	\$20	\$20	\$20	\$20	\$20	\$100
Tepper Fields & Westbury Open Space Parking Lot Rehabilitation	\$0	\$76	\$26	\$0	\$0	\$102
Libraries Repair and Maintenance	\$50	\$55	\$70	\$70	\$80	\$325
Libraries RFID	\$84	\$198	\$0	\$0	\$0	\$282
Open Space Repair and Maintenance	\$150	\$150	\$200	\$200	\$200	\$900
Park Operations Facilities Repair and Maintenance	\$0	\$30	\$30	\$30	\$30	\$120
Recreation Facilities Major Maintenance - Energy (BO&M)	\$40	\$40	\$40	\$20	\$0	\$140
Transfer to Golf Course Fund	\$185	\$230	\$260	\$270	\$270	\$1,215
Golf Course Improvements (PRL)	\$23	\$70	\$50	\$50	\$50	\$243
Legacy Ridge CIP Projects (BO&M)	\$112	\$0	\$0	\$0	\$0	\$112
Heritage Clubhouse Elevator (BO&M)	\$80	\$60	\$50	\$0	\$0	\$190
Westview Boiler Room Replacement	\$125	\$0	\$0	\$0	\$0	\$125
Recreational Facilities Future Energy and Maintenance	\$0	\$0	\$200	\$200	\$160	\$560
Enhanced Mobility and Connectivity	\$55	\$35	\$35	\$35	\$35	\$195
PRL Website/Registration Software Improvements	\$100	\$0	\$0	\$0	\$0	\$100
Park at Little Dry Creek Phase 1	\$0	\$0	\$150	\$400	\$400	\$950
City Park Master Plan Implementation	\$31	\$100	\$200	\$200	\$200	\$731

NOTE: All amounts are dollars in thousands.

	ADOPTED 2015	ADOPTED 2016	REC 2017	REC 2018	REC 2019	REC TOTAL
City Hall Master Plan Implementation - Xeriscape	\$680	\$425	\$225	\$0	\$0	\$1,330
City Hall Arcade Wall Restoration / Repairs	\$150	\$0	\$0	\$0	\$0	\$150
City Hall Master Plan Implementation - Plaza Renovation	\$1,084	\$83	\$136	\$0	\$0	\$1,303
<i>Subtotal PRL Projects - Pay As You Go</i>	\$6,239	\$4,892	\$5,109	\$4,914	\$5,207	\$26,361
<i>Subtotal PRL Projects - Debt</i>	\$0	\$0	\$0	\$0	\$0	\$0
Total Park, Recreation & Libraries Improvements	\$6,239	\$4,892	\$5,109	\$4,914	\$5,207	\$26,361
<i>Subtotal Streets</i>	\$2,735	\$2,265	\$3,370	\$3,162	\$3,400	\$14,932
<i>Subtotal Other Capital</i>	\$4,518	\$2,992	\$4,139	\$1,654	\$1,790	\$15,093
<i>Subtotal Public Safety</i>	\$757	\$923	\$638	\$659	\$719	\$3,696
<i>Subtotal Parks, Recreation & Libraries</i>	\$6,239	\$4,892	\$5,109	\$4,914	\$5,207	\$26,361
<i>Subtotal Debt</i>	\$0	\$0	\$0	\$0	\$0	\$0
GENERAL CAPITAL IMPROVEMENT FUND TOTAL	\$14,249	\$11,072	\$13,256	\$10,389	\$11,116	\$60,082
UTILITY ENTERPRISE FUND						
Wastewater System Improvements						
Sanitary Sewer Line Trenchless Rehabilitation	\$500	\$250	\$500	\$500	\$500	\$2,250
Sanitary Sewer Line Open-Cut Replacement	\$0	\$250	\$800	\$750	\$650	\$2,450
BDCWWTF Biosolids & Dewatering Improvements (cash)	\$0	\$0	\$2,942	\$0	\$0	\$2,942
BDCWWTF Biosolids & Dewatering Improvements (debt)	\$0	\$0	\$7,500	\$0	\$0	\$7,500
<i>Subtotal - BDCWWTF Biosolids & Dewatering Improvements</i>	\$0	\$0	\$10,442	\$0	\$0	\$10,442
Lift Station Improvements	\$0	\$0	\$0	\$0	\$2,755	\$2,755
Little Dry Creek Interceptor Repairs (cash)	\$2,500	\$5,000	\$0	\$0	\$0	\$7,500
Little Dry Creek Interceptor Repairs (debt)	\$0	\$0	\$5,000	\$0	\$0	\$5,000
<i>Subtotal - Little Dry Creek Interceptor Repairs</i>	\$2,500	\$5,000	\$5,000	\$0	\$0	\$12,500
Little Dry Creek Interceptor Repairs - Outyears	\$0	\$0	\$260	\$0	\$1,400	\$1,660
80th & Clay LS Elimination Project - Additional Funds	\$1,500	\$0	\$0	\$0	\$0	\$1,500
BDCWWTF Digester Complex Major R&R	\$2,500	\$150	\$504	\$150	\$0	\$3,304
Lift Station & Forcemains Major R&R	\$0	\$3,400	\$0	\$0	\$0	\$3,400
Water Quality Compliance & Testing Facility R&R - Wastewater Fd	\$35	\$70	\$0	\$0	\$0	\$105
BDCWWTF Buildings and Facility Maintenance	\$575	\$290	\$200	\$200	\$1,266	\$2,531

NOTE: All amounts are dollars in thousands.



	ADOPTED 2015	ADOPTED 2016	REC 2017	REC 2018	REC 2019	REC TOTAL
BDCWWTF & N. Huron Lift Station Yard Structures Major R&R	\$0	\$0	\$2,000	\$0	\$0	\$2,000
BDCWWTF Electrical Equipment Replacement	\$0	\$0	\$0	\$2,775	\$0	\$2,775
BDCWWTF Phosphorous Removal Improvements	\$0	\$0	\$0	\$0	\$3,000	\$3,000
Storage Area Network (SAN) Replacement	\$0	\$0	\$30	\$0	\$0	\$30
JD Edwards System Upgrades/Enhancements	\$10	\$8	\$10	\$10	\$10	\$48
Microsoft Software Upgrades	\$29	\$29	\$29	\$29	\$29	\$145
SQL Server Clustering	\$15	\$0	\$0	\$0	\$0	\$15
Mobile Technologies/Applications	\$15	\$15	\$0	\$0	\$0	\$30
Wastewater Capital Outlay Replacement Program (WWCORP)	\$29	\$83	\$129	\$174	\$263	\$678
Payment In Lieu of Use Tax (transfer to S&U Tax Fund)	\$146	\$177	\$379	\$81	\$184	\$967
<i>Subtotal Wastewater - Pay As You Go</i>	<i>\$7,854</i>	<i>\$9,722</i>	<i>\$7,783</i>	<i>\$4,669</i>	<i>\$10,057</i>	<i>\$40,085</i>
<i>Subtotal Wastewater - Debt</i>	<i>\$0</i>	<i>\$0</i>	<i>\$12,500</i>	<i>\$0</i>	<i>\$0</i>	<i>\$12,500</i>
Total Wastewater System Improvements	\$7,854	\$9,722	\$20,283	\$4,669	\$10,057	\$52,585
Water System Improvements						
Utility Fund Facilities Parking Lot Maintenance Program	\$50	\$0	\$0	\$28	\$0	\$78
City Hall Xeriscape Garden	\$375	\$0	\$0	\$0	\$0	\$375
CWSP - Reclaimed System Improvements	\$0	\$0	\$0	\$650	\$650	\$1,300
CWSP - Wattenberg Gravel Lakes Storage	\$0	\$0	\$2,300	\$2,300	\$2,500	\$7,100
Raw Water System Improvements	\$350	\$350	\$350	\$3,500	\$1,350	\$5,900
Open Cut Water Line Replacements	\$0	\$0	\$0	\$1,000	\$5,150	\$6,150
Pump Station Equipment - Major Repair and Replacement	\$150	\$150	\$150	\$150	\$150	\$750
RWTF - Major Repair and Replacement	\$50	\$50	\$50	\$50	\$50	\$250
Croke Canal and Standley Lake Improvements	\$175	\$200	\$100	\$1,000	\$100	\$1,575
Gravel Lakes Facilities Major R&R	\$750	\$50	\$50	\$690	\$50	\$1,590
SCADA & PLC Updates	\$175	\$50	\$275	\$50	\$1,020	\$1,570
Water Quality Lab Equipment Major R&R	\$215	\$235	\$280	\$138	\$256	\$1,124
Gregory Hill Tank Major R&R	\$0	\$0	\$5,750	\$0	\$0	\$5,750
Pressure Zone 3 Expansion (cash)	\$0	\$10,350	\$0	\$0	\$0	\$10,350
Pressure Zone 3 Expansion (debt)	\$0	\$0	\$17,000	\$0	\$0	\$17,000
<i>Subtotal - Pressure Zone 3 Expansion</i>	<i>\$0</i>	<i>\$10,350</i>	<i>\$17,000</i>	<i>\$0</i>	<i>\$0</i>	<i>\$27,350</i>

NOTE: All amounts are dollars in thousands.



	ADOPTED 2015	ADOPTED 2016	REC 2017	REC 2018	REC 2019	REC TOTAL
Semper WTF Lime Chemical Feed R&R	\$750	\$0	\$0	\$0	\$0	\$750
Distribution System Pressure Reducing Valves R&R	\$1,500	\$50	\$50	\$50	\$50	\$1,700
Semper WTF Sedimentation R&R	\$600	\$0	\$0	\$0	\$0	\$600
NWTF Membrane R&R	\$1,700	\$50	\$900	\$50	\$900	\$3,600
NWTF Chemical Feed Systems R&R	\$1,000	\$0	\$0	\$0	\$1,650	\$2,650
SWTF & NWTF Campus Buildings HVAC R&R	\$1,750	\$200	\$200	\$200	\$680	\$3,030
Zone 5 Pump Station Major R&R	\$2,000	\$0	\$0	\$0	\$0	\$2,000
Water Treatment Facility Master Plan	\$450	\$0	\$0	\$0	\$0	\$450
City-Wide Water Main Installation	\$3,000	\$200	\$200	\$200	\$200	\$3,800
Distribution System Water Quality Compliance Stations	\$450	\$0	\$0	\$0	\$0	\$450
Semper WTF Filtration R&R	\$0	\$2,250	\$0	\$1,520	\$0	\$3,770
Countryside Pump Station and Tank R&R	\$0	\$1,000	\$7,000	\$0	\$0	\$8,000
Distribution System Master Meter R&R	\$0	\$4,000	\$0	\$0	\$0	\$4,000
Sheridan Water Main Repair- South of US36	\$0	\$4,750	\$0	\$0	\$0	\$4,750
Northridge Pump Station and Tank R&R	\$0	\$0	\$850	\$5,075	\$0	\$5,925
CWSP - Raw Water System Efficiency Improvements	\$300	\$0	\$0	\$0	\$250	\$550
Semper WTF Campus & Pump Station Buildings Roof R&R	\$0	\$850	\$0	\$0	\$0	\$850
Improvements to Utility Storage Facilities	\$110	\$0	\$0	\$0	\$0	\$110
RWTF Chemical Feed System R&R	\$0	\$0	\$175	\$0	\$0	\$175
Water System Model Regular Updates	\$0	\$0	\$50	\$0	\$50	\$100
Semper WTF Chemical Storage and Pumping Systems R&R	\$0	\$0	\$0	\$1,250	\$0	\$1,250
Reclaimed Distribution System Water Line R&R	\$0	\$0	\$0	\$300	\$300	\$600
Standley Lake Pump Station Major R&R	\$0	\$0	\$0	\$1,090	\$0	\$1,090
Residential Water Meters Replacement	\$0	\$0	\$0	\$0	\$4,500	\$4,500
104th Water Main - Sheridan to Federal Replacement	\$0	\$0	\$0	\$0	\$2,400	\$2,400
Engineer/Project Manager	\$100	\$100	\$0	\$0	\$0	\$200
Water Capital Outlay Replacement Program (WCORp)	\$531	\$486	\$433	\$480	\$506	\$2,436
IT Server Room Updates/Upgrades	\$100	\$0	\$0	\$0	\$0	\$100
Teleworks Upgrade	\$0	\$100	\$0	\$0	\$0	\$100
Storage Area Network (SAN) Replacement	\$0	\$0	\$45	\$0	\$0	\$45

NOTE: All amounts are dollars in thousands.



	ADOPTED 2015	ADOPTED 2016	REC 2017	REC 2018	REC 2019	REC TOTAL
JD Edwards System Upgrades/Enhancements	\$15	\$13	\$10	\$10	\$10	\$58
Microsoft Software Upgrades	\$27	\$27	\$27	\$27	\$27	\$135
SQL Server Clustering	\$25	\$0	\$0	\$0	\$0	\$25
Mobile Technologies/Applications	\$20	\$20	\$0	\$0	\$0	\$40
Upgrade/Replacement Utility Billing Software (CIS Advanced Software)	\$0	\$250	\$300	\$0	\$0	\$550
City Hall Cashier System	\$0	\$75	\$75	\$0	\$0	\$150
Payment In Lieu of Use Tax (transfer to S&U Tax Fund)	\$274	\$440	\$631	\$320	\$314	\$1,979
<i>Subtotal Water - Pay As You Go</i>	<i>\$16,992</i>	<i>\$26,296</i>	<i>\$20,251</i>	<i>\$20,128</i>	<i>\$23,113</i>	<i>\$106,780</i>
<i>Subtotal Water - Debt</i>	<i>\$0</i>	<i>\$0</i>	<i>\$17,000</i>	<i>\$0</i>	<i>\$0</i>	<i>\$17,000</i>
Total Water System Improvements	\$16,992	\$26,296	\$37,251	\$20,128	\$23,113	\$123,780
Total Water and Wastewater System Improvements	\$24,846	\$36,018	\$57,534	\$24,797	\$33,170	\$176,365
Stormwater System Improvements						
Misc Storm Drainage Improvements	\$100	\$200	\$200	\$200	\$200	\$900
Little Dry Creek Storm Drainage/Detention (Lowell to Federal)	\$2,055	\$2,045	\$0	\$0	\$0	\$4,100
LDC Storm Drainage - ADCO Share/ Repay Bank Loan	\$0	\$0	\$1,591	\$846	\$845	\$3,282
South Branch Hylands Creek	\$0	\$200	\$378	\$631	\$0	\$1,209
Ranch Creek at 120th Ave & Federal Blvd	\$400	\$0	\$0	\$0	\$0	\$400
Big Dry Creek Stabilization	\$0	\$453	\$500	\$0	\$0	\$953
Middle Cotton Creek	\$0	\$270	\$0	\$0	\$0	\$270
Hyland Hills Tributary #4	\$0	\$0	\$80	\$0	\$0	\$80
Lake Erie Basin Tributary #6	\$0	\$0	\$830	\$0	\$0	\$830
Walnut Creek	\$0	\$0	\$75	\$1,148	\$1,930	\$3,153
City Park Channel Phase 2	\$0	\$42	\$108	\$0	\$0	\$150
Walnut Creek Tributary #2	\$0	\$0	\$0	\$0	\$697	\$697
Payment In Lieu of Use Tax (transfer to S&U Tax Fund)	\$47	\$58	\$29	\$43	\$51	\$228
<i>Subtotal Stormwater - Pay As You Go</i>	<i>\$2,602</i>	<i>\$3,268</i>	<i>\$3,791</i>	<i>\$2,868</i>	<i>\$3,723</i>	<i>\$16,252</i>
<i>Subtotal Stormwater - Debt</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>
Total Stormwater System Improvements	\$2,602	\$3,268	\$3,791	\$2,868	\$3,723	\$16,252
UTILITY FUND CAPITAL IMPROVEMENT TOTAL	\$27,448	\$39,286	\$61,325	\$27,665	\$36,893	\$192,617

NOTE: All amounts are dollars in thousands.



	ADOPTED 2015	ADOPTED 2016	REC 2017	REC 2018	REC 2019	REC TOTAL
Total GCIF- Pay As You Go	\$14,249	\$11,072	\$13,256	\$10,389	\$11,116	\$60,082
Total GCIF - Debt	\$0	\$0	\$0	\$0	\$0	\$0
Total Utility Fund- Pay As You Go	\$27,448	\$39,286	\$31,825	\$27,665	\$36,893	\$163,117
Total Utility Fund - Debt	\$0	\$0	\$29,500	\$0	\$0	\$29,500
GRAND TOTAL CIP - ALL FUNDS - ALL PROJECTS	\$41,697	\$50,358	\$74,581	\$38,054	\$48,009	\$252,699

NOTE: All amounts are dollars in thousands.