



# URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

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## BOARD OF DIRECTORS MEETING

Date: Monday, February 1, 2016

Time: 1:00 pm

Catered Lunch – 12:15 pm

How the District Works – 12:45 – 1:00 pm

1. **Call to Order and Pledge of Allegiance – 1:00 pm**
2. **Introductions**
  - a. Swearing in of New Board Members
  - b. Visitors/Guests/Staff
3. **Roll Call – Determination of Quorum**
4. **Board of Directors Reappointment**
  - a. Appointment of Officers
  - b. Reappointment of Mr. Dave Sellards to Board of Directors  
(Resolution No. 01, Series of 2016)
5. **Approval of December 17, 2015 Meeting Minutes** (*If there are no corrections “Minutes stand approved”, or with corrections “Minutes stand approved as corrected”*)
6. **Consent Agenda** (*Consent items are considered routine and will be approved by one motion unless a request is made by a Board Member for removal for further discussion or explanation.*)
  - a. Review of Cash Disbursements
  - b. Designation of Public Places for Posting of Meeting Notice  
(Resolution No. 02, Series of 2016)
  - c. Additional Authorization to Participate in Drainage and Flood Control Improvements on City Park Drainageway, Lower Reach, City of Westminster, Adams County  
(Resolution No. 03, Series of 2016)
  - d. Acceptance of Sand Creek Right Bank Tributaries Planning Study  
(Resolution No. 04, Series of 2016)
  - e. Acceptance of Airport Creek Planning Study  
(Resolution No. 05, Series of 2016)
7. **Vote on Approval of the Consent Agenda** (*Motion and roll call vote required*)
8. **Reports/Discussion**
  - a. Executive Director’s Report
9. **Other Business**
  - a. Urban Renewal Authority (URA) – Commissioner Appointment
10. **Announcements**
  - a. Next Regularly Scheduled Meeting: **Thursday, March 17, 2016**
  - b. Annual Seminar: **Tuesday, April 5, 2016**
11. **Adjournment**





**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT  
BOARD OF DIRECTORS**

**December 17, 2015**

**MINUTES**

**Members Present:**

Bruce Beckman, Mayor, City of Littleton  
Joyce Downing, Mayor, City of Northglenn  
Bob Fifer, Mayor Pro Tem, City of Arvada  
Stacie Gilmore, Council Member, City/County of Denver  
Mark Hunter, Engineer  
Paul Lopez, Council Member, City/County of Denver  
Ken Lucas, Mayor Pro Tem, City of Centennial  
Bonnie McNulty, Mayor, City of Edgewater  
Adam Paul, Mayor, City of Lakewood  
Renie Peterson, Mayor Pro Tem, City of Aurora  
Dave Sellards, Engineer  
Nancy Sharpe, Commissioner, Arapahoe County  
Greg Stokes, Mayor Pro Tem, City/County of Broomfield  
Libby Szabo, Commissioner, Jefferson County  
Heidi Williams, Mayor, City of Thornton  
Charles (Chaz) Tedesco, Commissioner, Adams County

**Members Absent:**

Herb Atchison, Mayor, City of Westminster  
Deb Gardner, Commissioner, Boulder County  
Suzanne Jones, Mayor, City of Boulder  
Paul Kashmann, Council Member, City/County/Denver  
Cary Kennedy, Deputy Mayor, City/County of Denver  
Jill Repella, Commissioner, Douglas County

**UDFCD Staff Present:**

Paul Hindman	Executive Director
Ed Krisor	Legal Counsel
Julia Bailey	Project Engineer, Information Services & Flood Warning
Dave Bennetts	Manager, Design, Construction, and Maintenance
Richard Borchardt	Project Manager, Design, Construction, and Maintenance
Barbara Chongtoua	Project Manager, Design, Construction, and Maintenance
Amelia Deleon	Human Resources and Administrative Services Manager
Laura Kroeger	Assistant Program Manager, Design, Construction, and Maintenance
Ken MacKenzie	Manager, Master Planning
David Mallory	Program Manager, Floodplain Management
Teresa Patterson	Project Manager, Floodplain Management
Holly Piza	Project Manager, Master Planning
David Skuodas	Project Manager, Design, Construction, and Maintenance
Kevin Stewart	Manager, Information Services & Flood Warning
Shea Thomas	Project Manager, Master Planning

**Others Present:**

None.

**How The District Works – Highlights From 2015**

In lieu of our standard How The District Works presentation, Mr. Hindman conducted a special presentation that highlighted the District's efforts in 2015.

- 1. Call to Order and Pledge of Allegiance – 1:00 p.m.**  
Councilman Lopez called the meeting to order at 1:05 p.m.

2. **Introductions**

a. **Visitors/Guests/Staff**

The following individuals were sworn in as new board members by Mr. Ed Krisor:

- Mayor Adam Paul, City of Lakewood
- Mayor Pro Tem Renie Peterson, City of Aurora

3. **Roll Call – Determination of Quorum**

Roll was called and a quorum was declared present.

a. **Awards/Recognitions**

Three board members were recognized for having perfect attendance in 2015:

1. Mayor Joyce Downing
2. Mayor Pro Tem Greg Stokes
3. Mayor Bonnie McNulty

Mr. Hindman thanked them for their dedicated service.

4. **Board Approval of November 19th, 2015 Meeting Minutes** (*If there are no corrections “Minutes stand approved”, or with corrections “Minutes stand approved as corrected”*)

Councilman Lopez asked if there were any corrections to the November 19th, 2015 minutes. Hearing none, the minutes were approved as submitted.

5. **Consent Agenda** (*Consent items are considered routine and will be approved by one motion unless a request is made by a Board Member for removal for further discussion or explanation.*)

a. **Review of Cash Disbursements**

Cash Disbursement list, dated November and December 2015, had been distributed to the Board for review. There being no further comments or questions, it was the consensus of the Board to include approval of the Cash Disbursements on the Consent Agenda.

b. **Adoption of Employee Policy Manual**  
**(Resolution No. 66, Series of 2015)**

At the March 17, 2015 Board Meeting, Mr. Hindman announced that the District’s Personnel Rules and Procedures Manual was in need of updates to reflect changes in benefit language, employee categorizations, and other changes. It was the Board’s decision to appoint a committee to assist in the review and approval of policy-related changes. The District worked closely with the Mountain States Employment Council (MSEC) to update the manual and upon MSEC’s review, a suggestion was made to divide the manual into two separate documents:

- **Employee Policy Manual:** a policy document that requires changes be made through Board approval and authorized by resolution.
- **Employee Handbook:** a reference document that supports the policies in the Employee Policy Manual and does not require Board approval.

The Employee Policy Committee (comprised of Mayor Pro Tem Stokes, Mayor McNulty, Mayor Atchison, and Mr. Sellards) reviewed all substantial changes to the manual and provided input which was taken into consideration. Resolution No. 66 amends and restates the District Personnel Rules and Procedures, dated 1977, and such amended and restated Employee Policy Manual dated January 2016 shall become effective January 01, 2016.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 66 on the Consent Agenda.

c. **Legislative Committee**  
**(Resolution No. 67, Series of 2015)**

Resolution No. 67 would establish the 2016 Legislative Committee for the District. The Legislative Committee was appointed at the November Board Meeting and is comprised of the following Board Members:

1. Commissioner Libby Szabo
2. Mayor Heidi Williams
3. Mr. David Sellards

The purpose of this committee shall include, but not be limited to; review and evaluate pending legislation, both state and federal; direct the District's lobbyists and/or Executive Director to advocate, oppose, or monitor, individual bills and to receive updates and advice on activities at the city and county level, which are applicable to the District.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 67 on the Consent Agenda.

**d. Authorization of Expenditures for Electronic Data Management (Resolution No. 68, Series of 2015)**

This is an on-going project that is updated regularly. More of the District's information continues to be available electronically and this resolution will allow further enhancement to the District's web site to increase the speed in retrieving information and allow other information to be added as it seems appropriate to the needs of the public.

The District has also recently implemented an electronic document management system (OnBase), to administer and retain electronic documents in compliance with the District's records retention policy. Resolution No. 68 authorizes \$100,000 for calendar year 2016 to further develop, enhance, and maintain capabilities to manage and disseminate electronic data and information.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 68 on the Consent Agenda.

**e. Authorization of 2016 Maintenance Expenditures to Assist Local Governments in Maintaining Existing Flood Warning Systems (Resolution No. 69, Series of 2015)**

The District implemented its first early flood detection network in 1978 by installing automated rain and stream gages in the Boulder Creek drainage basin. This network now extends into all seven District counties and includes over 200 stations. Data from the ALERT System is used extensively by local public works and emergency management agencies, our forecasters, the National Weather Service, local news media, and many others including the general public. ALERT is an acronym that stands for Automated Local Evaluation in Real-Time.

Measurements from gaging stations are relayed by radio to repeaters that forward the information to base station receivers. All ALERT transmitters are licensed by the FCC and use dedicated hydrologic frequencies assigned to the National Weather Service.

For the past 37 years, the District has assisted local governments with maintaining the ALERT System. Maintenance activities include:

- Activation of gages prior to the flood season that begins on April 15
- Preventative maintenance during the flood season
- Fall shutdown and removal of electronic equipment
- Winter storage of equipment
- Year-round maintenance of weather stations, repeaters, base stations, and stream gages

Resolution No. 69 will authorize \$480,000 from the Maintenance Fund for maintaining the ALERT system in 2016.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 69 on the Consent Agenda.

**f. Authorization to Establish an Areawide Meteorological Support Service to Local Governments (Resolution No. 70, Series of 2015)**

The District's flash flood prediction program was first established by the District in 1979 after the Big Thompson Canyon flash flood and has been serving the District for the past 36 consecutive years. It utilizes the services of a private meteorologist and operates in close partnership with the National Weather Service.

The professional forecast services provide notifications to local governments concerning potential flood threats. After storms develop, the meteorologists are engaged with interpreting radar and other weather data and keeping local governments informed as conditions change. The District's ALERT system is used

by the meteorologist along with radar and satellite data in making forecasts. The program also supports basin flood warning plans for Boulder Creek, Lena Gulch, and Bear Creek in Jefferson County, Ralston Creek in Arvada, Goldsmith/Harvard Gulch in Denver, Toll Gate Creek in Aurora, and Westerly Creek in Denver/Aurora. The program operates during the flood season from mid-April through mid-September.

Resolution No. 66 authorizes \$150,000 from the General Fund to provide weather forecasts and flood predictions to local governments in 2016. The resolution also authorizes an additional \$39,000 for acquiring radar and satellite data, and for other operating costs.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 70 on the Consent Agenda.

**g. Authorization of Funds to Complete Flood Hazard Area Delineation Studies, Letter of Map Change Studies, Risk MAP Studies, and Other Floodplain Management Activities (Resolution No. 71, Series of 2015)**

The resolution authorizes the total Floodplain Management Program budget of \$412,000 for 2016. The District typically receives requests from local governments throughout the year for Flood Hazard Area Delineation (FHAD) reports and Letter of Map Revision (LOMR) studies. No specific projects have been identified at this time. This resolution:

- Authorizes the Executive Director to spend up to \$412,000 for Floodplain Management Program projects as well as any funds received from cooperating entities, or the Federal Emergency Management Agency (FEMA), for the completion of FHADs, LOMR studies and/or DFIRM maintenance projects requested by one or more local governments within the District. Other activities include public notification to citizens of flood hazards, review of development projects, and other activities required to promote good floodplain management practices
- Requires the Executive Director to report the initiation of any such projects to the Board of Directors on a timely basis.
- Requires that the benefitting local governments regulate their floodplains in accordance with National Flood Insurance Program regulations at a minimum.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 71 on the Consent Agenda.

**h. Acceptance of Flood Hazard Area Delineation Report for Newlin Gulch (Resolution No. 72, Series of 2015)**

The Newlin Gulch watershed extends from the confluence with Cherry Creek in Parker, up to Rueter-Hess Reservoir, across I-25 to Castle Pines. The study area focuses on the 4.2 mile reach downstream of the reservoir. The previous Newlin Gulch FHAD was prepared in 1977 and the recent agreement with the Parker Water and Sanitation District is to provide dedicated flood storage in Rueter-Hess Reservoir dramatically reducing downstream discharges. Project sponsors include the Town of Parker and Douglas County. The Flood Hazard Area Delineation, Newlin Gulch report, dated November 2015, was completed by Muller Engineering Company.

Resolution No. 72 accepts the FHAD dated November 2015, and recommends that the Town of Parker and Douglas County adopt the report and regulate the 100-year floodplain defined in the report.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 72 on the Consent Agenda.

**i. Acceptance of Boulder Creek Planning Study (Resolution No. 73, Series of 2015)**

Resolution No. 36 of 2013 authorized a major drainageway planning study for Boulder Creek within the City of Boulder limits. Immediately afterwards, the floods of September 2013 caused significant damage along Boulder Creek downstream of the city limits in unincorporated Boulder County, Weld County, and the City of Longmont. The Colorado Water Conservation Board (CWCB) offered grants in 2014 for master plan development focusing on stream restoration for the waterways that were affected by the September 2013 storms, including Boulder Creek. Because of those funds, the District was able to lead the effort to develop one master plan for the entire stretch of Boulder Creek from Fourmile Canyon Creek in unincorporated Boulder County upstream of the City of Boulder to the confluence with St. Vrain Creek in Longmont. The team of ICON Engineering, DHM Design (landscape architect) and ERC (ecologist) was selected to perform the study. The study area covers approximately 24 miles of Boulder Creek.

This portion of Boulder Creek has been previously studied by the District as reported in the following documents:

- Boulder Creek Phase B Preliminary Design (URS, 1979)
- Boulder Creek – South Boulder Creek Confluence Area Major Drainageway Plan (Simons Li, 1984)

Improvements recommended in the study include:

- Increased capacity roadway crossings to prevent overtopping
- Protection of gravel pond inlets and outlets
- Natural stream design and stream restoration
- Replacement of grade control structures for aquatic and habitat passage
- Modification of irrigation ditch diversion structures for aquatic and habitat passage
- Reconfiguration of emergency access to hospital
- Acquisition of structures in high hazard zone
- Sediment maintenance through the City of Boulder

The total cost of improvements recommended in the study is around \$107 million, including contingencies. Resolution No. 73 accepts the report and recommends the improvements and practices in the report be used as a guide in future public works projects and in land development activities.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 73 on the Consent Agenda.

**j. Acceptance of Gregory Canyon Creek Planning Study (Resolution No. 74, Series of 2015)**

Resolution No. 36 of 2013 authorized a major drainageway planning study for Gregory Canyon Creek within the City of Boulder limits. This study was requested by Boulder in response to the September 2013 floods, which significantly impacted the Gregory Canyon Creek watershed. The engineering firm, CH2M, was selected to perform the hydraulic modeling, alternatives analysis, and conceptual design drawings and the City of Boulder prepared the report.

The study area covers approximately 1.8 miles of Gregory Canyon Creek, which has a watershed area of 1.9 square miles. Gregory Canyon Creek has been previously studied by the District as reported in the Boulder and Adjacent County Drainageways Major Drainageway Plan (Greenhorne & O'Mara, 1987).

Improvements recommended in the study include:

- Increased capacity roadway crossings to prevent overtopping in the 10-year storm event
- Channel improvements to convey the 10-year storm event
- Street improvements to convey excess flows
- Sediment traps for water quality improvements
- Piping an irrigation ditch to eliminate mingling of flows
- Sanitary sewer relocation
- Acquisition of properties in the high hazard zone

The total cost of improvements recommended in the study is around \$20 million, including contingencies. Resolution No. 74 accepts the report and recommends the improvements and practices in the report be used as a guide in future public works projects and in land development activities.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 74 on the Consent Agenda.

**k. Authorization for a Flood Hazard Area Delineation for Clear Creek (Resolution No. 75, Series of 2015)**

In 2013, UDFCD initiated an analysis of long term U.S. Geological Survey (USGS) stream gage records along Clear Creek in an effort to either validate or modify the design peak flow. The results of that analysis led to a Hydrology Conditional Letter of Map Revision which, once adopted by FEMA, will change the effective flow rates along the creek from Highway 6 to the South Platte River.

The revised hydrology will lead to a revised floodplain. A FHAD study will redraw the floodplain boundary and produce the deliverables needed to get the new boundary adopted by FEMA.

Previous floodplain mapping studies on Clear Creek include:

- “Flood Hazard Area Delineation Clear Creek (Adams County)” (Ayres, 2005)
- “Flood Hazard Area Delineation Clear Creek Jefferson County & City and County of Denver, Colorado” (ICON, 2007)
- “Flood Hazard Area Delineation Clear Creek Adams County & Jefferson County” (Gingery, 1979)

The engineering and mapping costs of the FHAD are estimated to be \$200,000. Adams County, Wheat Ridge, Jefferson County, Golden, Arvada, and Denver have committed to contributing \$39,000, \$26,000, \$23,000, \$8,000, \$2,000 and \$2,000 respectively. Resolution No. 75 authorizes the expenditure of the District’s share not to exceed \$100,000 plus interest earned in the project’s trust and agency account.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 75 on the Consent Agenda.

**i. Additional Authorization to Participate in Drainage and Flood Control Improvements on Drainageways A, A-2, 7, and 7-2, City of Louisville and City of Lafayette, Boulder County (Resolution No. 76, Series of 2015)**

This is a joint project with the City of Louisville and the City of Lafayette. The project includes improvements to add a 100-year capacity storm sewer system to alleviate flooding west of the railroad tracks and conveyance of the 100-year flood to Coal Creek. Easement and right-of-way acquisition will be included in the project costs.

The final design is now complete and we'd like to construct the improvements which will be managed by the City of Louisville. Construction is anticipated in 2016.

The District, the City of Louisville, and the City of Lafayette have identified \$3,468,437 in total project costs for the design, right-of-way acquisition, and partial funding of construction with the District’s participation being \$1,305,000. It is anticipated that additional funds may be required for this project in the future. Resolution No. 76 authorizes an additional \$250,000 of District funds to be matched by the City of Louisville and the City of Lafayette for the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 76 on the Consent Agenda.

**m. Additional Authorization to Participate in Drainage and Flood Control Improvements on Wonderland Creek from Iris to Foothills, City of Boulder (Resolution No. 77, Series of 2015)**

This is a joint project with the City of Boulder. The drainage elements of the project include installation of a new crossing at Iris Street, channel improvements, trail improvements, reduction in floodplain, flow separation from the Boulder and White Rock Ditch, and a new bridge at the Union Pacific Railroad (UPRR) crossing that includes a trail underpass.

The final design is underway with Muller Engineering. The District and the City of Boulder desire to construct the improvements which are being managed by the City of Boulder. Construction is anticipated to start in January 2016. The District and the City of Boulder have identified \$5,176,914 in total project costs with the District’s participation being \$2,588,457. It is anticipated that additional funds may be required for this project in the future. Resolution No. 77 authorizes an additional \$312,500 of District funds to be matched by the City of Boulder for the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 77 on the Consent Agenda.

**n. Additional Authorization to Participate in Drainage and Flood Control Improvements on Irondale Gulch, Kenwood-Dahlia Outfall, Adams County (Resolution No. 78, Series of 2015)**

This is a joint project with Adams County. This has been a multi-phase project spanning the better part of a decade. ICON Engineering designed the project under contract with the District. The drainage elements of the project include installation of a regional storm sewer system to relieve nuisance flooding from areas of unincorporated Adams County and Commerce City. Easement and right-of-way acquisition is included in the project costs. The final design is now complete and the District and Adams County desire to



construct the improvements which will be managed by Adams County. Construction is anticipated in 2016.

The District and Adams County have identified \$10,098,928 in total project costs with the District's participation being \$1,120,000. The previous authorizations (Resolution No. 35, Series of 2006; Resolution No. 11 Series of 2010; and Resolution No. 67, Series of 2012) totaled \$1,095,000 to fund design, acquisition of right-of-way, and construction. Resolution No. 78 authorizes an additional \$25,000 of District funds from the Special Revenue Fund - Construction to at least be matched by Adams County for the design, acquisition of right-of-way, and construction of the drainage elements of the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 78 on the Consent Agenda.

**o. Additional Authorization to Participate in Drainage and Flood Control Improvements on Cherry Creek at Arapahoe Road, Cities of Aurora and Centennial, Unincorporated Arapahoe County**

**(Resolution No. 79, Series of 2015)**

This is a joint project with the City of Aurora, the Cherry Creek Basin Water Quality Authority (CCBWQA), and the Southeast Metro Stormwater Authority (SEMSWA). Muller Engineering Company is designing the project which includes stabilization and capacity improvements on Cherry Creek. The second phase is now under construction and is scheduled for completion in summer, 2016. Easement and right-of-way acquisition is included in the project costs. The District has identified \$3,100,000 in project costs with the District's participation being \$1,280,000. It is anticipated that additional funds may be required for this project in the future.

Resolution No. 79 authorizes an additional \$50,000 of District funds to be matched by the City of Aurora, CCBWQA, and SEMSWA for the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 79 on the Consent Agenda.

**p. Additional Authorization to Participate in Drainage and Flood Control Improvements on Piney Creek at Caley Drive, City of Centennial, Unincorporated Arapahoe County**  
**(Resolution No. 80, Series of 2015)**

This is a joint project with SEMSWA and CCBWQA. CH2M and Olsson are designing the project under contract with the District. The drainage elements of the project include installation of channel restoration including bank protection and drop structures. Easement and right-of-way acquisition is included in the project costs. The first phase of construction is complete. Final design is in progress on two additional phases of work. The District, SEMSWA, and CCBWQA desire to finish the design and construct the improvements which will be managed by the District. Construction on these two phases is anticipated to start in early 2016 and run through 2018.

The District, SEMSWA, and CCBWQA have identified \$8,866,000 in total project costs with the District's participation being \$3,908,000. It is anticipated that additional funds may be required for this project in the future. Resolution No. 80 authorizes an additional \$550,000 of District funds to be matched by SEMSWA and CCBWQA for the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 80 on the Consent Agenda.

**q. Additional Authorization to Participate in Drainage and Flood Control Improvements on Coon Creek at Beers Sisters Lake Reservoir, Jefferson County**  
**(Resolution No. 81, Series of 2015)**

This is a joint project with Jefferson County and the Foothills Park and Recreation District (non-funding partner). The project will construct the improvements necessary to assure the 100-year flood routing capacity of Beers Sisters Lake Reservoir in accordance with the Major Drainageway Planning and FHAD Study. Construction Improvements are necessary to bring this facility into compliance with the current State Engineer's Office Rules and Regulations for Dam Safety and Dam Construction.

We already have the necessary easements and right-of-way for construction. The District will manage the construction of the improvements anticipated to begin in 2017. The District and Jefferson County have identified \$300,000 in additional project costs, with the District's participation being \$150,000. It is

anticipated that additional monies for construction will be added next year. Resolution No. 81 authorizes an additional \$150,000 of District funds to be matched by Jefferson County for the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 81 on the Consent Agenda.

**r. Additional Authorization to Participate in Drainage and Flood Control Improvements on North Dry Gulch from Lamar Street to Teller Street, City of Lakewood, Jefferson County (Resolution No. 82, Series of 2015)**

This is a joint project with the City of Lakewood. The District is currently administering the preliminary plan (OSP Update) being completed by Muller Engineering. Once this phase is complete, in July 2016, we will move on to final design. The preliminary plan involves laying out a 100-year drainageway system to remove several businesses from the floodplain. Ultimately, the existing underground system will be removed and flows placed overland in an enhanced local greenway similar to the upstream channel through the existing Wal-Mart redevelopment area. Easement and right-of-way acquisition are included in the project costs.

The District and the City of Lakewood have identified \$5,450,000 in total project costs with the District's participation being \$2,725,000. It is anticipated that additional monies for construction will be added next year. Resolution No. 82 authorizes an additional \$600,000 of District funds to be matched by the City of Lakewood for the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 82 on the Consent Agenda.

**6. Vote on Approval of the Consent Agenda (Motion and roll call vote required)**

It was the consensus of the Board that Resolutions No. 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, and 82, Series of 2015, and Review of Cash Disbursements dated November and December 2015 be placed on the Consent Agenda. Commissioner Tedesco moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

**7. Reports/Discussion**

The Executive Director's report (attached) was included in the meeting handouts. Mr. Hindman reviewed the report with the Board.

**8. Other Business**

**a. Appointment of Officers**

The Nominating Committee for 2016 officers (comprised of Mayor McNulty, Councilman Lopez, and Commissioner Szabo ) recommended the following slate of candidates for 2016 officers:

- Chair – Mayor Joyce Downing
- Vice Chair – Mayor Heidi Williams
- Treasurer – Mayor Bruce Beckman
- Secretary – Mayor Pro Tem Greg Stokes
- Member At Large – Mr. Dave Sellards

Councilman Lopez announced that there will be a vote in February to elect the 2016 Executive Committee. Mr. Hindman thanked the Nominating Committee for their service.

**9. Executive Session – Executive Committee Report of Director's Annual Review (Pursuant to 24-6-402(4)(f)(1) C.R.S.)**

It was moved by Council Member Lopez to go into Executive Session at 2:16 pm to review the findings of the Executive Director's Annual Review Committee. The Executive Session concluded at 2:25 pm. Following the session, the Board accepted the committee's recommendations regarding the Executive Director's yearly compensation.

**10. Announcements**

This month's board packet included the UDFCD Board Meeting calendar for 2016. The next regularly scheduled meeting is Monday, February 1, 2016.

**11. Adjournment**

Councilman Lopez adjourned the meeting at 2:30 p.m.

# Executive Director's Report

December 17, 2015

## ADMINISTRATIVE

Earlier this year, the District held its first ever staff retreat. As a result of that effort, working groups and committees were formed to tackle issues of interest that will help move the District forward. One of those issues that gained a lot of attention was succession planning. We have contacted Arrow Performance Group to help us with that endeavor. They have started gathering information and will conduct some manager interviews in January. The process will start with strategic planning and then fold into succession planning. The timeline should be about 10 weeks for strategic and another couple of months for the succession planning.

## PROGRAM

**Design, Construction, and Maintenance:** Recently, I invited COL Henderson, District Commander U.S. Army Corps of Engineers (USACE) - Omaha District, to visit us and the South Platte Working Group to discuss current and upcoming projects along the South Platte River from Chatfield Reservoir to the confluence with Bear Creek. The USACE is the permitting agency for waters of the US and administer a section of the river that they constructed many years ago. The meeting was very successful and helped to move along the construction timetable of many of our proposed projects. It's all about building good relationships and this meeting went a long way in achieving that goal. Many more face-to-face meetings will be planned both here and in Omaha to continue the exchange of information and foster cooperation between our two organizations.

## STATE AND FEDERAL GOVERNMENT ADVOCACY

**Federal:** The President, as well as the USACE, are pushing an effort to require organizations that construct projects with wetland impacts to mitigate the disruption by purchasing credits in private wetland banks. In Colorado, most of those banks are full and when there is room, they are very expensive. The District's preference is to mitigate the disruption of wetlands on site as part of the construction project. The majority of our projects (when completed) have either an equal or increased amount of wetlands in comparison to pre-construction. The few projects we aren't able to accomplish this goal are the only ones that we would seek mitigation at a wetland bank. The reason the federal government likes wetland banks is because they feel they are more sustainable than depending on a developer to maintain the wetlands. Also they feel the quality of the wetlands banks are better than what a developer could do. In our situation, the opposite is true on both accounts. We will maintain the wetlands through our maintenance program and we hire wetland experts for the design and construction who are the top in their field.

## PERSONAL

Christmas is a great time for family, new traditions, and old memories. I was rummaging through some photos this weekend and found this little treasure in a family album. That's me at my very first Christmas. I was 2 months old. My brother Larry was 1 ½ and my brother Dave was 3. Mom certainly had her hands full with the three of us but she and my father managed to make every Christmas a special one for our family.

Merry Christmas to all and may you have the best of memories on Christmas, both new and old.

Happy  
Holidays!





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 01, SERIES OF 2016  
(Reappointment of George [Dave] Sellards to Board of Directors)

WHEREAS, the term of George (Dave) Sellards as director of Urban Drainage and Flood Control ends, January 31, 2016; and

WHEREAS, Subsection 204(6)(a) of the Urban Drainage and Flood Control Act provides that “On or after the twenty-first day of January of each year but on or before the last day of January in such year, a director shall be appointed to the board by such board.”; and

WHEREAS, Subsection 204(6)(b) requires that “Each director appointed pursuant to this subsection (6) shall be a professional engineer licensed by the state, an elector of the District, and not an officer in the regular employment of any public body. Each such director shall remain so qualified during his or her term of office as director.”; and

WHEREAS, Subsection 204(9) provides “Except as otherwise provided in this article, any incumbent may be reappointed as director to the board.”; and

WHEREAS, Dave Sellards is a taxpaying elector of the District, is not an officer, or employed by any public body, is a licensed Colorado professional engineer holding license number 5632.

NOW, THEREFORE, BE IT RESOLVED THAT:

Dave Sellards is reappointed as a member of the Board of Directors of the Urban Drainage and Flood Control District, effective February 1, 2016 for a term ending on January 31, 2018.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 02, SERIES OF 2016  
(Designation of Public Place for Posting of Meeting Notices)

WHEREAS, the Colorado Open Meeting Law requires that notice of public meetings be posted in a designated public place within the boundaries of the local public body; and

WHEREAS, the public place or places shall be designated annually at the local public body's first regular meeting of each calendar year.

NOW, THEREFORE, BE IT RESOLVED THAT:

The Board of Directors hereby designates the window area adjacent to the main entrance to the District's office at 2480 West 26<sup>th</sup> Avenue, Suite 156-B, Denver, Colorado, as the public place for posting of meeting notices.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 03, SERIES OF 2016

(Additional Authorization to Participate in Drainage and Flood Control Improvements on City Park Drainageway, Lower Reach, City of Westminster, Adams County)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973) expressed an intent to assist public bodies which have heretofore enacted floodplain zoning measures; and

WHEREAS, the City and County of Broomfield and the City of Westminster have enacted floodplain regulations; and

WHEREAS, the City and County of Broomfield, the City of Westminster, and the District cooperated in the preparation of "City Park and 3207 Drainageways Outfall Systems Planning Study, Preliminary Design Report," dated June 2006; and

WHEREAS, the Board previously authorized \$150,000 for design, acquisition of right-of-way, and construction of improvements along City Park Drainageway, Lower Reach in the City of Westminster (Table 1 and Exhibit A); and

**Table 1  
City Park Drainageway, Lower Reach in the City of Westminster  
Previous Authorizations**

Resolution No.	Series of	District Authorization	Work Elements
13	2015	150,000	Preliminary Design
<b>TOTAL</b>		<b>\$150,000</b>	

WHEREAS, the City and County of Broomfield, the City of Westminster, and the District now desire to construct improvements along City Park Drainageway, Lower Reach in the City of Westminster; and

WHEREAS, the City and County of Broomfield and the City of Westminster have estimated the additional drainage project costs to be \$600,000 resulting in a revised total drainage project cost of \$900,000 (\$400,000 District; \$300,000 City and County of Broomfield; and \$200,000 City of Westminster); and

WHEREAS, the District’s additional participation being authorized by this resolution is \$250,000; and

WHEREAS, it is anticipated that additional funds may be required for this project in the future; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget (Resolution No. 47, Series of 2015) for calendar year 2016, subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along City Park Drainageway, Lower Reach in the City of Westminster; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 57, Series of 2015) in which the improvements along City Park Drainageway, Lower Reach in the City of Westminster were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 13, Series of 2015, Paragraph 3, is amended as follows:  
"The District's maximum contribution to the City Park Drainageway, Lower Reach in the City of Westminster project without prior approval of the Board shall be ~~\$150,000~~ **\$400,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City and County of Broomfield and the City of Westminster."
2. All other conditions and authorizations remain as stated in Resolution No. 13, Series of 2015.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 03, SERIES OF 2016

(Additional Authorization to Participate in Drainage and Flood Control Improvements on City Park Drainageway, Lower Reach, City of Westminster, Adams County)

**EXHIBIT A**





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 04, SERIES OF 2016  
(Acceptance of Sand Creek Right Bank Tributaries Planning Study)

WHEREAS, the Board cooperated with the City of Aurora in the preparation of an outfall systems planning study for the west bank areas tributary to Sand Creek between I-225 and E-470 (Resolution No. 70, Series of 2013); and

WHEREAS, the Executive Director executed an agreement for engineering services with the consulting firm Merrick & Company to conduct studies and prepare an outfall systems planning report for the west bank areas tributary to Sand Creek between I-225 and E-470; and

WHEREAS, the District reviewed the alternatives presented by Merrick & Company and concurred with the need to complete the study based on an alternative selected in cooperation with the City of Aurora; and

WHEREAS, Merrick & Company has completed the study and submitted to the District the report titled "Sand Creek (I-225 to E-470) Right Bank Tributaries Outfall Systems Plan," dated January 2016.

NOW, THEREFORE, BE IT RESOLVED THAT:

The Board of Directors of the Urban Drainage and Flood Control District hereby accepts the report titled "Sand Creek (I-225 to E-470) Right Bank Tributaries Outfall Systems Plan," dated January 2016, and recommends that all drainage, flood control and stormwater management infrastructure and practices recommended in the report be used to guide future drainage and flood control planning, land development, and design and construction of all such infrastructure within jurisdiction covered by said plan.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 04, SERIES OF 2016  
(Acceptance of Sand Creek Right Bank Tributaries Planning Study)

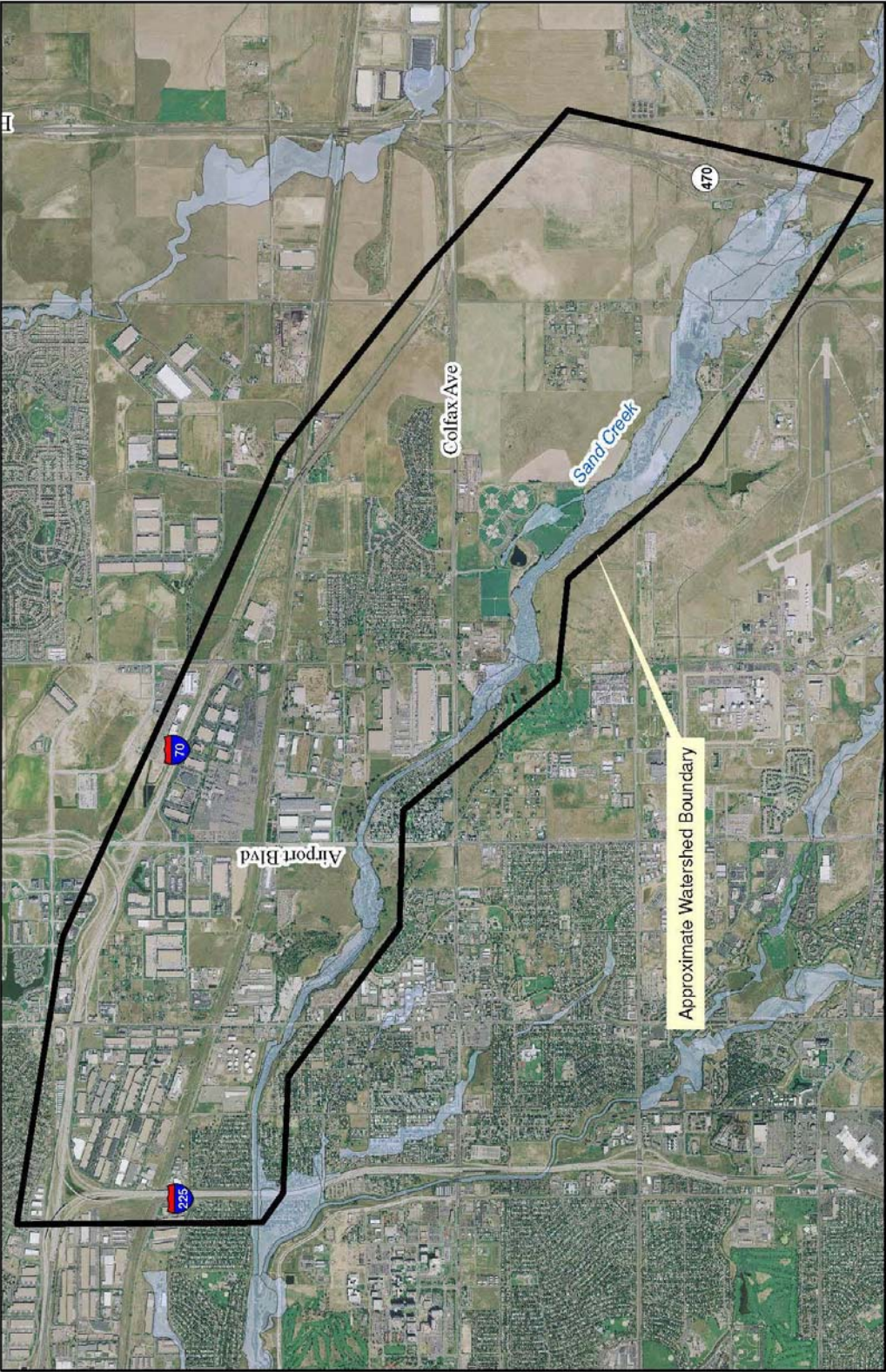
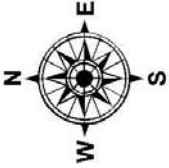


EXHIBIT A  
SAND CREEK RIGHT BANK TRIBUTARIES  
Outfall Systems Plan  
Approximate Study Limits  
December 2013



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 05, SERIES OF 2016  
(Acceptance of Airport Creek Planning Study)

WHEREAS, the Board cooperated with the City and County of Broomfield in the preparation of an alternatives analysis planning study for Airport Creek from US 36 to Main Street (Resolution No. 49, Series of 2014); and

WHEREAS, the Executive Director executed an agreement for engineering services with the consulting firm Olsson Associates to conduct studies and prepare an alternative analysis report for Airport Creek from US 36 to Main Street; and

WHEREAS, Olsson Associates has completed the study and submitted to the District the report titled "Airport Creek (US 36 to Main Street) Alternatives Analysis," dated January 2016.

NOW, THEREFORE, BE IT RESOLVED THAT:

The Board of Directors of the Urban Drainage and Flood Control District hereby accepts the report titled "Airport Creek (US 36 to Main Street) Alternatives Analysis," dated January 2016, and recommends that all drainage, flood control and stormwater management infrastructure and practices recommended in the report be used to guide future drainage and flood control planning, land development, and design and construction of all such infrastructure within jurisdiction covered by said plan.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 05, SERIES OF 2016  
(Acceptance of Airport Creek Planning Study)



EXHIBIT A  
Airport Creek Alternatives Analysis  
Approximate Study Limits  
January 2016