



WESTMINSTER

Staff Report

TO: The Mayor and Members of the City Council

DATE: February 5, 2014

SUBJECT: Briefing and Post-City Council Briefing Agenda for February 10, 2014

PREPARED BY: J. Brent McFall, City Manager

Please Note: Study Sessions and Post City Council briefings are open to the public, and individuals are welcome to attend and observe. However, these briefings are not intended to be interactive with the audience, as this time is set aside for City Council to receive information, make inquiries, and provide Staff with policy direction.

Looking ahead to Monday night's Briefing and Post-City Council meeting briefing, the following schedule has been prepared:

Boards & Commissions Interviews – Discuss appointments to Boards and Commissions pursuant to Section 1-11-3(C)(9), W.M.C., and Section 24-6-402(4)(f), C.R.S. 5:00 P.M.

Dinner 6:00 P.M.

Council Briefing (*The public is welcome to attend.*) 6:30 P.M.

POST BRIEFING (*The public is welcome to attend.*)

PRESENTATIONS

None at this time.

CITY COUNCIL REPORTS

None at this time.

EXECUTIVE SESSION

1. Discuss negotiations with RN Civil Construction related to the completion of the 87th & Wadsworth Lift Station Project pursuant to Section 1-11-3(C)(7) and (8) of the Westminster Municipal Code and CRS 24-6-402(4)(b) and (e)
2. Discuss negotiations with the construction and design teams concerning issues related to the City Park Pool Refurbishing Project, and obtain Council direction, as authorized by section 1-11-3(C)(7) and (8) of the Westminster Municipal Code and CRS 24-6-402(4)(b) and (e)
3. Review and discuss City facility security measures pursuant to WMC 1-11-3(C)(6) and CRS 24-6-402(4)(d)

INFORMATION ONLY

1. Capital Improvement Program Project Status Report – Third Period

Items may come up between now and Monday night. City Council will be apprised of any changes to the post-briefing schedule.

Respectfully submitted,

J. Brent McFall
City Manager



WESTMINSTER

Staff Report

Information Only Staff Report
February 10, 2014



SUBJECT: Capital Improvement Program (CIP) Project
Status Report – 2013 Third Period

PREPARED BY: Aric Otzelberger, Assistant to the City Manager

Summary Statement

This report is for City Council information only and requires no action by City Council.

Attached is the third period status report for 2013 on Capital Improvement Program (CIP) projects. The project name, a brief description and status update is provided for each project. If City Council has questions about any of the projects included in this report, Staff will follow up with additional information.

Background Information

Staff has compiled the attached status report on Capital Improvement Program (CIP) projects for activities through the third reporting period of 2013, ending December 31.

The “Updated” column on the far left side of the attached report will have a mark (▶) in it denoting that the project information (such as the description, status, budget, projected completion date or percent complete) has been updated, or it will have “NEW” typed in to identify any new projects added to the CIP Status Report since last period, or it will have “TO BE CLOSED” typed in to identify projects that have either been closed in the financial management system or will be closed this year. If a project does not have a mark designating that an update has been provided, it does not necessarily mean that no work has been conducted on the project during the most recent period; it simply means that nothing substantial enough to report to City Council has occurred that warrants providing an update.

The definition for each of the columns included in the report is noted on the attached document (“Attachment A: Definitions – Capital Improvement Program (CIP) Project Status Report”). The definitions are utilized internally to ensure that staff is reporting information as consistently as possible.

The project name, a brief description of the project, project status, project budget, project expenditures as of December 31, 2013, the project manager(s), engineering firms/contractors, start date, projected completion date and percent complete is provided for each project on the “Capital Improvement Program – Major Projects” pages (Attachment B) and “Capital Improvement Program – Ongoing Projects” pages (Attachment C).

The projects are sorted based on whether they are ongoing in nature or have a definitive beginning and completion date. Some projects may include funding from both the General and Utility Funds but are listed only once, reflecting the consolidated total in this report. Those projects on the Ongoing Projects pages do not include a start date, projected completion date or a percent complete due to the nature of these projects (i.e., they are continuing projects from year to year).

Major Projects are expensed each year rather than waiting until each project is substantially complete per generally accepted accounting procedures. As such, for continuity in this report, Staff is reporting the revised budgets for each project, excluding any expensing required by the auditors, so that City Council and the public may see the full cost of the project rather than an annually modified amount that does not accurately reflect the full cost and scope of the project. On the Ongoing Projects pages, the capitalized/expensed amounts will continue to be shown so that City Council and the public may see what funds are actually available for these projects that are continuous in nature.

This Staff Report supports all five of City Council's Strategic Plan goals: Strong, Balanced Local Economy; Safe and Healthy Community; Financially Sustainable City Government Providing Exceptional Services; Vibrant Neighborhoods in One Livable Community; and Beautiful and Environmentally Sensitive City.

Respectfully submitted,

J. Brent McFall
City Manager

Attachments

– DEFINITIONS –

Capital Improvement Program (CIP) Project Status Report

Updated – The Updated column is intended to simplify the review of the report by drawing attention to those projects with new updates since the last report. The column will have a ► mark in it denoting that the project information has been updated, or will include “NEW” to identify any new projects that may have been added since the last report via supplemental appropriations (such as from carryover, the receipt of a grant or the subdividing of a larger project into smaller components), or will include “TO BE CLOSED” if the project will be closed before the next report. If a project does not have a mark designating that an update has been provided, it does not necessarily mean that no work has been conducted on the project since the previous report; it simply means that nothing substantial enough to report to City Council has occurred that warrants providing an update.

Project Title/Description – The Project Title is common name utilized by Staff in identifying the project. The Project Description is a brief description of the project, specifically focusing on the scope of the project for which funds are budgeted (i.e., are the funds appropriated for the full project, from design to construction, or simply the design/engineering component of the project).

Project Status – A brief update as to the progress made on this project, providing information such as how much work has been completed, if the project is on schedule, ahead or behind, if any challenges have developed as a result of contractors or the weather, etc. Staff will also use this section to report on construction change orders where formal Council action is not required. Reporting this information in the CIP Status Reports presents this information in a streamlined fashion and addresses a requirement in the Westminster Municipal Code.

Budget – For Major Projects, this is the total amount City Council has appropriated via the current and/or prior years’ budgets. Some projects have funding from multiple sources, i.e., the General and Utility Funds; in these cases, the combined total for the project is shown in this report.

For Ongoing Projects, this is the amount that has been entered into the financial management system that City Council has appropriated via the current or prior years’ budgets. This amount may be different from the total amount that has been appropriated over the years, since many projects that are ongoing have received funding for many years, in some cases over ten years. Showing the cumulative budget since project inception is not only difficult to gather given the financial management system conversion in 2000, but is not representative of the funds actually available to spend on these ongoing projects. Some projects may include open contracts from which some expenditures have been made but the “Spent” column reflects only those actual expenditures, and therefore the associated encumbrances (i.e., financial obligations) are not reflected in these figures.

Spent – Actual expenditures made to date, *excluding* encumbrances.

Project Manager(s) – The City staff member(s) overseeing the completion of the project. Regardless of having an external project manager, a City staff member will always oversee City projects.

External Project Manager Utilized – This column identifies if the primary project lead is a City staff member or an outside contractor. On complex construction projects of approximately \$3-5 million or more, the City is likely to hire a professional project manager on a contracted basis (in addition to an independent project construction inspector) to provide overall project management under the direction of City staff. If an external project manager is utilized, the name of the contractor is listed in this column.

Engineering Firms Or Contractors – Lists all outside firms the City has hired to work on this project, excluding the external project manager if applicable.

Start Date – Identifies the month and/or year in which the project was initiated (noted on the Major Projects’ pages only).

Projected Completion Date – The projected/targeted date for which the project is anticipated/scheduled to be complete (noted on the Major Projects’ pages only).

Percent Complete – Identifies the amount of the overall project, as funded via City Council appropriations and defined in the Project Title/Description that is complete. It is based solely on what has been funded to date and may not include actual completion/construction of the project. There will not necessarily be a one-for-one correlation between the percent complete and the amount expended. (For example, City Council may have funded the design only of a project and based on this funding level, the project may be 75% complete, which would be reflected in the Percent Complete column. However, when looking at the overall project, which might be for the construction of a new bridge, the design component is only 5% of the overall project; however, City Council has not appropriated the construction funds as of yet and therefore this percent complete would remain at 75% until the total project funds are appropriated. Once the entire project budget is appropriated, the percentage complete column would be adjusted to 5%, reflecting the percentage of the total project that the design work represents. Some projects may be 100% complete but may reflect some funds remaining in the project and the project remains on this report due to warranty work that is yet to be completed; once warranties expire, the project will be closed.)

CAPITAL IMPROVEMENT PROGRAM - MAJOR PROJECTS

UPDATED	PROJECT TITLE	PROJECT STATUS (as of 12/31/13)	BUDGET	SPENT (12/31/13)	PROJECT MANAGER (DEPARTMENT)	EXTERNAL PROJECT MANAGER UTILIZED?	ENGINEERING FIRMS OR CONTRACTORS	START DATE	PROJECTED COMPLETION DATE	% COMPLETE
	GENERAL FUND CAPITAL IMPROVEMENTS									
▶	72nd Avenue/Little Dry Creek Bridge Replacement (formerly Bradburn Boulevard Re-Alignment) - A determination was made that CDBG funds could not be used for the more narrowly-focused bridge replacement project. This leaves federal bridge replacement funding of \$1.8 million and local funding to support the project. The approach will be to design and construct the structure and raise the pedestrian trail through it (reducing the frequency of trail inundation by creek flows) such that the realignment of Bradburn Boulevard can happen at some future date.	An intergovernmental agreement, needed to account for the federal funding portion of the budget, will be considered by City Council in the 1st Quarter of 2014. This will allow construction to commence. Utility relocations by Xcel and Comcast were completed in the 4th Quarter 2013 and Century Link work will get underway shortly. Right of way necessary for the project has been secured.	\$2,490,018	\$438,665	Steve Baumann (CD)	City Employee	Jacobs Engineering Group	8/2010	12/2013 (design); TBD (construction)	90% design; 5% construction
▶	92nd Avenue/Federal Boulevard Intersection Improvements - This project will provide additional lanes at the intersection to improve traffic flow and existing overhead utilities will be placed underground. The City of Federal Heights was awarded DRCOG Transportation Improvement Program (TIP) funding in early 2012 that included matches from CDOT and Westminster for this intersection improvement. The total project cost is \$5.67 million and the City's share is \$600,500. This project is being managed by Federal Heights with oversight by CDOT. Westminster Staff will be involved in all funding and design decisions.	An IGA with Federal Heights was executed in 4Q 2012. Design is currently underway with construction scheduled to begin 1Q 2015. Right-of-Way acquisitions are ongoing with the 17 affected properties. Completion is anticipated before the end of 2015.	\$431,000	\$13,596	Dave Loseman (CD)	Federal Heights	Muller Engineering	8/2012	10/2015	80% design; 0% Construction
▶	120th Avenue and Federal Boulevard Intersection Improvement Project - This project includes the installation of additional lanes at this intersection and an overall configuration improvement. Improvements will include additional turn lanes and widening 120th Avenue to six through lanes and Federal to four through lanes north of 120th Avenue. This is a Colorado Department of Transportation project that was also awarded Transportation Improvement Program (TIP) funds from the Denver Regional Council of Governments. This budgeted amount represents the City's local match contribution. The City will also fund the construction of a pedestrian underpass under 120th Avenue, approximately 300 feet east of Federal Boulevard. This component of the project will be funded by the City's Stormwater Drainage Fund.	DRCOG has shifted the construction phase of this project to 2015. Therefore, CDOT is anticipating that design will be completed during 4Q 2014 and construction will commence in 1Q 2015. In addition to the \$580,000 that is currently budgeted for this project, the City will need to contribute an additional \$463,000 in the future. These additional funds will not be needed until 2015.	\$580,000	\$60,197	Dave Loseman (CD)	Colorado Department of Transportation	TBD	8/2012	12/2015	40% design; 0% construction
▶	120th Avenue/Lowell Boulevard Intersection Improvements (FASTER) - The Colorado Department of Transportation (CDOT) is improving the intersection of 120th Avenue and Lowell Boulevard to provide for double left turn lanes in both directions on 120th Avenue and three through lanes for east-bound 120th Avenue. Raised medians will be provided as well as a new mast arm traffic signal. The budget shown is the City's contribution towards this \$3.2 million FASTER project. The City and County of Broomfield will provide a total of approximately \$530,000 of the remaining 20% required local match for the project.	CDOT has completed design in anticipation of advertising this project in 1Q 2014. Construction of this project should commence in 1Q 2014 and be completed in 3Q 2014.	\$110,000	\$0	Dave Loseman (CD)	Colorado Department of Transportation	TBD	11/2012	3/2014	100% design; 0% construction
▶	136th Avenue/144th Avenue Bridge Railing Painting and Repairs - This project will fund bridge railing painting and repairs at 144th Avenue and 136th Avenue over I-25. Westminster will cover 50% and Thornton will cover 50% of the project cost.	The 144th Avenue bridge was bid in June 2013. One bid was received and it was substantially over budget. This project is slated to be re-bid in the 1Q 2014 with changes in the scope of work. At this time, Westminster and Thornton Staff are only bidding repairs on the 144th Avenue bridge and not including the 136th Avenue bridge due to the City of Thornton's budget constraint. Staff anticipates work to begin in the spring of 2014 if acceptable bids are obtained.	\$289,911	\$9,250	Rob Dinnel (PW&U)	City Employee	Wiss, Janney, Elstner Associates, Inc. (WJE)	12/2012	10/2014	5%

CAPITAL IMPROVEMENT PROGRAM - MAJOR PROJECTS

UPDATED	PROJECT TITLE	PROJECT STATUS (as of 12/31/13)	BUDGET	SPENT (12/31/13)	PROJECT MANAGER (DEPARTMENT)	EXTERNAL PROJECT MANAGER UTILIZED?	ENGINEERING FIRMS OR CONTRACTORS	START DATE	PROJECTED COMPLETION DATE	% COMPLETE
▶	City Council Chambers and Boardroom Renovation/Upgrade - The project includes renovation of interior spaces including flooring, furnishings, finishes, security and enhanced multimedia equipment and function. This project seeks to upgrade the facilities to improve the working environment and personal safety of the public, City Council and City Staff. These rooms have not had major updates since City Hall opened in 1988. Total project funding is estimated to cost over \$400,000; this project will start accumulating needed funds to complete this project.	Funding shown is earmarked for the future project. City Council approved an additional \$370,000 to this project in 2014 as part of the Amended 2014 Budget. The additional proposed funds would complete the funding package for this project and allow it to proceed next year. Staff has completed one site tour of another city who recently updated their Council Chambers; Staff continues to identify other cities and/or private businesses to identify best practices, especially in AV. Staff plans to return to City Council during first half 2014 to review scope of project prior to releasing bids.	\$25,000	\$0	Tom Ochtera (GS)/Barbara Opie (CMO)/Scott Rope (IT)/ PD (TBD)	City Employee	TBD	TBD	TBD	0%
▶	City Hall Courtyard Concrete Replacement - This project will fund the removal and replacement of 2,000 square feet of deteriorated concrete, re-caulk 4,000 linear feet of joints and power wash and re-seal 15,500 square feet of concrete courtyard to match the existing color.	Staff placed the project on hold to allow time to explore possible changes to the courtyard, including reducing the amount of concrete, adding planters, including landscaping features and adding geothermal heated concrete panels. Spot repairs of deteriorated concrete panels at PSC and City Hall courtyard were completed during 3Q 2013.	\$67,000	\$5,000	Rob Dinnel (PW&U)	City Employee	Keene Concrete Company	9/2013	TBD	5%
▶	City Hall HVAC Cooling Loop - This project will replace the current City Hall cooling loop with a geothermal solution. The current heat sink portion of the cooling system for City Hall no longer meets plumbing code and must be replaced. Total project cost is estimated at \$575,000. Existing BO&M Major Maintenance funds are will provide the balance of resources necessary to complete the project.	Project design is expected to be awarded to Beaudin Ganze Engineering. Design to start in early 2014, and construction in the summer of 2014. This project is occurring in conjunction with the Xeric Garden in the front of City Hall.	\$250,000	\$0	Tom Ochtera (GS)	City Employee	Beaudin Ganze Engineering; Ameresco	1/2013	TBD	5%
	City Hall Furniture Replacement - This project will start the process of replacing existing cubicle furniture at City Hall. The current cubicle system was acquired in 1988 and this project will address cubicle product availability and appearance concerns.	Staff has commenced research related to this project and met with representatives from the City's current office cubicle system manufacturer to tour their showroom and discuss choices, costs, etc. No funds have been expended at this time.	\$10,000	\$0	Mary Joy Barajas (CMO)	City Employee	TBD	8/2013	TBD	5%
▶	City Park Recreation Center Aquatic Enhancement - Funded in part by the 2007 POST bond issue, this project is for the renovation of the City Park Recreation Center aquatics area and locker rooms, to include additional amenities into the pool area to increase the play-ability of the pool area, including a lazy river feature, a new waterslide and an outdoor splash pad. Locker room renovation will include the addition of family changing rooms.	This project remains under warranty and Staff continues to work with both the contractor and architect to resolve issues with the pool's filtration and ozone systems. The project warranty was extended through 1Q 2014. Staff is investigating potential issues with pool surfacing and paint and working to extend the warranty by an additional year, through 1Q 2015, to allow all parties to continue to work together to reach a resolution. New filtration for the pool is on hold while these other possibilities are fully vetted.	\$6,793,881	\$6,750,467	Becky Eades (PR&L)	City Employee	Sink Combs Dethliefs / Adolphson Peterson	11/2007	5/2010	100%
▶	Citywide Radio System Replacement - This project will replace the City's existing radio system with a P-25 digital interoperable simulcast radio system. The City's current radio system is 19 years old and its technology has reached end-of-life status. The P-25 radio system will provide improved coverage, direct interoperability with surrounding agencies and increased choices in radios themselves, as the P-25 system is non-proprietary. This project includes replacement of the major radio system components and dispatch equipment. Radios will be purchased separately.	On December 5, 2013, the new P-25 Radio System went live. It will provide 99.6% in-building coverage with clear digital audio transmission. Simulcast towers at the PSC, Fire Station 1 and Fire Station 6 are up and running. An installation of a dedicated FIBER network to connect the 3 new radio sites was completed to connect all 3 sites with maximum digital bandwidth for the best audio quality. The radio system continues to be in the "tuning" phase and Staff expects to complete this process during 1Q 2014.	\$2,528,579	\$1,705,875	Russ Bowers (PD)/ Nelson Martinez (PD)	City Employee	24/7 Networks; Advanced Fiber Response; AT&T Mobility; Avtec, Inc.; Cassidian Communications; CHDG; dbSpectra; Frontier Communications; Motorola; Keene Concrete; Kelly Electric; Park Range Construction; SBSA; TAIT Communications	1/2013	3/2014	95%

CAPITAL IMPROVEMENT PROGRAM - MAJOR PROJECTS

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▶	Community Development Building Division Computer System Enhancements - Online Permit Issuance - This project will fund software design and implementation to allow customers to submit, pay and print out issued permits remotely for items like water heaters, air conditioners and furnaces. The City's current system only allows for online application, but customers must still come into City Hall to pay for and pick up these types of permits.	Staff has finalized the project scope and has requested bids from the four consultants who expressed interest in the project. No funds have been expended to date. It is expected that the consultant will be selected in early 2014.	\$20,000	\$0	Dave Horras (CD)	City Employee	TBD	8/2013	6/2014	5%
▶	Community Development Building Division Computer System Enhancements - Rental Housing Inspections - This project will fund the development of a mobile application for the City's Housing Inspectors to use in the field. This will allow automation of current inspection paperwork processes, thereby improving efficiency and accuracy. This project will also fund the purchase of iPads for use in the field.	Contact with all known potential vendors for this project has been completed. Only one vendor, CitGovApp Inc. was found to be qualified to develop this type of mobile app. A scope of work and quote have been received from the vendor and approved by City staff. A services contract was developed and signed by the vendor and routed to City staff. Vendor has begun development of the app.	\$20,000	\$1,258	Keith Alvis (PW&U)	City Employee	CityGovApp	8/2013	12/2014	10%
	Energy Performance Contract (Phase II) - This project will modify or upgrade multiple energy and water consuming systems or facilities in the City. Specific systems/facilities will be selected based on a high rate of return in potential savings and/or greatest need based on age and stability of existing equipment. Individual projects include the installation of central controls, lighting, electrical upgrades, HVAC upgrades and irrigation improvements. The City will pay for the project up front through financing and will pay back that financing with the money from annual energy and water cost savings through a lease arrangement.	All major project activities are complete. The measurement and verification phase (M&V) has begun and will continue for three years (until November 2014). Warranty work is complete.	\$2,882,708	\$2,847,589	Tom Ochtera (GS)	City Employee	Siemens	6/2010	6/2011	100%
▶	FasTracks Local Match - This project is to fund the City's anticipated FasTracks local match associated with RTD's commuter rail line through Westminster. While the total cost to local jurisdictions remains unknown at this time, it is anticipated that the City of Westminster's share will be significant.	Staff is working with RTD and corridor stakeholders on how to proceed with plans for the Northwest Rail corridor through the Northwest Area Mobility Study. RTD is funding the study and no City contribution is required.	\$250,000	\$0	Aric Otzelberger (CMO)	City Employee	N/A	N/A	TBD	0%
▶	Federal Boulevard/Burlington Northern Santa Fe (BNSF) Bridge Enhancements - This project will provide for architectural enhancements to the southern entryway for Westminster along Federal Boulevard near the forthcoming Westminster Station (FasTracks Commuter Rail) and associated transit-oriented development area. The Colorado Department of Transportation is managing the overall bridge replacement project and these funds would allow architectural elements to be added to the scope.	The City submitted conceptual architectural enhancements with the CDOT Final Office Review (FOR) submittal package. Staff is now working through a draft IGA and associated cost sharing alternatives that mutually benefit both CDOT and the City. CDOT plans to have the project out to advertise in June 2014 with construction starting in September 2014. The project is anticipated to last 18 months with a Spring 2016 is the targeted completion date.	\$400,000	\$29,100	John Burke (CD)	CDOT	Atkins Global/DTJ Design	8/2013	4/2016	50% design; 0% construction
▶	Federal Boulevard Trail - This project will fund the installation of an eight-foot sidewalk along the west side of Federal Boulevard between 92nd Avenue and the south boundary of the Northpark Subdivision, a "missing link" section of sidewalk on the east side of Federal Boulevard, approximately 650 feet south of 119th Avenue and the extension of the trail on the west side of Federal for a distance of 1,000' from the north boundary of the Stratford Lakes community.	The City received \$87,500 in Open Space Grant Funds in 2Q 2013 after the completion of this project. The project is now in a one year warranty period. Overall, a total of one construction change order was processed for this project (\$7,595). This change order is within the scope of the project, did not require Council action for approval pursuant to WMC and was only necessary due to unforeseen conditions or variations in project quantities from that shown in the design documents.	\$288,350	\$284,036	Dave Loseman (CD)	City Employee	J.F. Sato and Associates	10/2010	3/2013	100%
▶	Fire EMS Field Reporting (Hardware) - This project is to purchase and install field reporting tablets (laptops) and software, which will be integral components to the Fire Department's records management system. Field tablets will permit personnel to complete all required EMS, fire and inspection reports in the field, thereby reducing the need to paper reports and improving the efficiency of operations.	Fire reporting (NFIRS), EMS reporting (NEMSIS) and training modules have all been deployed. Narcotics auditing, digital billing data transfer and tracking of public education have also been implemented. Mobile EMS hardware and software have been deployed and are in use on all five MED units. The connectivity solution used for the MED units has been extended to the entire Fire Department fleet for future deployment on field inspections. The fire pre-plan module is complete and has been deployed. The fire inspection module has been completed for desktop input and was deployed. Mobile inspection software is currently in development along with inventory modules. Mobile reporting hardware for the engines and trucks still needs to be researched in 1Q 2014.	\$350,000	\$189,421	Alan Kassen (FD) Rich Welz (FD) Rick Spahn (FD)	City Employee	Alpine Software	3/2008	12/2014	75%

CAPITAL IMPROVEMENT PROGRAM - MAJOR PROJECTS

UPDATED	PROJECT TITLE	PROJECT STATUS (as of 12/31/13)	BUDGET	SPENT (12/31/13)	PROJECT MANAGER (DEPARTMENT)	EXTERNAL PROJECT MANAGER UTILIZED?	ENGINEERING FIRMS OR CONTRACTORS	START DATE	PROJECTED COMPLETION DATE	% COMPLETE
▶	Fire - Information Technology and Radio Upgrades - With the decision to not pursue a Firefighting Simulator/Burn Building, funds appropriated to that project were split between the Citywide Radio System Replacement Project and this new project. This project will address information technology and radio communication needs at various fire stations.	The contract for installation of fiber optics at Fire Station #1 was approved at a cost of \$29,944. This project was completed in July. The contract for Fire Station #5 radio network connection replacement was approved (\$33,896). This project was completed in October 2013. This project will enable utilization of a licensed microwave radio signal (wireless link) to improve data signals.	\$122,000	\$68,802	Bill Work (FD)	City Employee	Various	1/2013	3/2014	85%
▶	Fire Station #2 Office Creation and Reconfiguration - This project will create a professional and private office space for the Battalion Chiefs, Fire Station #2 Officers and the Training Coordinator.	Design was determined, the contract was bid and selection was made. Work is 60% complete with anticipated full completion by January 31, 2014. This remodel allows for four offices and specific Fire and EMS training areas.	\$71,000	\$16,569	Alan Kassen (FD)	City Employee	TBD	1/2013	2/2014	60%
▶	Golf Course Fund Transfer - 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 to continuing debt obligations at The Heritage and challenges facing the golf industry as a whole, revenues from Golf operations alone are not projected to cover the total expenditures proposed for Golf operations in 2013.	This represents the budgeted transfer from GCIF to the Golf Course Fund for 2013. This transfer payment is occurring in monthly installments of approximately \$28,250.	\$339,000	\$339,000	Barbara Opie (CMO)	City Employee	N/A	1/2011	12/2013	66%
▶	Heritage Club House HVAC Retrofit/Fire Sprinkler Renovation - The purpose of this project is to renovate the existing HVAC systems in the Heritage Clubhouse and add controls to address heating and cooling issues and make the building significantly more energy efficient. This project will also address freezing pipes in the bathrooms and renovate the existing fire detection and sprinkler system at The Heritage.	The project is now complete and paid in full. A project warranty continues until February 28, 2014. During the HVAC project, a decision was made to hold off on replacing the fire sprinkler system to see if the new HVAC system would provide enough heat to the attic space to avoid freezing the above-ceiling fire sprinkler lines. A change order for \$28,419 for additional fans to increase air flow was authorized by City Council on May 13, 2013 for approval pursuant to WMC and were only necessary due to unforeseen conditions. Design engineers contributed money for a portion of the errors that had no value added. Staff is exploring the utilization of project savings for high priority concrete patio repairs needed at The Heritage. Staff will return to City Council for consideration and authorization if this use of project savings is pursued.	\$525,000	\$263,983	Tom Ochtera (GS)	City Employee	Farnsworth Group (design engineer) AMS of Colorado Springs (contractor)	12/2012	6/2013	100%
TO BE CLOSED	Heritage Golf Course Back Nine Acquisition - These funds will be utilized towards purchasing the land associated with the back nine holes owned by and leased from the Rocky Mountain Metropolitan Airport. This lease has an escalator built into it that continues to strain the finances of the golf course operations.	Purchase completed on November 18, 2013 and all documentation of the purchase has been filed as needed with the County and City Clerk.	\$2,354,346	\$2,354,346	Peggy Bocard (PR&L)	City Employee	N/A	8/2011	11/2013	100%
▶	Holly Park - The funds provided were used to clear condemned buildings from the property as well as routine maintenance until the property could be sold.	The City entered into a purchase agreement with Boulder Creek Communities in 3Q 2013. Although they have entered into a purchase agreement, they indicated that they no longer want to pursue this project. Staff made a counter-offer to them and they responded that they still have interest, but under different conditions in the contract. Staff does not agree with all of their proposed revisions so negotiations continue and hope to be concluded in 1Q 2014. In the meantime, Staff will complete the outstanding public improvements on the project to either remove this issue from the terms of the Boulder Creek Communities contract or to make the property more marketable in the event that negotiations with Boulder Creek Communities fail.	\$1,125,000	\$1,113,633	Dave Loseman (CD)	City Employee	N/A	7/2005	4/2014	90%
▶	Huron Street and 144th Avenue Roadway Settlement Mitigation - This project is to stabilize severely settled areas on Huron Street and 144th Avenue. The settlement in the subgrade and pavement have caused moderate to severe "rideability" pavement condition ratings. This work is being done in preparation of the planned maintenance work included in the 2014 Arterial Roadway Grinding/Resurfacing project.	Work was completed on Huron St. only. Underground voids much larger than anticipated, using all allotted material within budget before contractor could move to 144th Ave. The 144th Ave. settlement areas were corrected with asphalt prior to resurfacing. The injected stabilization material is performing as designed to fill the voids in the pavement/subgrade. Project under warranty.	\$100,000	\$96,564	Rob Dinnel (PW&U)	City Employee	Concrete Stabilization Technologies Inc.	9/2013	9/2013	100%

CAPITAL IMPROVEMENT PROGRAM - MAJOR PROJECTS

UPDATED	PROJECT TITLE	PROJECT STATUS (as of 12/31/13)	BUDGET	SPENT (12/31/13)	PROJECT MANAGER (DEPARTMENT)	EXTERNAL PROJECT MANAGER UTILIZED?	ENGINEERING FIRMS OR CONTRACTORS	START DATE	PROJECTED COMPLETION DATE	% COMPLETE
TO BE CLOSED	Huron Street from 129th Avenue to 140th Avenue (Phase I) and Huron Street from 140th to 150th Avenue (Phase II) - The project is for the design and construction of a total of nearly two and a half miles of Huron Street.	The major improvements associated with the project are complete. The project can be closed.	\$18,371,126	\$18,278,376	Steve Baumann (CD)	City Employee	Felsburg, Holt & Ullevig	6/1998	12/2014	95%
▶	Hyland Village Public/Private Improvements - The City received a settlement payment for performance bonds associated with the original McStain project located at 98th Avenue and Sheridan Boulevard. These funds will be utilized to install improvements that were the original obligations of the developer.	The construction of 98th Avenue adjacent to the Hyland Village site was substantially completed in December 2013. All remaining costs associated with this street construction (e.g. street lights) should be paid by Spring 2014.	\$1,957,000	\$855,656	Dave Downing (CD)	City Employee	NV5, Inc. (design) NORRA (construction)	8/2012	4/2014	90%
▶	I-25 North Express Lanes - This \$59 million dollar project will fund one new express toll lane in each direction on I-25 between U.S. 36 and 120th Avenue. This express 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 (part of over \$5 million total in local contributions) and is to be paid over a period of three years per agreement with the Colorado Department of Transportation commencing in 2013. This project is a top priority of the North Area Transportation Alliance (NATA).	Construction commenced in September 2013, with project completion anticipated in October 2015. The first phase of work will focus on three-mile northbound stretch of highway between U.S. 36 and Thornton Parkway. The remainder of the required lane work will occur in 2014. Median work, an asphalt overlay, installation of tolling infrastructure and connecting to the existing HOT/HOV lanes will occur in 2015.	\$167,000	\$167,000	Aric Otzelberger (CMO)	Colorado Department of Transportation	TBD	1/2013	10/2015	100% design; 5% construction
▶	JD Edwards System Upgrade - Oracle's JD Edwards EnterpriseOne is the enterprise application the City uses for financial management, human resources, budgeting and other functions. A multiple number of subprojects must take place over the next several years to extend the useful life of the EnterpriseOne system to see that it continues to deliver productivity in a cost-effective manner. This project would fund those subprojects.	The JD Edwards Database upgrade has been completed. The minor tools release for JD Edwards to be used with Internet Explorer 9 has been completed. IT is currently implementing two new web servers to be completed by February 1, 2014. IT is currently completing a contract with Bottomline Technologies to upgrade Create!Form in the 1Q 2014.	\$48,000	\$39,310	Larry Garlick (IT)	City Employee	Denovo, Bottomline Technologies	6/2013	12/2015	25%
▶	Jessica Ridgeway Memorial Park - Formerly known as Chelsea Park, this project will be funded by a combination of donations, grants, CIP funds and in kind services. The park will be renovated to include custom play equipment, a shelter, plaza, tables, benches and lighting. This project also includes an account for ongoing maintenance (\$10,000) from a contribution from Kaiser Permanente.	The project is complete and under warranty. A dedication ceremony was held on October 5. The City has received the \$100,000 grant reimbursement from Jefferson County.	\$475,530	\$426,437	Kathy Piper (PR&L)	City Employee	T2 Construction, Inc.	12/2012	9/2013	100%
▶	Kings Mill Park Renovation - This project includes the demolition of the building and the swimming pool on the site. The park expansion will include climbing boulders, a skate spot, a picnic shelter and free standing play elements such as swings and spinners.	This project is complete and open to the public. Overall, a total of 5 construction change orders have been processed for this project; the total amount of all construction change orders is \$5,985 to date. All of these change orders are within the scope of the project, do not require Council action for approval pursuant to WMC and were only necessary due to unforeseen conditions associated with existing conditions on site, related to the existing playground and irrigation being incorporated into the park expansion.	\$250,000	\$236,324	Becky Eades (PR&L)	City Employee	California Skateparks and Goodland Construction	2/2010	10/2013	100%
▶	Lowell Boulevard Redevelopment (HUD Section 108) - This project represents funds awarded by the U.S. Department of Housing and Urban Development (HUD) through the HUD Section 108 Loan Fund program. These funds will be utilized for land acquisition and site preparation relative to redevelopment of a portion of the 7200 block of Lowell Boulevard.	The properties on the 7200 block of Lowell Boulevard have been acquired. The relocation of tenants is completed. Demolition of buildings is anticipated in 1Q 2014.	\$646,155	\$222,208	Tony Chacon (CD)	City Employee	TBD	10/2012	4/2014	75%

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▶	McKay Lake Outfall Drainage - This is a joint project between the cities of Thornton and Westminster. It includes the planning, cost apportionment, design and construction of improvements to reduce the significant floodplain between Huron Street and Washington Street, north of 136th Avenue.	A contract for final design services was approved by City Council in September 2013, coinciding with the receipt of the necessary right-of-way for the project from the affected land owners. Permissions will be needed to cross FRICO's Bull Canal facilities and arrangements are being made to relocate a gas facility in conflict with the work. Construction is expected to get underway in the second half of 2014.	\$9,589,389	\$4,119,690	Steve Baumann (CD)	City Employee	Merrick and Company	1/1999	12/2014	20% (final design portion)
TO BE CLOSED	Metzger Farm Improvements - This is a joint project with the City and County of Broomfield through the Broomfield-Westminster Open Space Foundation. These funds are for the first phase implementation of the Master Plan for the site. It is anticipated that improvements will include trails and structural enhancements to the buildings on site.	A grand opening was held in November 2012. Improvements include an overlook, dock, shelter, parking and trail system. The trail system includes a bridge connection to the Big Dry Creek Trail. The next phase of work includes basic stabilization of the existing buildings, which Broomfield will manage. This project is currently moving forward with outside engineers providing drawings for the structural improvements. Ground improvements will start during 1Q 2014. Staff is assessing the viability of having a caretaker onsite due to the high cost of replacing the foundation on the caretakers house. The City is currently seeking 501(c)(3) status for the Foundation and hopes to submit a grant for State funds to assist with the building project. This project account can be closed.	\$662,875	\$633,951	Heather Cronenberg (CD) Becky Eades (PR&L)	City Employee	Wenk Associates (design): AJI (construction)	1/2008	12/2012	100%
▶	Open Space Management Plan - This project will fund the development of a comprehensive open space management plan, which will help guide recommendations and decisions on how resources are utilized for open space maintenance and management.	Staff has completed an Open Space Operations Report and is working on finalizing a Request for Qualifications (RFQ) to solicit potential consultants to assist with the creation of the Open Space Management Plan.	\$75,000	\$0	Rod Larsen (PR&L)	City Employee	TBD	8/2013	12/2014	5%
▶	Orchard Parkway - 136th Avenue to 144th Avenue - This project will construct Orchard Parkway between 136th Avenue and 144th Avenue. This will be a four lane roadway between 142nd Avenue and 144th Avenue and a two lane roadway between 136th Avenue and 142nd Avenue. Features of the project include a 4 foot on-street bike lane, 8 foot detached walks, street lights and a raised landscape median.	The project was awarded to Scott Contracting in 4Q 2013. Construction will commence in 1Q 2014 and is anticipated to be completed in 3Q 2014.	\$7,950,190	\$271,055	Dave Loseman (CD)	City Employee	United Civil Design; Scott Contracting	9/2012	8/2014	100% (design); 0% (construction)
	Photovoltaic Solar Panel System - The City entered into a power purchase agreement with Main Street Power for the installation of photovoltaic solar panels on four facilities. Pursuant to this agreement, the City needs to set aside the first six years of energy purchase funds as a guarantee to Main Street Power and their financiers that they will be receiving the income stream from the City's energy payments. At the conclusion of the six-year period, should the City decide to exercise the option to purchase the system, these funds could be utilized towards that purchase.	As of December 30, 2009, all solar energy systems were installed and producing energy at City Park Recreation Center, Westview Recreation Center, the Public Safety Center and the Municipal Service Center. No expenditures have been made to date, as these funds serve as an energy payment "guarantee" as discussed in the project description.	\$110,000	\$0	Jerry Cinkosky (GS)	City Employee	Main Street Power / Simple Solar	7/2009	12/2009 (funding will stay in place until 2015)	100%
▶	Promenade Light Towers - This project will repair the light towers at the Westminster Promenade between The Westin and the Promenade Lake. Currently, these towers are not functional and need significant repairs. This project will also convert the previous neon lights to LED technology, which will reduce energy and maintenance costs.	This project is complete, operational and under warranty. Staff and contractor are exploring options to resolve the wireless communication issue with regards to low temperatures effecting the lights at the very top of the towers.	\$110,721	\$100,387	Rich Dahl (PR&L)	City Employee	Kelly Electrical Inc.	5/2013	8/2013	100%
▶	Railroad Crossing Surface Replacement Program - This program will replace railroad crossing surfaces at several crossing locations throughout the City with concrete crossing pad materials. These crossings are rated poor to very poor. The program is proposed to be funded over several years.	Burlington Northern Santa Fe (BNSF) crews were scheduled to replace the Bradburn Boulevard crossing in October 2013. Due to the severe flooding experienced in September, BNSF rescheduled the Bradburn work in order to make emergency repairs throughout Colorado and other regions that were affected. The work is now scheduled for the 1Q 2014. City Staff continues to exert consistent and regular efforts to move BNSF to action on these replacements.	\$207,507	\$119,411	Dave Cantu (PW&U)	City Employee	BNSF Railroad	1/2009	1/2014	50%

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	<p>► Railroad Quiet Zone Study - Originally associated with the FasTracks Commuter Rail effort, this project will provide funds to conduct a quiet zone study. The Regional Transportation District (RTD) will not commence the preparation of a quiet zone study until revenue is identified to fund the future extension of the Northwest Rail Line. Staff is exploring legislative and potential funding strategies to realize quiet zones in advance of the Northwest Commuter Rail Line.</p>	<p>A quiet zone assessment is complete. The report from the assessment will help guide/inform the City's future efforts. Total cost for implementation of quiet zones at all of the City's nine railroad crossings is estimated between \$2.2 million and \$3.4 million. The range is associated with the uncertainty that exists in the quiet zone establishment process regarding the types of crossing treatments that the Federal Railroad Administration will accept. Due to recent upgrades by Burlington Northern Santa Fe, low-cost quiet zone attainment appears possible at 88th Avenue and at the Wadsworth Boulevard crossings. Staff has retained a consultant to assist with the quiet zone establishment process at these crossings. Staff also utilized significant savings from the assessment to make median adjustments at 88th Avenue to facilitate quiet zone implementation.</p>	\$100,000	\$18,525	Dave Downing (CD) Aric Otzelberger (CMO)	City Employee	Felsburg Holt and Ullevig	1/2008	12/2014	50%
	<p>► Recycling Drop-Off Location - This project will fund improvements at an existing City facility to create one consolidated, staffed, community recycling drop-off location. Pavement, fencing and other on-site improvements will be necessary after a specific site is vetted and chosen.</p>	<p>Initial project estimates are complete. Staff is coordinating this project with construction plans and timing for the 72nd Avenue Bridge Replacement project.</p>	\$180,000	\$0	Jerry Cinkosky (GS)	City Employee	Hangar41	1/2013	TBD	5%
	<p>Revegetation of Sisters of the New Covenant Open Space Property - This project account is to help fund the revegetation and restoration of the recently-acquired 25.49-acre Sisters of the New Covenant open space property located at 100th Avenue and Alkire Street.</p>	<p>The City was recently reimbursed for the acquisition of the property. Staff is now working with the State of Colorado to prepare guidelines and a scope of work for the revegetation effort. The work should take approximately two growing seasons to complete.</p>	\$88,000	\$0	Heather Cronenberg (CD)	City Employee	N/A	1/2014	1/2016	0%
	<p>► Shoenberg Farm Restoration - This project will help facilitate the acquisition of historic properties located at the former Shoenberg Farm site by commercial and non-profit users. The project will also help fund and facilitate rehabilitation of the concrete silo.</p>	<p>The City received a \$169,000 grant from State Historical Fund (SHF) for structural and exterior rehabilitation on the milk house. City is awaiting response from SHF regarding supplemental grant for the milk house. Construction is planned to commence in April 2014.</p>	\$1,426,676	\$1,216,202	Tony Chacon (CD)	City Employee	TBD	3/2012	12/2014	75%
NEW	<p>Shoenberg Farm Site Improvements - This project represents funds received from the developer of Shoenberg Farms for design and construction improvements to Sheridan Boulevard abutting the commercial property at this location. The funds are being held for future potential parking lot or site improvements.</p>	<p>No use of funds necessary to date.</p>	\$281,502	\$0	Steve Smithers (CMO)	City Employee	TBD	1/2014	TBD	0%
NEW	<p>South Westminster Transit-Oriented Development - NORTH - This project will assist with the redevelopment projects and land acquisitions necessary for the FasTracks project (Northwest Rail) for the Westminster Station near 71st Avenue and Irving Street, along with the development of the surrounding area. This project also includes investments in station infrastructure, a parking structure and development of the north plaza. This project includes funding associated with the Westminster Housing Authority (\$2,200,000)</p>	<p>Design of the north side infrastructure is nearly complete. Property acquisitions needed to facilitate demolition of several buildings and construction of the pedestrian tunnel were completed in 2013. Proposals for the design and construction of the Westminster Station parking garage with a development project are under review by Staff.</p>	\$11,132,815	\$5,597,479	Steve Baumann (CD)	City Employee	Martin/Martin Inc.	12/2008	6/2016	95% (design); 0% (construction)
NEW	<p>South Westminster Transit-Oriented Development - SOUTH - This project will fund components of the RTD FasTracks project (Northwest Rail) for the Westminster Station near 71st Avenue and Irving Street, including development of the south plaza area and betterments to the station platform itself.</p>	<p>Staff is currently working with RTD and Denver Transit Partners (DTP) on a betterment request to allow access to the pedestrian tunnel from the Little Dry Creek open space project.</p>	\$400,000	\$0	John Burke (CD)	City Employee	TBD	7/2013	6/2016	50% (betterment request)
	<p>► South Westminster Transit-Oriented Development Roadway Improvements - This project will assist with the roadway improvements needed around Westminster Station and the City-proposed parking structure near 71st Avenue and Irving Street. The project funding is from the City's share of Adams County road tax revenues.</p>	<p>Final design work for the two primary access streets (Hooker Street and Westminster Station Drive) is nearing completion. Staff is coordinating with RTD and its concessionaire, Denver Transit Partners (DTP), and with BNSF on the components of station infrastructure. Staff is also working with CDOT on the proposed Federal Boulevard/Westminster Station Drive intersection. Construction of several of these elements will get underway in 2014.</p>	\$553,839	\$417,633	Steve Baumann (CD)	City Employee	Martin/Martin	8/2010	12/2016	90% (phase 1 design); 0% (construction)

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TO BE CLOSED	Street Lights Standards Study - This project will fund a study to develop street lighting spacing standards for the City. Additionally, if funding permits, an initial street lighting technology review would be included in this study (the possibility of placing solar on each street light to take them off of the electrical grid).	The final draft of the study is complete.	\$60,000	\$60,000	Mike Normandin (CD) / Ben Goldstein (CMO)	City Employee	Clanton and Associates, Inc.	8/2011	10/2013	95%
▶	Swim and Fitness Center Renovation - Funded in part by the 2007 POST bond issue, this project is for the renovation of the Swim and Fitness Center to include enhancements to the locker room and aquatics area, as well as the installation of an outside play area.	The second (and final year) of the construction warranty will expire in February 2014 with Dohn Construction. Any and all warranty work will be requested to be completed by April 2014.	\$2,041,533	\$1,977,736	Kathy Piper (PR&L) / Peggy Boccard (PR&L)	City Employee	Sink Combs Dethlefs / Dohn Construction	2/2009	5/2012	100%
TO BE CLOSED	UPS Replacement/IT Server Room - The centralized Uninterruptible Power Supply (UPS) located at City Hall is a key component in providing City systems availability. The current unit was installed in 1994 and has been in operation for over 18 years. Normal lifespan of a UPS is typically 8-10 years. These funds will replace this unit and ensure dependability of this critical device.	Staff has completed an evaluation of systems, selected the best system for City requirements and negotiated price and services with the selected vendor. The installation was completed in October 2013 and is fully operational.	\$35,000	\$34,409	Scott Rope (IT)	City Employee	Power Management	7/2013	10/2013	100%
▶	U.S. 36 Betterments/CDOT Land Swap - This project represents the funds the City of Westminster received from the Colorado Department of Transportation (CDOT) in relation to a land exchange between the two entities in relation to necessary right of way for the U.S. 36 Managed Lanes Project. This project will fund landscaping design and improvements at the Sheridan Boulevard/U.S. 36 Interchange, an upgrade to LED lighting (versus high pressure sodium) for street/highway lights, and additional aesthetic enhancements to the Sheridan Bridge (center pier) and to the Promenade Underpass (wrought iron fencing).	City Council authorized the execution of an agreement with the Colorado Department of Transportation at the August 26, 2013 Council meeting which approved a land exchange with CDOT. This agreement included the transfer of City-owned property in exchange for CDOT-owned property plus \$815,253. As part of this authorization, Council also approved the expenditure of these funds on several projects related to the US 36 project. These projects include a wrought iron fence at the Promenade underpass (\$56,921); Landscape design and construction in the US 36 right-of-way adjacent to the new Downtown Westminster development (\$398,817); Additional enhancements to the Sheridan Boulevard Bridge over US 36 (\$29,497); Illuminated street name signs at the Sheridan Bridge ramps (\$20,000); and LED highway street lights on US 36 within the City (\$310,017).	\$815,253	\$110,434	Dave Loseman (CD)	City Employee	PKM Design Group	7/2013	5/2015	80% design; 0% construction
▶	U.S. 36 Bikeway Underpass at 92nd Avenue - As part of the Colorado Department of Transportation's (CDOT) U.S. 36 Managed Lanes Project, CDOT will construct a bikeway parallel bikeway that will run from roughly Pecos Street/Federal Boulevard in Westminster to Table Mesa in Boulder. The original project design contained an at-grade crossing of 92nd Avenue adjacent to the Westminster Urban Reinvestment Project (WURP) site. In order to improve safety and decrease travel time for citizens and commuters, the City proposed installing an underpass at 92nd Avenue for the bikeway. CDOT and its contractor examined the feasibility and have agreed to construct the underpass, provided the City provides a portion of the funding needed for the project (50%).	Design of this underpass is 100% complete. Construction is anticipated to begin in 1Q 2014 as part of the U.S. 36 Managed Lanes Project.	\$250,000	\$0	Dave Loseman (CD)	Colorado Department of Transportation	Ames/Granite	2/2013	3/2014	100% design; 0% construction
▶	U.S. 36 Bus Kiosks Local Match - This project represents the City's share of the corridor-wide FASTER grant award through CDOT for U.S. 36 Bus Kiosks. Per the grant proposal, 14 kiosks will be installed along the U.S. 36 corridor, totaling \$781,000. Two kiosks will be installed at each park n ride along the corridor. These kiosks will allow more convenient payment for commuters and will help decrease travel time along the corridor, as the kiosks will eliminate some cash transactions between the driver and commuters.	The installation of the bus kiosks is not yet programmed by the contractor, but it is anticipated that these will be installed in 2014 in coordination with activities on the U.S. 36 Managed Lanes project. Design concepts were submitted to City Staff for review and comment in 3Q 2013.	\$44,630	\$0	Dave Loseman (CD)	City Employee	Ames/Granite	4/2012	4/2014	10%

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▶	U.S. 36 Pedestrian Box Widening - Shops at Walnut Creek - This project is related to the U.S. 36 Managed Lanes project. Per a previous intergovernmental agreement (IGA) with CDOT, the City is obligated to lengthen the existing underpass that connects the Westminster Promenade to The Shops at Walnut Creek. The IGA was signed when the bridge was originally constructed. Per negotiations with CDOT, the City's total cost of this project is \$855,373. An additional \$467,000 will be needed in future years. The City will pay project costs to CDOT in three installments spread out over three years.	The widening of this bridge has begun as part of the U.S. 36 Managed Lanes Project. Construction completion for this structure is anticipated in 1Q 2014. The City has entered into an IGA with CDOT, which identifies a payment schedule in 2013, 2014 and 2015 for the total City obligation of \$855,373. The City's 2013 payment will be made in 1Q 2014 due to CDOT's delay in sending the City an invoice.	\$389,000	\$285,125	Dave Loseman (CD)	City Employee	Ames/Granite	1/2013	4/2014	35%
▶	Westminster Center Urban Reinvestment Projects (WURP) - Master Planning Efforts - These funds represent a transfer from the Sales and Use Tax Fund to the Westminster Economic Development Authority (WEDA) for planning and architectural services necessary to prepare a master plan for the WURP site.	The Preliminary Development Plan (PDP) for the site was adopted by City Council in November 2013. The development of the plan included two community meetings and extensive online outreach. Upon the PDP adoption, the City's consultant and City staff began compiling a cohesive area plan for the site, including land use, urban design and infrastructure. A complete draft of the plan is expected to be submitted to City Council for review at the end of the first quarter of 2014.	\$500,000	\$267,863	Mac Cummins (CD)	City Employee	Torti Gallas and Partners	7/2013	4/2014	75%
UTILITY FUND CAPITAL IMPROVEMENTS (WATER, WASTEWATER AND STORMWATER)										
▶	72nd Avenue and Bradburn Boulevard Sewer Relocation - As part of the continuing effort to revitalize the south Westminster area, this project will replace the existing concrete culvert that carries 72nd Avenue and its intersection with Raleigh Street over Little Dry Creek. Sewer improvements will be constructed in concert with the 72nd Avenue bridge replacement project to replace aged pipelines and to improve hydraulic capacity. Nearly 3,000 feet of large-diameter sewer main will be replaced as part of this project.	Staff is coordinating water and wastewater utilities relocation and improvements as part of the 72nd Avenue Bridge Replacement Project. The project is now in the final design phase. Design is complete and construction will commence in 2Q 2014.	\$450,000	\$0	Andy Walsh (PW&U)	City Employee	Jacobs Engineering Group, Inc.	4/2012	12/2014	100% (design); 0% (construction)
▶	80th Avenue and Clay Lift Station Elimination - 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. Based on a study completed by the City in 2011, the lift station can either be replaced or eliminated by re-directing its sewer flows to the Crestview Water and Sanitation District sewer system. Eliminating the lift station is currently the most cost-effective approach.	Staff is negotiating the details of an intergovernmental agreement with Crestview Water and Sanitation District to take the flows from the Shadow Ridge neighborhood and allow the City to eliminate the lift station. The project will involve improving some portion of Crestview's downstream sewer. Design is anticipated to begin in 2014.	\$250,000	\$0	Stephen Grooters (PW&U)	City Employee	Stantec	6/2014	12/2015	5%
▶	87th and Wadsworth Lift Station Replacement - The existing lift station was built in 1992. This project will construct a larger wet well, install parallel force mains, improve mechanical and electrical equipment and stand-by power. These improvements will improve functionality and help mitigate the risk of sewage overflows.	RN Civil Construction began the construction phase in May 2013. Possession and use of the required land was obtained and the settlement amount with the property owners was finalized. The purchase and sale agreement and easement agreements are currently being negotiated. Changes have been made in the field per the contract procedures to keep the work progressing and they will eventually become change orders once costs are finalized. Construction completion is anticipated for the summer of 2014.	\$4,778,268	\$2,512,134	Dan Strietelmeier (PW&U)	City Employee	RN Civil Construction, Carollo Engineers, Inc. Western States Land Services, Inc. Clayton and Company, Inc.,	3/2011	6/2014	100% (design); 50% (construction)
▶	95th Avenue and Federal Boulevard Lift Station (Sunset Ridge) Remodel/Improvement Project - This project will remodel the lift station and its pumps to improve its performance and to enhance safety and reliability. In addition, this project will include construction of improvements to better protect the lift station from possible vehicular damage.	Award of a design contract for the lift station rehabilitation is anticipated in January 2014, with construction completion anticipated for 1Q 2015.	\$550,000	\$0	Stephen Grooters (PWU)	City Employee	TBD	1/2014	1/2015	0%
▶	Big Dry Creek Wastewater Treatment Facility: 2013 Major Repairs and Replacement - This account consolidates a number of priority electrical repair/replacement projects at the Big Dry Creek Wastewater Treatment Facility including repairs to the primary electrical switch gear, replacement of two primary electrical transformers, replacement of damaged fiber optic cable, installation of redundant power feeds to the raw sewage pump stations, replacement of existing boilers with high efficiency models and replacement of the North Huron lift station electrical equipment.	The components of this project were previously approved by Council as separate projects as part of the 2013/2014 budget. They have been combined to optimize project sequencing, reduce project costs and better manage on-site safety and security. City Council awarded a design contract to Black & Veatch, and design work is underway with completion scheduled for March of 2014. Construction is scheduled to commence thereafter and be completed by the end of 2014.	\$2,138,000	\$60,119	Kent Brugler (PW&U)	City Employee	Black and Veatch	8/2013	12/2014	40% (design); 0% (construction)

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	Brighton Ditch Enlargement - This project is part of the City's Comprehensive Water Supply Plan (CWSP) - Wattenberg Gravel Lakes project, which will be a series of lined reservoirs adjacent to the South Platte River in southern Weld County. This specific project will provide for study, design and construction of an enlargement of the Brighton Ditch, which diverts water from the South Platte River. This added capacity will be used to divert Westminster's water from the South Platte into storage at Wattenberg Gravel Lakes. This project will also fund any necessary permitting.	Staff has conducted a needs assessment and is continuing to evaluate the options to best address the City's long term water storage needs. This project will be considered in the upcoming Raw Water Master Plan to ensure that the options considered provide sufficient flexibility and storage to meet build out needs.	\$900,000	\$0	Sharon Williams (PW&U)	City Employee	Slattery & Hendrix Engineering, LLC.	4/2011	6/2015	100% (Needs Assessment Study); 0% (design and construction)
▶	Brookhill/Vance Street Water Main Replacement - This project will replace old water lines near the apartment complex located just off Vance Street, south of 92nd Avenue and north of 90th Avenue. In addition, this project will replace old water lines within the Brookhill Shopping Center. Both of these areas have a significant pipe break history.	Project design was completed in May 2013. Staff continues to work with the property owners to acquire four permanent easements for portions of the new waterline. Bids will be advertised when easements are secured.	\$1,100,000	\$62,494	Stephanie Bleiker (PW&U)	City Employee	Jacobs Engineering Group, Inc.	12/2011	6/2014	100% (design); 0% construction
	Comprehensive Water Supply Plan (CWSP) - South Westminster Non-Potable System - This project consists of pursuing the development of non-potable water sources for irrigation purposes in the southern area of the City, which includes planning, design and construction of the system in conjunction with south Westminster development and redevelopment. The system would use sources of water that the City has rights to but cannot incorporate into the potable water system. The system would be separate and distinct from the City's Reclaimed Water System.	Staff is continuing to develop and scope a follow-up study to the URS feasibility report, which identified potential system demands, developed conceptual system infrastructure and provided "study-level" pre-design costs. The follow-up study will incorporate a broader master plan approach and assess potential water sources. It will also seek to enhance system design, develop better cost information and estimate the project schedule. This project will move forward in conjunction with other utility work in the South Westminster TOD area.	\$375,000	\$40,035	Sharon Williams (PW&U)	City Employee	URS	5/2008	TBD	25% (study) 0% (design)
▶	Comprehensive Water Supply Plan (CWSP) - Standley Lake Bypass - This study will evaluate various alternatives for reducing vulnerability of the City's water supply system under certain emergency scenarios including drought, infrastructure failure, or water quality upsets. Final design and construction of the preferred alternative will commence following the study phase. Funding in future budget years will be needed to complete the project.	Design is complete. Bidding and construction will begin in 1Q 2014.	\$1,100,000	\$831,185	Stephanie Bleiker (PW&U)	City Employee	Hatch Mott MacDonald	3/2009	TBD	100% (design); 0% (construction)
	Comprehensive Water Supply Plan (CWSP) - Wattenberg Gravel Lakes Storage - In order to meet the City's build-out water demand, the City is pursuing construction of reservoirs from reclaimed gravel mines along the South Platte River near Wattenberg in Weld County. This project involves the mining company, Aggregate Industries, constructing water storage for Westminster as part of their mining reclamation plan. Westminster is responsible for constructing inlet and outlet facilities. The project is anticipated to take 17 years to complete.	Construction of gravel lakes has begun, including completion of a slurry wall around the reservoir property. Aggregate Industries' (AI) mining operations are accelerating. Due to permitting issues and a drastically slowed construction environment, Staff negotiated new agreements with AI in 2008 with updated timelines and delivery dates for each component's completion. Staff also negotiated lease agreements with AI at that time.	\$2,610,846	\$2,220,727	Sharon Williams (PW&U)	City Employee	Aggregate Industries	1/2000	12/2017	20%
▶	Croke Canal and Standley Lake Improvements - This project involves both formal inspections and follow-up repair work for these facilities. Costs for Standley Lake maintenance are coordinated and shared with members of the Standley Lake Operating Committee. This project will fund repair and replacements to the dam tender's house. Croke Canal improvements and repair work are anticipated to be a multi-year project beginning in 2013.	The Standley Lake Operating Committee (SLOC) along with its engineer, Ecological Resource Consultants, Inc. (ERC), are preparing for a State inspection of the Standley Lake facilities from the valve house to the intakes per Dam Safety requirements. Part of the preparation includes repairs to two 8-inch bypass pipelines within the valve shaft. The design of these repairs is finalized by ERC and construction commenced in December 2013 and is scheduled to be completed in 1Q 2014. The expenditures that have occurred were for repair and replacements to the dam tender's residence.	\$220,000	\$85,752	Sharon Williams (PW&U)	Ecological Resource Consultants, Inc.	Ecological Resource Consultants, Inc.	1/2013	TBD	25%
▶	Hydropillar Tank Repair and Replacement - Repair of the City's water tanks is a critical priority and this project will fund design and construction associated with the water tank located west of Federal Boulevard near the Environs/North Park residential neighborhoods.	An RFP for the design was distributed in December 2013 with proposals due in January 2014. A design contract will be presented to Council for approval in early 2014. Council approved moving construction forward to 2014 as a part of the carryover process, and construction will begin in late 2014.	\$300,000	\$0	Dan Strietelmeier (PW&U)	City Employee	TBD	12/2013	3/2015	5%
▶	Lift Station Improvements (wastewater lifts) - This project consists of wet well lining, impeller replacements, spare pump purchases, access hatch replacements, emergency force main connections and preliminary investigation of emergency overflow connections to adjoining agencies' collection systems.	This project is providing funding to assist with the 87th Avenue and Wadsworth Lift Station Replacement project. This project is listed separately above, where a status update is provided.	\$385,567	\$315,071	Bob Booze (PW&U)	City Employee	Carollo RN Civil	4/2008	6/2014	75%

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▶	Little Dry Creek Interceptor Repair - Federal Boulevard and U.S. 36 Crossing - The existing pipeline will remain in place for redundancy in cases of emergency and/or maintenance activities. The new pipeline construction will involve tunneling under the highway to reduce costs and limit impacts to traffic. This project will increase hydraulic capacity and enhance the safety and reliability of the City's sewer service in the area.	A construction contract was approved by City Council in March 2013. Design efforts are underway and construction is anticipated to be completed by year-end 2014.	\$400,000	\$0	Andy Walsh (PW&U)	City Employee	Ames Granite Joint Venture	3/2013	12/2014	10% (design); 0% (construction)
▶	Little Dry Creek Regional Detention - This project is located between Federal and Lowell on the south side of the Burlington Northern Santa Fe (BNSF) railroad. This project will create a regional detention area to help facilitate the redevelopment of the TOD area north of the BNSF railroad between Federal and Lowell, south of 72nd Avenue. The project will also create an open space amenity for the neighborhood and the train station and surrounding area. The current estimated total project cost is \$11.6 million and is anticipated to be funded over several years.	The design team is in constant coordination with RTD/DTP, PW&U Staff for sewer relocation, Adams County, Urban Drainage and Flood Control District and the north plaza design team. Construction commenced in February 2013. Two of three utility tunnels are completed; Barnum demolition is complete, 36-inch sanitary sewer construction is complete; 10-inch Crestview sewerline 75% is complete and the next phase of construction will commence in Spring 2014. Major earthwork activities will begin during the summer of 2014 with a completion date of early 2016.	\$5,932,707	\$4,951,772	John Burke (CD)	City Employee	Muller Engineering	9/2009	4/2016	100% (design); 10% (construction)
▶	Lowell Boulevard Water Line - Phase 1 (2012) of this project replaced approximately 1,750 feet of aging water main in Lowell Boulevard from Chestnut Lane south to West 84th Avenue. Phases 2 & 3 of the project continue the water line replacement in Lowell Boulevard, from West 84th Avenue to Bradburn Drive, then continuing down Bradburn Drive to the Gregory Hill water tanks site. The final phases of the project will replace approximately 2,200 feet of aging water line.	Phase 1 of the project was completed in 2012. City Council approved a design contract with Burns and McDonnell for Phases 2 & 3 in July 2013. As a part of the mid-year budget adjustment process, Council authorized the acceleration of Phase 3 from 2015 to 2014 to consolidate a water line replacement project in the same location, thereby streamlining Staff resources and reducing project costs. Construction is anticipated to be completed in summer of 2014 in advance of planned street resurfacing/rehabilitation work on Lowell Boulevard.	\$889,331	\$463,444	Christine Gray (PW&U)	City Employee	Burns & McDonnell	4/2013	8/2014	100% (design); 0% (construction)
▶	Municipal Service Center Gasoline Recovery Remediation Project - Starting in 1985, the City began remediation of gasoline that leaked into groundwater from tanks at the Municipal Service Center (MSC). Recent testing indicated the continued presence of gasoline in the groundwater.	Staff met with representatives from the State of Colorado's Oil and Public Safety (OPS) office on May 1 and received permission to decrease the number of sampling reports due to the State on this project. Staff was also authorized to research and put in place different remediation efforts than were originally planned for 2013. Staff sent out an RFP for a new contractor to complete the remediation work on this project. A total of five contractors responded to the RFP and Staff is in the process of evaluating and interviewing the top candidates. Work with the new contractor is expected to begin in the 2Q 2014.	\$175,000	\$0	Martee Erichson (GS)	City Employee	TBD	3/2013	1/2016	5%
▶	Northridge Water Storage Tank #3 - This project includes design and construction of a new 3 million gallon water storage tank near the existing Northridge Water Tanks. The project includes water distribution system improvements needed to allow sufficient flow of water between the City's tanks and its customers. The specific areas for water transmission main replacement and the alignment of the new water mains will be determined during the design phase of the project.	A pre-design contract with Burns and McDonnell was approved by City Council on May 13, 2013. Preliminary design has been completed and the design contract will be presented to City Council for approval in January 2014. The design phase should begin in early 2014 with construction completion anticipated for the 3Q 2015.	\$5,800,000	\$109,515	Dan Strietelmeier (PW&U)	City Employee	Burns and McDonnell	5/2013	7/2015	100% (preliminary design); 0% (final design)
▶	Northwest Water Treatment Facility (NWTF) Tank Repair and Replacement - This project will fund structural repairs to roof supports and a re-coating of the tank as part of regular life cycle maintenance. These repairs were identified through inspections performed in 2010 and will improve the structural integrity of the tank while extending its operational life.	Design and bidding are complete, and Riley Industrial began the construction phase in December 2013. Construction completion is anticipated for summer of 2014. This account was previously named the "Water Tanks Major R&R" but was changed to reflect the current use of the account.	\$1,161,376	\$116,602	Dan Strietelmeier (PW&U)	City Employee	Carollo Engineers, Inc., Riley Industrial Services, Inc.	1/2013	6/2014	100% (design); 5% (construction)
▶	Pressure Zone 12 Improvements - This project includes installation of pressure-reducing valves (PRVs) in the Arrowhead Subdivision. Correcting the high pressure currently experienced in the neighborhood will reduce pipe break frequency and help prolong the life of the existing pipeline.	This project is complete and is now in the warranty period. Northern Colorado Constructors completed the construction of this project in July 2013. Final adjustments to the PRV settings occurred this Fall. Overall, one construction change order was processed, a contract deduction of \$20,241. The change order was within the scope of the project, did not require Council action for approval pursuant to WMC and was only necessary due to variations in project quantities from that shown in the design documents.	\$900,000	\$595,316	Dan Strietelmeier (PW&U)	City Employee	Burns and McDonnell, Northern Colorado Constructors, Inc.	12/2011	10/2013	100%
TO BE CLOSED	Public Works and Utilities Department Workspace Renovation - This project includes a renovation to the Public Works and Utilities (PW&U) City Hall administrative offices to unite a majority of the Utilities Planning and Engineering (UPE) division staff in one location. The project includes the creation of office spaces and cubicles, a smaller storage room, and relocating the existing conference room to another space within the same department section of the building.	This project is complete.	\$100,000	\$75,821	Chris Gray (PW&U)	City Employee	Sand Construction, Scott Communications	1/2013	10/2013	100%

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	Ranch Creek at 120th Avenue and Federal Boulevard - 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. CDOT has scheduled the widening of 120th Avenue at this location in 2014. The Ranch Creek work needs to be done in advance of CDOT's project.	The pedestrian underpass is currently under design with construction anticipated for 2Q 2014. Adams County Open Space funds may be pursued to expand the scope of this project to add a trail at the northeast corner of the intersection to connect the Ranch Subdivision to the Big Dry Creek Trail.	\$121,000	\$0	Dave Loseman (CD)	City Employee	Felsburg, Holt & Ullevig	2/2013	4/2014	25% (design); 0% (construction)
▶	Raw Water System Improvements (Study) - The purpose of the study is to evaluate the current condition of the two raw water pipelines that connect Standley Lake with the Semper Water Treatment Facility to develop a cost-effective approach to repairing, replacing, maintaining or improving these important infrastructure components. This project also includes an analysis of the City's raw water pump station that conveys flows to the water treatment facilities during times when Standley Lake water levels are low. The station is nearing the end of its useful life and this project will help determine the most cost-effective way to repair, replace, or improve its operations and performance.	This project is scheduled to commence 1Q 2014.	\$200,000	\$0	Stephanie Bleiker (PW&U)	City Employee	TBD	1/2014	TBD	0%
▶	Raw Water System Infrastructure Master Plan - This project will inventory and provide assessments of structures, facilities, and other components of the raw water delivery and storage system while identifying vulnerabilities in the existing system. The master plan will also recommend improvements to the system. Some of the items to be included in the assessment are stream bypass structures, sampling stations, SCADA software systems and hardware.	Formal study efforts are scheduled to commence 2Q 2014.	\$325,000	\$0	Stephanie Bleiker (PW&U)	City Employee	Hatch Mott MacDonald	10/2012	TBD	10% (study-scoping)
▶	Reclaimed Water Salinity Projects - This project will provide funds to implement a management plan to assist reclaimed water customers and City Staff is dealing with issues related to salinity in landscaping at reclaimed water customer sites. The project will also fund the implementation of efforts to prevent or mitigate the impacts of salinity in reclaimed water.	Many landscape issues that were originally thought to be due to salinity in the reclaimed water have been determined to have a variety of other causes. Staff will assess existing data to quantify the causes as well as the level of salinity in the City's reclaimed water, develop approaches to address these variables and work with customers to plan for successful landscapes. Staff will perform this assessment upon the completion of the Reclaimed Water System Infrastructure Master Plan, which was initiated in the fall of 2013 and will determine necessary system improvements.	\$300,000	\$198	Sharon Williams (PW&U)	City Employee	TBD	4/2011	12/2014	100% (irrigation pressure at City Hall); 30% (salinity improvements)
	Rocky Flats Wildlife Refuge - This project represents funds received from Kaiser Hill in 2006 as payment to the City for the Rocky Flats closure. These funds will be utilized for water quality monitoring purposes within and around Rocky Flats Wildlife Refuge.	A review of appropriate monitoring systems is in process by Standley Lake cities. No use of City funds has been necessary at this time.	\$100,000	\$0	Mike Happe (PW&U)	City Employee	TBD	6/2007	TBD	5%
TO BE CLOSED	SCADA Enhancements - This project is to replace existing Supervisory Control and Data Acquisitions (SCADA) system components such as servers, programmable logic controllers and other hardware. Another component of this project is the replacement of the aging access control and video monitoring systems at the two water treatment facilities.	The "major" portion of this project can be closed and remaining funds will be moved to an "ongoing" project account to address future repair and replacement needs for SCADA in the future. Replacement of the access control and video systems in both water treatment facilities is being completed in-house. Installation of all components is proceeding building by building via in-house Staff. Gate access and Semper Chemical Building components are complete. SCADA/Maintenance Staff are now initiating the replacement of the logic controller at the Zone 5 Pump Station. Working with IT, Staff acquired new SCADA server equipment and software to create a "virtualized" server system on the SCADA network to improve reliability/stability.	\$1,671,500	\$1,474,740	Tom Settle (PW&U)	City Employee	In-House	7/2008	3/2014 (Phase 2 Access Control)	30% (Phase 2 Access Control)
TO BE CLOSED	Silo Pump Station Header Replacement - This project involves the replacement of the suction and discharge headers in the Silo Booster Pump Station. The major objectives of the project involve maintaining booster pump station services while the original suction and discharge headers are removed and replaced with new headers.	This project is complete.	\$276,935	\$273,309	Stephanie Bleiker (PW&U)	City Employee	Aslan Construction, Inc.	8/2012	3/2013	100%
▶	South Westminster TOD Sewer Utilities - The primary project is the design and construction of the Little Dry Creek interceptor sewer relocation between Lowell Boulevard and Federal Boulevard and was initiated due to the RTD FasTracks project and the Little Dry Creek Park project. As a separate project, RTD is coordinating with the City to relocate roughly 2,000 feet of the interceptor sewer east of Federal Boulevard. The City will pay for betterments associated with this relocation. RTD and the City are jointly working on acquiring easements in the TOD area for the relocation of sewers around Westminster Station.	City Council approved the construction contract for this project in March 2013. Construction began in April 2013 and was substantially completed by year-end 2013. The project will also fund station-area betterments associated with utilities, which will be constructed by RTD over the next two years.	\$3,850,000	\$2,400,950	Andy Walsh (PW&U)	Edge Contracting, Inc. (construction); URS (construction management)	URS	11/2010	2/2014	80%

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	South Westminster TOD Storm Sewer (North Plaza/Infrastructure) - This project provides funding for stormwater-related needs to meet desirable opening day access and operational requirements for Westminster Station as generally required by the intergovernmental agreement with the Regional Transportation District. The request will supplement and/or substitute for portions of a very basic first phase of work that would meet RTD's minimal requirements.	Planning and design continues for the storm drainage infrastructure that is part of the City's commitments to RTD for Westminster Station. This includes water quality enhancement facilities that will serve the larger, transit-oriented redevelopment area near the station.	\$635,000	\$0	Steve Baumann (CD)	City Employee	TBD	1/2013	1/2016	5% (design)
▶	Strasburg Natural Resources Farm Projects - This project will fund the evaluation and refurbishment/replacement of three wells and pump systems that provide water to two pivot irrigation systems at the Farm.	City Council approved a design/build contract in July 2013. The replacement well permits have been received and the preliminary well test holes have been completed. Construction is anticipated to be completed in 2Q 2014.	\$407,919	\$13,008	Kent Brugler (PW&U)	City Employee	Hemenway Groundwater Engineering / Canfield Drilling (Design/Builder)	8/2012	4/2014	30%
▶	SWTF 2013/2014 Repairs - This account consolidates a number of priority repair/replacement projects at the Semper Water Treatment Facility including equipment related to the filter backwash return system and chemical injection systems, underground piping and systems that transfer water through the plant, the disconnection of obsolete piping to prevent the risk of leaks and confirmation on the condition and replacement timeline of several underground 30-40 year old pipes.	Sub-projects in this account were previously approved by City Council as separate projects as part of the 2013/2014 budget. They have been combined into one project to optimize project sequencing, reduce project costs and better manage onsite safety and security. City Council awarded a design contract to J&T Consulting, Inc. in August 2013. Design is anticipated to be completed in 3Q 2014, and construction is scheduled to be completed in 2Q 2015.	\$1,310,000	\$17,003	Kent Brugler (PW&U)	City Employee	J&T Consulting	8/2013	6/2014 (design); 4/2015 (construction)	20% (design); 0% (construction)
▶	SWTF High Service Pump Station Transformer Replacement - This project will replace a large transformer at the Semper Water Treatment Facility. In order to streamline design efforts and for cost efficiency, this project is being combined with the Big Dry Creek Wastewater Treatment Facility 2013 Major Repairs and Replacement Project (described elsewhere in this document).	Council awarded a design contract to Black & Veatch, and design work is underway with completion scheduled for March of 2014. Construction is anticipated to be completed by the end of 2014.	\$70,000	\$0	Kent Brugler (PW&U)	City Employee	Black and Veatch	8/2013	12/2014	25% (design); 0% (construction)
▶	SWTF Process Improvements - This project is to implement an additional process in the water treatment process at the Semper Water Treatment Facility to improve the sedimentation and filtration processes. The project will also fund a variety of chemical addition process improvements to replace aging piping and pump systems.	Work has focused on chemical system rehabilitation, replacement of aging chemical piping, valves and feed pump equipment. New chemical feed pumps were acquired in 2013. Piping systems to be replaced in 2014.	\$300,000	\$121,622	Tom Settle (PW&U)	City Employee	Internal	6/2010	6/2014	85%
▶	Wandering View Pump Station Improvements - The Wandering View Pump Station has many components that have reached the end of their useful lives. This project involves replacing these components and includes yard piping, valves and pump station structures, electrical connections and service equipment, and key instrumentation equipment used to safely operate the facility.	This project is anticipated to begin in mid-2014.	\$1,342,000	\$0	Stephen Grooters (PWU)	City Employee	TBD	6/2014	TBD	0%
▶	Wandering View Water Tank Repair/Replacement - This project is intended to rehabilitate the Wandering View Water Tanks that require significant roof repairs to keep these storage tanks operational and within Colorado Department of Health and Environment (CDPHE) compliance.	This project is complete and now in a one-year warranty stage.	\$3,466,208	\$2,756,134	Dan Strietelmeier (PW&U)	City Employee	Carollo Engineers, Inc., Riley Industrial Services, Inc.	9/2011	6/2013	100%
▶	Zone 4 System Improvements - This project consists of the design and construction of pipeline improvements to provide a redundant source of supply to the current Silo pump station located at approximately 90th Avenue and Wadsworth Boulevard and internal zone pipe improvements. The piping improvements will increase redundancy in this pressure zone as well as better regulate water system pressures to an acceptable standard. This new pipeline was shown to be more cost effective than an additional pump station.	HDR Engineering, Inc. completed project design in May 2013 and Council awarded B T Construction the construction contract in September 2013. Construction completion is anticipated by the end of 2014.	\$5,987,000	\$851,390	Kent Brugler (PW&U)	City Employee	ID Modeling, Inc. (Pre-Design); HDR Engineering, Inc. (Final Design) B T Construction (Construction)	9/2008	11/2014	100% (design); 5% (construction)