



Accolades *Broomfield Awards & Achievements*

DMV ACCOLADES



The quick service at Broomfield's DMV was appreciated on [Broomfield's Twitter page](#). Way to go!

BROOMFIELD AMONG BEST PLACES TO LIVE

Money Magazine (a publication of Time Inc.,) has ranked Broomfield among the [Best Places to Live in 2016](#). Out of 823 cities, Broomfield has ranked

**25<sup>TH</sup>**  
BEST PLACE TO LIVE  
IN THE US

[Rankings](#) look at job growth, crime, ethnic diversity, property values, household incomes, access to health care, culture, schools and sports.



New Programs and Features

PIYO

New to Broomfield fitness is PiYo, a fusion of pilates and yoga moves in a cardio format. PiYo helps define every inch of your body without bulking up or straining joints. The program involves low-impact, high-intensity moves to increase strength, flexibility and cardio. Check out this new class and all of broomfield's fitness classes at [broomfield.org/fitness](http://broomfield.org/fitness).

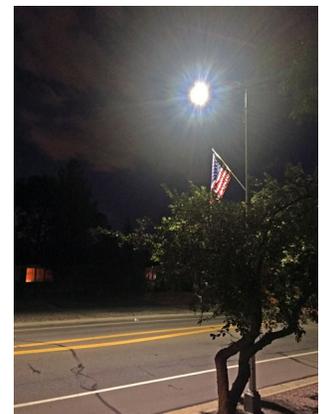
EARLY LEARNING

Over the last week The Early Learning program at Paul Derda Recreation Center has updated its facility to include more child friendly decorations, and new amenities such as: Galaxy tablet stands, a new baby area, and new toys and artwork created by Early Learning staff.

STREETLIGHT RETROFIT

Xcel Energy is replacing older, cobra-head style streetlights with energy efficient LED bulbs that will provide a better quality light and require less maintenance. These types of lamps are usually found in Broomfield along main arterials and connector streets, such as Midway Boulevard and Main Street. Approximately

**1,400 to 4,400**  
XCEL STREETLIGHTS WILL BE CONVERTED



Broomfield has around 6,000 STREETLIGHTS, but since United Power is the electrical utility provider in areas north of 144th Avenue, streetlights in that area will not be included in this conversion. United Power is working on a similar LED conversion program; the conversion schedule will be released later this year.



## New Programs and Features, continued

### INAUGURAL BROOMFIELD BREWHAHA AT ARISTA

The BrewHaHa is an exciting new event coming to Arista Park on Arista Place in Broomfield on Saturday, Oct. 15 from noon to 5 p.m.

Event Coordinators are filling the event schedule with entertainment and vendors.

So far, the event features:

- Brews from Big Choice Brewing, 4 Noses Brewing Company, Nighthawk Brewery, and Wonderland Brewing Company;
- Food from Taste of Texas BBQ and Taj Palace food trucks;
- Live music from Andy Hackbarth and Moses Jones Band;
- Yard games

Broomfield F.I.S.H. will be there hosting a food drive/fundraiser.

Updates and more information can be found at [Broomfield.org/Brewhaha](http://Broomfield.org/Brewhaha)



## Economic Development

### SUSTAINABLE SUPPLY NAMED COLORADO COMPANY TO WATCH

Sustainable Supply, located in Arista, has been named a [Colorado Company to Watch](#), acknowledging the drive, excellence and influence of Sustainable Supply as a growing company in the state.

Colorado Companies to Watch is an awards program honoring 2nd-stage companies headquartered in the state of Colorado. The 350 businesses that have been honored since the program's inception demonstrate high performance in the marketplace or exhibit innovative products or processes. The program is designed to seek companies from a wide range of industries throughout the state, not just the major metropolitan areas. The 50 companies selected each year make an astounding impact on Colorado's economy by collectively providing thousands of jobs and contributing millions of dollars in revenue. The Colorado Office of Economic Development and International Trade (OEDIT) launched the program in 2009 in conjunction with the Edward Lowe Foundation and valuable community partners from across Colorado.

In addition, Sustainable Supply has earned a top 1,000 ranking on [Inc. Magazine's list of the 5,000 fastest growing private companies in the U.S.](#) for four years in a row, and they have been a recipient of Internet Retailer's top 1,000 ranking for each of the last six years.



## Creative Broomfield

### PUBLIC ART:

[Vote now](#) for Broomfield's Choice! The Deadline is November 15.

Gallery Exhibit: [Corrie Frank](#). *Watercolor paintings*. Through November 12.

### EVENTS:

[Jazz Series](#): Wednesdays at 7 p.m., at the Broomfield Auditorium.

**Bebop Boulder**: Oct. 5. *Admission: \$7 / \$10*

**BIFF Shorts in Broomfield**: Friday, Oct. 21, at 7 p.m. *Admission: \$7 / \$10* [Tickets](#)



Visit [CreativeBroomfield.com](http://CreativeBroomfield.com) for more cultural and creative events.



## Community Engagement

AUGUST WORKFORCE CENTER	
MULTI-INDUSTRY JOB FAIR	ATTENDEES
August Job Fair	61
EMPLOYMENT FIRST PROGRAM	ATTENDEES
August	40

WORKFORCE CLASS TITLE	ATTENDEES
Workforce Center Services & job Tools	19
The Interview Workshop	13
Youth Workshop: Job Search & Interview	12
Workplace Professionalism Workshop	11
Resume and Cover letter Workshop	5
Mock Interview	3
Intensive Interview Workshop	3
Social Security Disability Benefits	2
Resume Critique	0

### WORKFORCE CLASSES

Opportunities to learn about today's job strategies.

### HIRING EVENTS

Weekly opportunities to seek employment with local businesses in multiple sectors/industries.

### EMPLOYMENT FIRST PROGRAM

A work-readiness program for qualified food stamp (SNAP) recipients to attend class and volunteer to maintain benefits.

### RECREATION MAINTENANCE

The Broomfield Recreation Centers close each year for annual maintenance. During the closure week for each facility, Recreation, Facilities and Public Works staff clean the rec centers from top to bottom!

**400** STAFF HOURS  
SPENT IN THE  
PDRC POOL AREA

Drained, scrubbed and vacuumed the pool; scrubbed and power-washed decks, gutters, slides and tiles; installed a **NEW ULTRA VIOLET SANITIZING SYSTEM**; installed **NEW BOILERS** on the main pool; replaced seals on pumps; **REPAIRED LEAK** that was found after refilling the pool; **REMOVED CURRENT GARAGE DOORS**; had the rock structures acid washed and repainted; cleaned all the vents, windows, furniture, equipment, railings, storage areas, and offices; removed and inspected all grates; and scrubbed locker room floors.

**120** STAFF HOURS  
SPENT IN THE  
BCC POOL AREA

Staff **SCRUBBED THE LOCKER ROOMS**; scrubbed and acid washed decks and gutters; **DRAINED AND SCRUBBED THE POOL AND HOT TUB**; made minor repairs; checked all pumps and seals; cleaned and reorganized equipment and storage areas.

**160** STAFF HOURS  
SPENT IN THE  
FITNESS AREAS

Staff **REPLACED ALL BODYPUMP EQUIPMENT** and steps; painted **THREE FITNESS STUDIOS**; cleaned and organized all the studios, studios, wellness room, equipment and storage rooms, trainers' closet and cupboards; cleaned and checked all fitness equipment; and washed all yoga mats.

**60** STAFF HOURS  
SPENT IN THE  
CARDIO & WEIGHT ROOMS

Staff cleaned all **72 PIECES OF CARDIO AND WEIGHT EQUIPMENT**; replaced **EIGHT ELLIPTICALS** and **FOUR BIKES** at PDRC, and replaced **TWO BIKES** and **THREE ELLIPTICALS** at BCC.



# Information Technology CIP Status Report .....

This is the update for the month of September for Information Technology (IT) Capital Improvement Program (CIP) projects. A financial table is presented for each active project shown in the report. The “Actual Cost to Date” in the financial tables for each project is based upon information through September 1, 2016. This is the first report that includes the IT CIP projects and will be provided to Council on a monthly basis.

## TECHNOLOGY PROJECTS IN PROCESS

### BROOMFIELD GOES GOOGLE/OFFICE PRODUCTIVITY SUITE UPGRADE

**Status:**

This project implements a hybrid approach to deploy and adopt Google Apps as the City and County’s primary office productivity solution. Google Apps will replace most of the City’s dependency on MS Office with exceptions for business areas whose core systems are currently dependent on portions of the MS Office platform. In April 2016, Google accounts were provided to all City and County employees for use with email, calendars, contacts, chat, and desktop video sharing.

In July, work began to migrate network shared files into Google Drive. Each week through December, files are moved to Google Drive, access permissions are set, and refresher training is provided to the departments that are impacted. Several departments have been migrated to date which include, Information Technology, Open Space, Human Resources, Assessor, Communications, Public Works, County Clerk, Courts, and Community Development.

Broomfield Goes Google/Office Productivity Suite	
<b>Financial:</b>	
Current Budget	\$397,842.00
Committed Costs	\$329,925.00
Amount Spent to Date	\$329,925.00
Amount Remaining (Original Budget - Committed Costs)	\$67,917.00
<b>Project Schedule:</b>	
Percent Complete	75%
Anticipated Completion Date	July 2017

### RECREATION MANAGEMENT SYSTEM REPLACEMENT

**Status:**

This project will replace the existing Active Network (formerly CLASS) system used by Recreation Services, Library, Cultural Affairs, and HHS Senior Services with a system proven in the recreation services industry. The solution will increase staff efficiency and improve the overall patron experience with more self-service opportunities. End of support for the current system is November 2017.

In July, a Request for Proposal (RFP) was released to pre-qualified vendors with five vendors responding. A project collaboration site was also developed and released to allow all Broomfield City and County employees to obtain current status of the project and review project documentation. The RFP review team is evaluating and scoring the submitted proposals with follow-up demonstrations of the top two proposed systems scheduled the week of October 3, 2016.



## Information Technology CIP Status Report, Continued .....

Recreation Management System Replacement	
<b>Financial:</b>	
Current Budget	\$889,900.00
Committed Costs	\$0.00
Amount Spent to Date	\$0.00
Amount Remaining (Original Budget - Committed Costs)	\$889,900.00
<b>Project Schedule:</b>	
Percent Complete	10%
Anticipated Completion Date	July 2017

### BROOMFIELD ONLINE RESOURCES INFORMATION SYSTEM (BORIS) IMPLEMENTATION

#### Status:

In May 2016, City Council approved the implementation of Oracle Human Capital Management (HCM) cloud services to replace the existing human resource and payroll system with CherryRoad as the integrator and North Highland Company providing project management and change management support. Implementing HCM will reduce processing time, improve quality, prevent duplication of effort, and standardize processes. This solution will provide a common platform for payroll, recruiting, workforce management, benefit administration, performance evaluations, and training administration.

CherryRoad demonstrated the first prototype of the new system to Staff in July. This included loading a significant portion of the datasets needed to build out the core functions. A second prototype was provided the week of September 22, 2016 which included presentations to timer keepers and other stakeholders across the City and County to see the system for the first time. City and County employees will begin tracking their time for payroll beginning December 7, 2016 with full system functionality delivered in April 2017.

Broomfield Online Resources Information System (BORIS)	
<b>Financial:</b>	
Current Budget	\$2,470,822.00
Committed Costs	\$2,462,526.71
Amount Spent to Date	\$348,521.71
Amount Remaining (Original Budget - Committed Costs)	\$8,295.29
<b>Project Schedule:</b>	
Percent Complete	25%
Anticipated Completion Date	April 2017

### NEW WORLD IMPLEMENTATION-POLICE INFORMATION MANAGEMENT SYSTEM

#### Status:

This project, initiated in October 2013, replaced the existing IMS with an integrated solution developed by New World Systems. This system, which was acquired by Tyler Technologies, Inc., went "live" in April 2015 with the Police Department utilizing the IMS for all essential police functions.

Preparations are nearly complete to upgrade the system to the most current version of the software, version 11.6 SP1, which is scheduled to be complete in November 2016. Final system acceptance will be completed as part of this upgrade with improved mapping capabilities and a new dedicated system training environment. The City is also engaging with Tyler to close out the implementation phase of the contract which includes negotiating payment of the retained implementation fees of \$443,250. Ongoing maintenance, warranty, and support will continue.



## Information Technology CIP Status Report, Continued .....

As part of this project, Brazos (a Tyler product) was selected as the e-ticketing software solution and staff is evaluating hardware options. Quotes for the e-ticketing system are being finalized and will be presented to council for consideration with implementation anticipated to be complete early 2017.

New World/Police Information Management System	
<b>Financial:</b>	
Current Budget	\$3,734,714.65
Committed Costs	\$3,498,400.04
Amount Spent to Date	\$2,988,197.13
Amount Remaining (Original Budget - Committed Costs)	\$236,197.13
<b>Project Schedule:</b>	
Percent Complete	85%
Anticipated Completion Date	February 2017

### CONFERENCE ROOM AUDIO/VISUAL EQUIPMENT REFRESH

#### Status:

This project will update the conference rooms across the City and County with current audio/visual capabilities to increase presentation effectiveness, collaboration, and reduce the demand for printed handouts. Several conference rooms have been updated with large flat screen displays, wireless conference phones, and wireless display technologies that enhance the use of the mobile technologies being distributed as part of the annual personal computer technology refresh. Priority for the update is given to the conference rooms that have the highest utilization. Community Development conference room four, and Pinon Conference Rooms will be updated over the next several weeks. The Council Chambers Conference Room will be updated in early 2017.

Conference Room Audio/Visual Equipment Refresh	
<b>Financial:</b>	
Current Budget	\$200,000.00
Committed Costs	\$5,942.13
Amount Spent to Date	\$5,942.13
Amount Remaining (Original Budget - Committed Costs)	\$194,057.87
<b>Project Schedule:</b>	
Percent Complete	15%
Anticipated Completion Date	December 2017

### POLICE VEHICLE LAPTOP COMPUTER REPLACEMENTS

#### Status:

The police department vehicles will be updated with new ruggedized computers, cellular network access, touch screen monitors, and integrated keyboards. This new setup will improve the performance of critical software applications necessary for public safety and improve utilization of limited space in the vehicles. The new configuration is currently being tested and final pricing being negotiated. Installation of the new systems will begin in December 2016 with an anticipated completion in April 2017.



## Information Technology CIP Status Report, Continued .....

Police - Vehicle Laptop Computer Replacements	
<b>Financial:</b>	
Current Budget	\$240,000.00
Committed Costs	\$0.00
Amount Spent to Date	\$0.00
Amount Remaining (Original Budget - Committed Costs)	\$240,000.00
<b>Project Schedule:</b>	
Percent Complete	15%
Anticipated Completion Date	April 2017

### OTHER PROJECTS IN PLANNING AND DESIGN

#### WATER SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA) SYSTEM MODERNIZATION - \$3,310,000

This project will improve the efficiency and quality of water and wastewater services delivered by the Public Works Department with a modernized and unified SCADA systems for water supply and treatment, utilities (wastewater collections and water distribution), and wastewater treatment.

The objective is to identify and implement a secure standardized system that will meet all of the water management and control needs for the City and County with the flexibility to allow for a phased implementation. A contract full time project manager will be included in this project with experience implementing modern SCADA systems to assist with the evaluation, selection and implementation over a two year timeframe. A request for proposal for project management services will be coordinated over the last quarter of 2016 with proposals for a modernized solution evaluated early 2017.

#### DOCUMENT MANAGEMENT SYSTEM REPLACEMENT - \$525,000

The existing document management system for the City and County implemented in 2006 has reached end of life for support and maintenance. A new solution is required to allow official electronic documents and records to be captured, categorized, reviewed, and safely stored for easy retrieval.

A small pilot program is underway to determine if the Google Apps platform is robust enough to meet the document and records management needs of the many departments within the City and County. This pilot will determine if the project should focus on building out a solution on the Google platform or pursue a new software solution. As part of the project, all existing electronic records will be migrated into the new solution. This project will officially begin in January 2017.



# Public Works CIP Status Report .....

This is the update for the month of September 2016 for Capital Improvement Program (CIP) projects. A financial table is presented for each project under construction shown in the report. The "Actual Cost to Date" in the financial table for each project is based upon information through September 1, 2016.

## PROJECTS IN PROGRESS

### CARPET REPLACEMENT AT CITY AND COUNTY FACILITIES

**Status:**

City Council approved an agreement with Commercial Flooring Services, Inc. in the amount of \$111,240 on March 8, 2016, for the materials and supplies for removal, disposal, and installation of new carpeting in two areas:

- Circulation and Technical Services area at the Mamie Doud Eisenhower Public Library
- Motor Vehicle, Central Records, and the Bal Swan/Zang Spur Conference Rooms at the George Di Ciero City and County Building

These areas were chosen based on a number of factors including, age, condition and potential repurposing of the area.

On Wednesday, March 30, 2016, Commercial Flooring Services, Inc. began installing the carpet and hard flooring for the first phase of the Motor Vehicle remodel and the George Di Ciero City and County Building. The remodeled Motor Vehicle area was completed on April 4, bringing the first floor carpet installation to 50% complete. On Saturday, June 4, 2016, the final phase of flooring was installed for the first floor remodel.

Testing revealed excess moisture in the Circulation and Technical Services area at the Mamie Doud Eisenhower Public Library and in the Bal Swan/Zang Spur Conference Rooms at the City and County Building. Additional treatment will be required prior to the installation of the new carpet in these areas.

Facility Services is working with the other user groups impacted to plan the timing of the work, as the timeframe is dependent upon each facility's scheduling. The project is on schedule to be complete by December 2016.

Carpet Replacements	
<b>Financial:</b>	
Current Budget	\$ 140,000
Committed Costs	\$ 111,240
Amount Spent to Date	\$ 27,756
Amount Remaining (Original Budget - Committed Costs)	\$ 28,760
<b>Project Schedule:</b>	
Percent Complete	50%
Anticipated Completion Date	December 2016

### CITYWIDE TREE REPLACEMENT PROGRAM

**Status:**

The Broomfield Citywide Tree Replacement Program was established in 1997 to fund the replacement of trees that have been removed from parks, greenbelts, open space areas, and city offices/facilities due to disease, insects, winter kill, or vandalism.

City Council approved an agreement with Green Spot, Inc. on February 23, 2016, for the program in the amount of \$180,000. The program has been expanded this year to include the planting of an additional 200 trees to offset the removal of Ash trees as part of the Emerald Ash Borer (EAB) Mitigation Program, bringing the total number of trees to be planted by the contractor in 2016 to 500. Another 40 trees will be planted by Broomfield staff, with volunteer assistance from local civic groups.



## Public Works CIP Status Report, Continued .....

Phase 1 of the project began on April 28, 2016, and was completed on May 13, 2016. On May 20, the second phase of the project began. Phase 2 is 50% completed. As summer is not the recommended time to plant, the remaining trees in Phase 2 will be planted starting in mid-September and will be completed in October.

Citywide Tree Replacement Program	
<b>Financial:</b>	
Current Budget	\$ 190,000
Committed Costs	\$ 180,000
Amount Spent to Date	
Contracted Tree Planting	\$ 136,815
Eagle Scout Tree Planting at Crofton Park	3,850
Highland Park/CCoB Forestry Tree Plantings	4,455
Amount Remaining (Original Budget - Committed Costs)	\$ 10,000
<b>Project Schedule:</b>	
Percent Complete	78%
Anticipated Completion Date	October 2016

### CONCRETE REPLACEMENT - \$247,800

**Status:**

The Citywide Concrete Replacement Program is an annual program that provides funding to repair both city-owned and privately-owned concrete infrastructure such as sidewalks, curbs, gutters, and curb ramps. Under the program, residents may request repairs to sidewalks, curbs, and gutters that are in city right-of-way, but are the homeowners' maintenance responsibility. These concrete repair requests must meet certain technical criteria related to hazardous concrete conditions, minor drainage problems, or major aesthetic problems. The requests are reviewed by Public Works staff and, if approved, the residents will be responsible for paying 25% of the concrete repair costs and Broomfield will pay the remainder.

An agreement with Colorado Concrete Construction LLC was awarded by the City Council on May 24, 2016, and work began at the end of August.

Concrete Replacement Program	
<b>Financial:</b>	
Current Budget	\$ 247,800
Committed Costs	\$ 247,800
Amount Spent to Date	\$ 15,000
Amount Remaining (Original Budget - Committed Costs)	\$ 0
<b>Project Schedule:</b>	
Percent Complete	6%
Anticipated Completion Date	November 2016

### NON-POTABLE WATER SYSTEM PLANNING STUDY

**Status:**

Broomfield owns, operates, and maintains a non-potable water delivery system that is used to irrigate parks, landscaped rights-of-way, and large commercial areas. The benefits of having a non-potable water distribution system include more efficient use of a limited resource, lower operating costs for treatment, and avoided capital costs on the potable water system.

The current non-potable water system includes 96 connections that irrigate approximately 1,500 acres of land. In 2015, approximately 16% of Broomfield's total water demands were met from the non-potable system.

Broomfield has been finalizing the plans for several capital projects to fully utilize the non-potable water rights owned by Broomfield. Two initial phases of the non-potable water planning process have previously been



## Public Works CIP Status Report, Continued .....

completed: 1) determining irrigation demand factors and 2) evaluating Broomfield's existing non-potable supplies.

The next phase of the project is a study that will analyze the costs and infrastructure needed to expand the non-potable water system to serve irrigation needs associated with future development in the northeast areas, and to convert other irrigated areas that are currently served with potable water.

The City Council approved an agreement on March 8, 2016, with Wright Water Engineers, Inc. (WWE) in the amount of \$137,600 to complete the study. Staff has continued to provide WWE background information.

WWE has begun to set up the hydraulic model that will help determine the distribution pipe sizes, water storage, and pressure equalization requirements for a range of three to five build-out scenarios. This information will be used by staff to evaluate the expansions of the system in coordination with non-potable water license sales. Staff has assisted WWE in identifying four scenarios to further examine in combination with the hydraulic model.

Non-Potable Water System Planning Study	
<b>Financial:</b>	
Current Budget	\$ 254,504
Committed Costs	\$ 137,600
Amount Spent to Date	\$ 52,123
Amount Remaining (Original Budget - Committed Costs)	\$ 116,904
<b>Project Schedule:</b>	
Percent Complete	40%
Anticipated Completion Date	December 2016

### PAUL DERDA RECREATION CENTER POOL DOOR REPLACEMENTS

**Status:**

City Council approved an agreement with DH Pace Company, Inc. in the amount of \$74,395 on July 12, 2016, for removal, disposal, and installation of three new sectional overhead doors in the pool area at the Paul Derda Recreation Center.

The doors to be replaced were installed in 2003 to serve as an unrestricted passageway between the pool and the outdoor patio during the summer. Two doors were inoperable, and none of them had safety devices in place to stop them from falling to the ground in the event of a mechanical failure.

On August 29 and August 30, 2016, DH Pace Company, Inc. removed the three bi-fold doors and secured each opening with plywood. The new doors are on order and expected to arrive the first week of October. Installation will occur during the overnight closures so that pool operations are not interrupted.

Pool Door Replacements	
<b>Financial:</b>	
Current Budget	\$ 75,000
Committed Costs	\$ 74,395
Amount Spent to Date	\$ 0
Amount Remaining (Original Budget - Committed Costs)	\$ 605
<b>Project Schedule:</b>	
Percent Complete	50%
Anticipated Completion Date	October 2016



# Public Works CIP Status Report, Continued .....

## PAVEMENT PRESERVATION PROGRAM - \$3,820,000

**Status:**

Broomfield's Street Pavement Preservation Program is an annual Capital Improvement Program to preserve, maintain, and improve the condition of Broomfield's streets. Each year, Broomfield staff inspects and assigns a condition rating for every street. A prioritized list of streets needing treatment is developed based on the rating score. The proposed 2016 program consists of three components: placing a seal coat on 30 street sections totaling 6.61 miles, providing mitigation to maintain drivability on 36 street sections totaling 8.05 miles, and placing 2,284 tons of routine maintenance patching. City Council approved agreements with A-1 Chipseal Co. and Asphalt Specialties Co., Inc. on March 22, 2016, for the 2016 Pavement Preservation Program.

Notice to proceed was issued to the contractor on April 6, and work is underway.

Pavement Preservation	
<b>Financial:</b>	
Current Budget	\$ 3,820,000
Committed Costs	\$ 3,820,000
Amount Spent to Date	\$ 2,984,490
Amount Remaining (Original Budget - Committed Costs)	\$ 0
<b>Project Schedule:</b>	
Percent Complete	78%
Anticipated Completion Date	November 2016

## SAND/SALT STORAGE FACILITY

**Status:**

The Streets Division utilizes a fabric structure south of the Detention and Training Center in west Broomfield to store deicing materials for use in the Snow and Ice Control Program. The existing structure is over 15 years old and was in need of replacement due to damage from routine use and exposure to the elements.

City Council approved an agreement with CG Construction Company in the amount of \$250,025 on May 24, 2016, to replace the current storage structure with a fabric truss system placed on top of concrete walls.

Internal staff began demolition of the existing structure on July 9, and construction began on July 18. The contractor has begun cutting the concrete in preparation for the installation. Inspections of the work to date are pending. North Metro Fire Rescue District personnel must complete a plan review.

Sand/Salt Storage Facility	
<b>Financial:</b>	
Current Budget	\$ 280,000
Committed Costs	\$ 250,025
Amount Spent to Date	\$ 0
Amount Remaining (Original Budget - Committed Costs)	\$ 29,975
<b>Project Schedule:</b>	
Percent Complete	3%
Anticipated Completion Date	November 2016



## Public Works CIP Status Report, Continued .....

### OTHER PROJECTS IN PLANNING AND DESIGN

#### **Coal Creek Ditches: FEMA Grant Project - \$457,198 total includes Broomfield's 12.5% match (\$56,582)**

During the September 2013 floods, the Upper Church Ditch and McKay Ditch diversion structures and headgates experienced substantial damage and were left unable to convey water supplies from Coal Creek to Broomfield's Great Western Reservoir. A grant was awarded by the Federal Emergency Management Agency (FEMA) to assist Broomfield with the replacement of the damaged facilities. On June 24, 2014, City Council approved an agreement for engineering design. While design was underway, it was determined that in order to address changes to the stream configuration that occurred during the flood event, a scope change needed to be granted by FEMA prior to finalizing the engineering. Staff is currently waiting for FEMA to approve the scope change request, thus, the engineering design is on hold.

#### **Heit Pit Inlet/Outlet Facilities - \$2,464,280**

The Heit Pit Inlet/Outlet Facilities project will provide a connection between the Heit Pit, a gravel pit that is currently being mined in Weld County, and the South Platte River. The Heit Pit provides storage for reuse supplies during times of the year when Great Western Reservoir is full, and it allows Broomfield to better utilize the current reuse supplies. The project consists of the construction of pipelines to divert water into Heit Pit and release water out of Heit Pit.

On June 28, 2016, City Council approved an agreement with Sunrise Engineering, Inc. (Sunrise) in the amount of \$125,648 for Owner's Representative services for this project. Sunrise has been working to become familiar with the current version of the plans and compiling recommendations to staff on the design and bid documents. Staff plans to put the construction project out to bid by the end of the year.

#### **Siena Reservoir Pump Station - \$7,500,000**

In order to meet peak day summer demands as projected based on anticipated tap sales in the upcoming years, Siena Reservoir will be used as a peaking reservoir for Broomfield's drinking water system. This will be achieved by constructing a pump station with a capacity of 10-15 cubic feet per second and 14,200 feet of pipeline from Siena Reservoir to the Broomfield Water Treatment Facility. This project is expected to go out to bid for engineering design in 2016.

#### **Wastewater Treatment Facility Solids Handling Asset Replacement Project - \$719,400**

The Wastewater Treatment Facility (WWTF) consists of both liquid and solids handling treatment processes, which provide for the effective treatment of the incoming wastewater and achieve regulatory compliance. The WWTF was originally constructed in 1954 and has been expanded five times over the past 62 years. Several solids handling treatment processes are reaching the end of their useful life and require replacement. A pre-project review was presented to City Council on July 26, 2016.

An agreement with Lillard & Clark Construction Company, Inc. for construction of the solids handling processes asset replacement will be presented to City Council for consideration at its meeting on September 27, 2016.

#### **Water Treatment Plant Expansion - \$11,249,500**

In order to ensure an adequate supply of potable water, Broomfield's Water Treatment Plant will need to be expanded to meet future water demands. Currently, the plant capacity is 20 million gallons per day. The next expansion will increase the treatment facility's capacity to 26 million gallons per day. The total budget for this project is \$10,349,500. This includes design and construction costs, which will be broken out separately when the project is underway. The design phase is scheduled to begin in the fourth quarter of 2016. Also included is the addition of a soda ash and fluoride feed building (\$150,000), and a carbon feed building (\$750,000), both of which were previously budgeted separately.



## Public Works CIP Status Report, Continued .....

### **Windy Gap Firming Project - \$399,457,738 (Total Project)**

The Windy Gap Firming Project (WGFP) consists of the construction of a 90,000 acre-foot reservoir called Chimney Hollow in Larimer County. The project is led by the Municipal Subdistrict of the Northern Colorado Water Conservancy District (NCWCD). The project has 13 participants contributing funding to build the reservoir in exchange for a proportional amount of water storage. Broomfield's portion is 25,200 acre-feet of storage, or 29.2% of the project. Broomfield's total contributions are estimated at \$116.5 million. The project has been in the permitting phase for the past 12 years, but permitting is expected to be completed in 2016.

The Municipal Subdistrict has chosen MWH Global to provide engineering design services for the Chimney Hollow Reservoir. After considerable contract and insurance negotiations, the Municipal Subdistrict Board approved the contract for design services on August 11, 2016.

City Council approved a payment of \$4,028,243 on February 23, 2016, to fund Broomfield's share of the 2016 engineering design costs. Design is expected to take approximately two years to complete.



# Community Development CIP Status Report .....

This is the update for the month of September for Capital Improvement Program (CIP) projects. A financial table is presented for each project under construction shown in the report. The “Amount Spent to Date” in the financial tables for each project is based upon information through September 1, 2016. Council has received these informational reports on a monthly basis since July 2003.

## PROJECTS UNDER CONSTRUCTION

### 120<sup>TH</sup> AVENUE CONNECTION - FINAL PHASE

**Status:**

The 120th Avenue Connection Project connects SH 128/Wadsworth Parkway with West 120th Avenue. The initial phases of the project were completed in 2010. Following prolonged negotiations with the Burlington Northern Santa Fe (BNSF) Railroad, construction of the final phase began in April 2015. The total cost of the final phase is \$28.2 million. Broomfield’s share will be \$6.6 million, and the balance (\$22.2 million) will come from federal and state funds.

Important features of the final phase of the project include:

- Completing the final ¼ mile of roadway;
- A new railroad structure over SH 128;
- Relocation of the railroad siding west of Nickel Street to decrease crossing delays;
- Computer controls allowing for Quiet Zones, once additional safety measures are complete;
- One-half mile of new storm sewer at Main Street;
- One-half mile of new road overlay on eastbound 120th Avenue; and
- A new signalized intersection at approximately Upham Street and West 120th Avenue.



Construction of curb, gutter, and median improvements for the Quiet Zone at Nickel are complete. Signing and striping to accompany improvements should be complete by the end of September. Once installed, Broomfield will apply to BNSF to cease train horns at the Nickel Street crossing. Work continues on the bridge structure for BNSF over the new SH 128. The contractor anticipates moving the BNSF mainline onto the new structure in October. The proposal to eliminate a deep Water Quality Manhole Structure has been approved. The storm sewer installation west of Main Street is nearing completion.

120 <sup>th</sup> Avenue Connection - Final Phase	
<b>Financial:</b>	
Current Budget (Broomfield’s Share)	\$6,600,000
Committed Costs	\$6,600,000
Amount Spent to Date	\$1,803,752
Amount Remaining (Original Budget - Committed Costs)	\$0
<b>Project Schedule (Construction):</b>	
Percent Complete	27%
Anticipated Completion Date	Early 2018



# CommDev CIP Status Report, Continued.....

## BROOMFIELD COUNTY COMMONS: FIELD RENOVATION AND COMPLETION

**Status:**

The synthetic turf on the Yellow Pod is complete and play began April 1. The Championship Field was open for play in mid-May. A ribbon cutting ceremony was held on June 29. The parking lot opened to cars (and people) on September 1 as planned. The landscaping for the parking lot is expected to be completed by the end of September.



Council has appropriated funding for upgrades to the dog park and the design has been completed. The Dog Park closed for construction on September 12. The work is expected to take 10 weeks depending on weather conditions.

Broomfield County Commons: Field Renovation and Completion	
<b>Financial:</b>	
Current Budget	\$4,642,282
Committed Costs	\$4,235,432
Amount Spent to Date	\$3,654,219
Amount Remaining (Original Budget - Committed Costs)	\$406,850
<b>Project Schedule (Construction):</b>	
Percent Complete - Field Renovation	complete
Percent Complete - Green parking lot	Complete excluding landscaping
Percent Complete - Dog Park	0%
Anticipated Completion Date of Dog Park	November 2016

## LOWELL SOUTH (120<sup>TH</sup> AVENUE TO EAST MIDWAY) PROJECT

**Status:**

The Lowell South Project consists of three major improvement areas. The project will complete the full four-lane road section and landscaping improvements between West 120th Avenue and East Midway Boulevard. Additionally, Lowell Boulevard will be raised above the Nissen Channel between West 120th Avenue and West 121st Place, and a new combined drainage and pedestrian trail underpass will be constructed. This project also ties in with the recently completed CDOT intersection improvements at West 120th Avenue at Lowell Boulevard.



Hamilton Construction and their sub-contractors have been working on the project since January 2015.

During the month of September, irrigation main line trenching and assembly has occurred between 120<sup>th</sup> and 124<sup>th</sup>, and replacement of the irrigation along Brandywine between 122<sup>nd</sup> and 124<sup>th</sup>. Remaining work includes landscape and landscape irrigation work along the roadside from 120<sup>th</sup> to East Midway.

Lowell South Project	
<b>Financial:</b>	
Current Budget	\$10,391,743
Committed Costs	\$ 9,647,189
Amount Spent to Date	\$ 7,448,810
Amount Remaining (Original Budget - Committed Costs)	\$ 744,554
<b>Project Schedule (Construction):</b>	
Percent Complete	90%
Landscape Irrigation Channel Completion Date	October 2016



## CommDev CIP Status Report, Continued.....

### POLICE AND COURTS SECURITY SYSTEM REPLACEMENT PROJECT

#### Status:

The Broomfield Police and Combined Courts building was constructed in 2001 and remodeled in phases between 2010 and 2012. The existing security system encompasses cameras, recording equipment, panic buttons, card readers, intercoms and monitoring systems throughout the building. The current system has failed on numerous occasions in the last few years leaving the building vulnerable and unsecure. This project is to replace the security system.

The contractor, CML Security, is continuing to test the equipment offsite and is phasing in the replacement of the system onsite in close coordination with the Police department.

Police and Courts Security System Replacement Project	
<b>Financial:</b>	
Current Budget	\$ 463,500
Committed Costs	\$ 448,780
Amount Spent to Date	\$ 272,784
Amount Remaining (Original Budget - Committed Costs)	\$ 14,720
<b>Project Schedule (Construction):</b>	
Percent Complete	60%
Anticipated Completion Date	November 2016

### WATER SYSTEM UPGRADES: 144<sup>TH</sup> AVENUE WATERLINE

#### Status:

Council approved an agreement with BT Construction for the 144<sup>th</sup> Avenue Waterline at the April 12 meeting. The project was set to start on June 6 when it was determined a pair of Red Tail Hawk were nesting in the open space directly north of 144<sup>th</sup> Avenue. It was recommended by Smith Environmental that the project be put on hold until the babies fledged, about four weeks. Construction began July 18.

The intersection of Lowell Boulevard and 144<sup>th</sup> Avenue was closed on August 12 and again on September 9 to allow for the new waterline to be connected to the existing waterline in Lowell Boulevard. The closure was required due to the significant number of existing utilities located in the intersection and the required depth of the tie-in. The area is currently paved and open to traffic, and the final tie-in at the water plant is anticipated to be completed in October when the water demands are lower. The final tie-in will take approximately one week to complete.

Water Master Plan Update: 144 <sup>th</sup> Avenue	
<b>Financial:</b>	
Current Budget	\$1,440,379
Committed Costs	\$1,338,710
Amount Spent to Date	\$612,976
Amount Remaining (Original Budget - Committed Costs)	\$101,669
Percent Complete	90%
Anticipated Completion Date	October 2016

### OTHER PROJECTS IN PLANNING AND DESIGN

#### Broomfield Bay Aquatic Park, Phase 3: Building Renovation - \$312,000

On February 10, 2015, Council approved a design agreement with BHA Design, Inc. (BHA), for the Broomfield Bay Aquatic Park, Phase 3: Building Renovation Design Project. Phase 3 includes renovation of the administration offices, park entry, restrooms and mechanical buildings. BHA held a kickoff meeting in March to begin the design work. Golden Triangle Contractors (GTC) was selected as the Construction Manager/General Contractor (CMGC) for the project. GTC produced a GMP which was presented to Council in July and approved. Now that the Bay Aquatic Park is closed for the season, GTC has begun work.



## CommDev CIP Status Report, Continued.....

### **Broomfield Community Center Improvements, Phase 1 - \$3,653,800**

The Broomfield Community Center (BCC) was constructed in 1974. A substantial renovation and addition of the Senior Center was completed in 1990. The BCC is at a point where substantial renovations are necessary. Many individual smaller projects have been requested over recent years due to the age of the facility. In addition, a substantial renovation and expansion of the BCC has been slated for the long range major building need for 2026. It became evident that the individual smaller projects needed to be combined and coordinated with an overall facility master plan so the improvements would integrate into the future plans and not become "throw away." In addition, the improvements would have to maintain the operations and programs offered at the facility.

Davis Partnership Architects (Davis) was selected to develop a Master Plan for the facility that would allow for a phased approach to meet the operational needs of the facility with a Phase 1 project that would accommodate the facilities most urgent needs. The Phase 1 and associated Master Plan conceptual design was approved by Council at the July 21, 2015, Study Session. Subsequently, Davis was awarded a design agreement for the Phase 1 improvements at the August 25, 2015, Council meeting. The Phase 1 improvements include a partial demolition of the north side of the facility, a two story addition to include new locker rooms on the first floor, group fitness on the second floor, and replacement of the elevator. Phase 1 also includes improving egress and storage for the facility. At the time of the design award, the funding for Phase 1, including design services, totaled \$3,653,800.

During the design process and building code analysis, it was determined that the project will need to add a fire sprinkler and fire alarm system to the north half (recreational wing) of the building to meet current building code requirements. Other design coordination discoveries resulted in other changes to include the relocation of the elevator to the new addition to avoid structural complications with the existing roof structure and the addition of a ramp from the main level to the locker/pool level to provide access to the elevator while helping overall facility circulation and reducing potential impacts to construction logistics and program access during construction. The necessary design adjustments resulted in an updated overall project estimate of \$4,153,956.

The project has been bid and the low bidder is within the revised budget estimate. The Phase 1 project is ready to award; however, due to new and potentially costly findings regarding deficiencies with the existing pool, the Phase 1 project award is on hold until an appropriate course of action has been determined.

### **Broomfield County Commons Cemetery: Master Plan Update - \$197,000**

The Broomfield County Commons Cemetery Master Plan was developed in 2002 and Phase 1 of the Master Plan was constructed in 2003. Sales of cremation areas and full burial plots with upright monuments have not followed national trends when the cemetery was designed. The cemetery currently does not have any full burial upright monument plots available for sale and there are a limited number of niche wall spaces available.

Staff and Vireo, the selected designer, have developed an updated master plan that better reflects the previous and anticipated usage. Staff has received a proposal to complete the construction documents for a small addition to the cemetery in 2017. The update is anticipated to be shared with Council this autumn.

### **Broomfield Trail 2 - Railroad Bridge to Industrial Lane to Midway Blvd. - \$2,802,300**

This project is to design and construct a pedestrian bridge over the train tracks to connect West Midway Boulevard to Industrial Lane near Hoyt Street. A conceptual design has been completed for the pedestrian bridge which includes an option of continuing the bridge over Industrial Lane connecting to the US 36 Underpass and to East Park, allowing for a grade separated connection from West Midway Blvd. to East Park. This project is being coordinated with the future project of a road bridge in the vicinity.

Staff is finalizing the details for the land acquisition between West Midway Blvd. and the train tracks. The next steps include:

- Finalizing a purchase agreement,
- Survey and plat of the parcels, and
- Preparation of design/build request for proposals.



## CommDev CIP Status Report, Continued.....

### **Dillon Road / West 144<sup>th</sup> Avenue Improvements - Phase 1- \$11,919,000**

In April 2012, Council reviewed cost estimates to complete Dillon Road/West 144th Avenue as a four-lane arterial through Broomfield. In August 2013, Council reviewed a traffic analysis and concurred with the recommended near-term and ultimate improvements. Council reviewed the project in the 2014 budget study session. It was requested staff add bicycle improvements to the first phase of improvements and that efforts be made to advance the project through the budgeting process.

In January 2015, Muller Engineering Company (Muller) was retained for a bikeway feasibility study and the Phase 1 design. The Phase 1 project would add auxiliary through lanes at the Sheridan Boulevard, Aspen Street, and South 120th Street intersections to reduce traffic congestion and enable the intersections to process more vehicles during morning and afternoon peak hours. Council appropriated an additional \$10M in project funding in the 2016 CIP budget. In October 2015, Council approved a consulting amendment with Muller to expand the original Phase 1 design scope to include the full road width west of Sheridan Boulevard to South 120th Street (Phase 2). The construction documents will combine Phases 1 and 2 and include the recommended bike path/lane improvements. The bikeway feasibility study was completed in late December 2015. Staff will review the possible bike path/lane alignments and coordinate design with Boulder County.

A neighborhood meeting was held March 9, 2016, for the Pony Estates residents and adjacent property owners on the south side of Dillon Road to review a conceptual plan of the roadway widening and provide comments. Staff will discuss the comments with the City Council and then schedule another meeting to discuss the next iteration of conceptual plans with the neighborhood. Staff has also met with the City of Lafayette regarding this project.

### **Lowell North Project (East Midway to West 136th) - \$5,119,525**

The Lowell North Project envisioned in 2006 would complete Lowell Boulevard from East Midway to West 136th Avenue. The specific new elements consist of constructing a two-lane arterial roadway section with bike lanes and center raised landscaped median; dedicated turn lanes at the intersections where warranted; replace or complete missing and sub-standard segments of curb, gutter and sidewalk; landscaping of the east side of the road between curb and sidewalk; bury any existing overhead utilities; and install stand-alone streetlights.

Beginning in March 2014, Merrick Engineering began the design process for this project. 100% Design plans were completed and reviewed by Broomfield in December 2015. In January, Merrick completed bid-ready plans and specifications for final cost estimating. Final right-of-way and easement needs have been identified; all of the right-of-way needed from private parties has been obtained through dedication. Additional right-of-way will be purchased and transferred from Open Space at the intersection of East Midway and Lowell.

The project conducted a neighborhood and public open house on June 9, 2016, to allow the public to see the complete one-mile plan for road and landscaping improvements and to ask questions and make written comment to the design and construction. The comments were reviewed and summarized. Modifications were made to the plans based on comments from residents. The whole project was presented to City Council for a pre-bid review July 12. The project is anticipated to be advertised in October for contractors to provide bids for the project. If an acceptable contractor and price is approved by Council, construction could begin in the fall of this year.

### **McKay Lake/Lambertson Farms Regional Park & Open Space Design - \$1,380,000**

The McKay Lake/Lambertson Farms Open Lands Master Plan area is located northeast of West 138th Avenue and Zuni Street. It is 43.8 acres of undeveloped McKay Landing and Lambertson Farms open lands parcels next to the City of Westminster's McKay Lake Open Space. The McKay Landing Subdivision paid \$1,381,083 as cash-in-lieu in 2006 as part of their development agreement for a regional park and open space adjacent to McKay Lake. A Master Plan Concept was developed, and the estimated cost for the proposed improvements to build out the entirety of the plan is \$4.68M. Based on direction provided at a June 2013 City Council Study Session, staff worked with OSTAC and PRAC, with additional feedback from the public and the City of Westminster, to develop an initial phase of the highest priority improvements that could be provided with the developer's \$1,381,083 contribution. A Phase 1 Plan concept and budget were reviewed by Council in February 2014. In March 2015, Council reviewed a summary of the committees' recommendations and public comments and directed the project to move forward to the design phase.

On August 25, 2015, Council approved a consulting agreement with Root House, LLC. Adaptive sports specialists, local youth, and bike park sub-consultants provided conceptual design input for the adventure



## CommDev CIP Status Report, Continued.....

playground, nature fitness, and bike park features. During the fall 2015 and spring 2016, a number of design development meetings were held with OSTAC, PRAC and the general public, including two events to allow community members of all ages to vote for their favorite features proposed by the consulting team. A public open house was held June 22, 2016, to review construction plans and receive written comments. A pre-project review will tentatively be presented to Council on September 27 prior to bidding the project for construction.

Natural materials such as logs, boulders, and soil are being imported from other project sites and stockpiled on the property. This will result in a substantial cost savings compared to purchasing the materials and enables funding of other site amenities shown in the Phase 1 Plan. The remainder of the improvements in the Master Plan Concept will be programmed into the Capital Improvement Program at Council's discretion. Any public discussion of the project will make it clear that funding for the entire plan is not appropriated and is subject to future consideration.

### **Tom Frost Reservoir Amenities and Landscaping - \$225,000**

This phased project is part of the Broomfield County Commons Management Plan. In 2013, the first phase completed construction of the Tom Frost Interpretive Shelter, which was partially funded by a Great Outdoors Colorado grant and is used for picnicking and nature education. The Phase 2 project would include a new 30-space parking lot in the open space on the west side of Lowell Boulevard, immediately west of Westlake Drive. This lot would replace the existing 10-space lot to be demolished with the widening of Lowell Boulevard north of Midway Boulevard. Native landscaping with three-foot tall berms and shrubs will screen the parking lot from the roadway. The project also includes a concrete trail connection to Lowell Boulevard and a portable toilet with a steel privacy enclosure. OSTAC reviewed concept drawings in June 2015 and approved a revised conceptual layout at their November 18<sup>th</sup> meeting. Development of construction plans is underway by Merrick & Company in conjunction with the design of the Lowell North Project (East Midway to West 136th). A pre-project review memorandum was presented to Council in conjunction with the Lowell North Project on July 12th. Construction of this project will be in conjunction with the Lowell North construction.

### **Waste Water Reclamation Facility: Laboratory Expansion - \$4.54M**

Burns & MacDonnell was retained to evaluate the laboratory and administration building for the Waste Water Reclamation Facility (WWRF). The laboratory and administration offices have not been expanded or remodeled since the WWRF was constructed in 1985. The programming study determined the laboratory and offices are significantly undersized for the personnel and operations of the facility. FEI Engineers, Inc. (FEI) was selected to complete the design. A kickoff meeting with laboratory and wastewater staff occurred in late September 2015 to begin the design.

Saunders Construction was recommended as the CM/GC for the project. Council approved the agreement for preconstruction services at the June 14 Council meeting and a final GMP at the August 9 meeting. Construction is anticipated to begin in early October 2016 and be completed mid-2017. Xcel Energy is working on relocation of electrical and gas lines. Broomfield and Saunders are working with Xcel Energy to establish a timeline and completion of a temporary access road so work can begin.

### **Summary**

The next update will be provided to City Council in October. Newsletters and updates are sent to residents adjacent to projects throughout the duration of the projects. For additional information on the CIP projects, visit the City and County of Broomfield's website, [www.broomfield.org](http://www.broomfield.org), or contact the City and County Manager's Office.