



# URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

---

## 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)

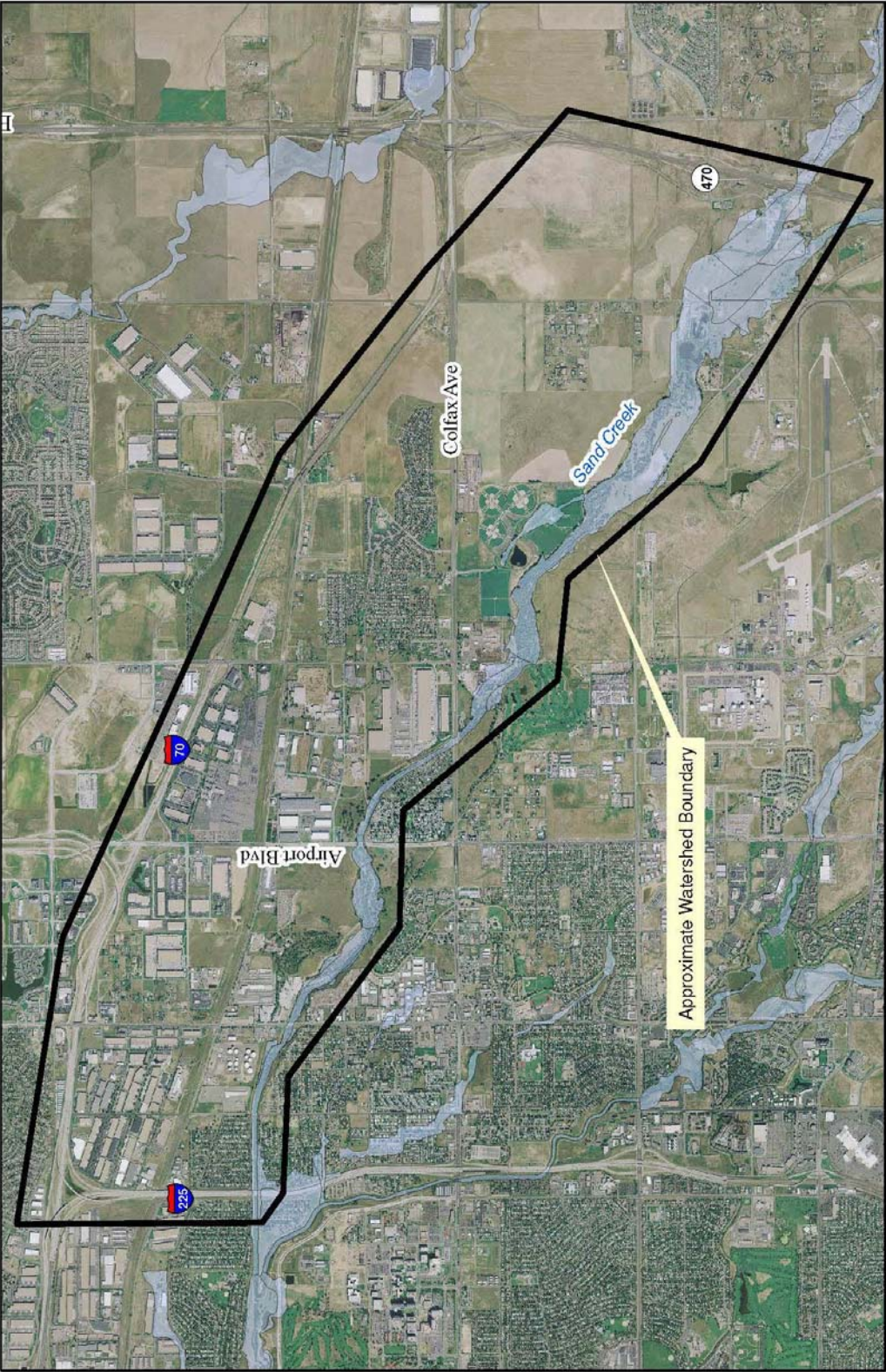
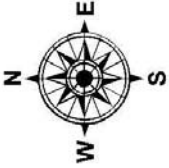


EXHIBIT A  
SAND CREEK RIGHT BANK TRIBUTARIES  
Outfall Systems Plan  
Approximate Study Limits  
December 2013



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





# URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

---

## BOARD OF DIRECTORS MEETING

Date: Thursday, March 17, 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
    - i. Don Mares, City and County of Denver
    - ii. Mayor Pro Tem Charles “C.J.” Whelan, City of Centennial
  - b. Visitors/Guests/Staff
  - c. Awards/Recognitions
3. **Roll Call – Determination of Quorum**
4. **Approval of February 1, 2016 Meeting Minutes** *(If there are no corrections “Minutes stand approved”, or with corrections “Minutes stand approved as corrected”)*
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
  - b. Authorization for a Planning Study for the City of Brighton  
(Resolution No. 06, Series of 2016)
  - c. Authorization for a Planning Study for Skunk Creek, Bluebell Canyon Creek, and Kings Gulch  
(Resolution No. 07, Series of 2016)
  - d. Authorization for a Planning Study of Second Creek  
(Resolution No. 08, Series of 2016)
  - e. Flood Risk Communication & Awareness  
(Resolution No. 09, Series of 2016)
  - f. Additional Authorization to Participate in Drainage and Flood Control Improvements on School Tributary Upstream of Colorado Boulevard, City of Thornton, Adams County  
(Resolution No. 10, Series of 2016)
  - g. Additional Authorization to Participate in Drainage and Flood Control Improvements on Niver Creek at Zuni Street, City of Federal Heights, Adams County  
(Resolution No. 11, Series of 2016)
  - h. Authorization to Participate in Drainage and Flood Control Improvements on Sanderson Gulch from Lipan Street to the South Platte River, City and County of Denver  
(Resolution No. 12, Series of 2016)
  - i. Additional Authorization to Participate in Drainage and Flood Control Improvements on Cherry Creek from Monaco Parkway to East Iliff Avenue, City and County of Denver  
(Resolution No. 13, Series of 2016)
  - j. Additional Authorization to Participate in Drainage and Flood Control Improvements on River North Outfall, City and County of Denver  
(Resolution No. 14, Series of 2016)
  - k. Authorization to Participate in Drainage and Flood Control Improvements on Goldsmith Gulch at Orchard Road, City of Greenwood Village, Arapahoe County  
(Resolution No. 15, Series of 2016)

- l. Authorization to Participate in Drainage and Flood Control Improvements on Newlin Gulch at Newlin Gulch Road, Town of Parker, Douglas County (Resolution No. 16, Series of 2016)
  - m. Additional Authorization to Participate in Drainage and Flood Control Improvements on Cherry Creek at Norton Farms, Town of Parker, Douglas County (Resolution No. 17, Series of 2016)
- 6. Vote on Approval of the Consent Agenda** (*Motion and roll call vote required*)
- 7. Reports/Discussion**
- a. Executive Director's Report
- 8. Executive Session**
- a. Pursuant to 24-6-402 (4)(b) C.R.S. to provide the Board legal advice in regard to the lawsuit filed against the District on February 26, 2016 entitled *Christe Meza v. H & L Concrete, Inc. d/b/a Naranjo Civil Constructors, Inc.; Urban Drainage and Flood Control District; Icon Engineering, Inc.; and City and county of Denver* and in regard to the claim filed against the District that is described in Edward J. Krisor's audit opinion letter to Clifton Larson Allen LLP dated February 15, 2016
  - b. Pursuant to 24-6-402 (4)(f)(1) and 3.5 C.R.S. in regard to the search for and hiring of an Executive Director for the District
- 9. Vote on Approval of Resolution No. 18, Series of 2016**
- a. Authorization to Enter Into Agreement for Search Support for Executive Director Position (Resolution No. 18, Series of 2016)
- 10. Other Business**
- 11. Announcements**
- a. Next Regularly Scheduled Meeting: **Thursday, April 21, 2016**
  - b. Annual Seminar: **Tuesday, April 5, 2016**
- 12. Adjournment**



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

**February 1, 2016**

**MINUTES**

**Members Present:**

Herb Atchison, Mayor, City of Westminster  
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 Kashmann, Council Member, City/County of Denver  
Cary Kennedy, Deputy Mayor, City/County of Denver  
Paul Lopez, Council Member, City/County of Denver  
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:**

Deb Gardner, Commissioner, Boulder County  
Suzanne Jones, Mayor, City of Boulder  
Ken Lucas, Mayor Pro Tem, City of Centennial  
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
Amelia Deleon	Human Resources and Administrative Services Manager
Terri Fead	Project Manager, Floodplain Management
Laura Kroeger	Assistant Program Manager, Design, Construction, and Maintenance
Doron Levary	Student Intern, Floodplain Management
Ken MacKenzie	Manager, Master Planning
David Mallory	Program Manager, Floodplain Management
Teresa Patterson	Project Manager, Floodplain Management
John Pflaum	Project Engineer, Floodplain Management
Holly Piza	Project Manager, Master Planning
Mike Sarmento	Construction Manager, Floodplain Management
Kevin Stewart	Manager, Information Services & Flood Warning
Shea Thomas	Project Manager, Master Planning

**Others Present:**

Mayor Joyce Jay, City of Wheat Ridge  
Mayor Pro Tem Mary Young, City of Boulder  
Jessica Davidson, Arrow Performance Group

**How the Districts Works – Maintenance Eligibility**

Mr. Hindman conducted a presentation entitled, “Maintenance Eligibility” for this month’s How the District Works presentation.

1. **Call to Order and Pledge of Allegiance – 1:00 p.m.**  
Mayor Downing called the meeting to order at 1:00 p.m.
2. **Introductions**
  - a. **Swearing in of New Board Members**  
Mayor Downing announced that we have two soon-to-be board members in attendance; Mayor Joyce Jay with the City of Wheat Ridge and Mayor Pro Tem Mary Young with the City of Boulder. Both will be sworn in at the March meeting as we are still waiting for the Executive Order from the Governor’s office to make their appointments official.
  - b. **Visitors/Guests/Staff**  
Paul introduced a new student, Doron Levary, who will be assisting our Floodplain Management Program.
3. **Roll Call – Determination of Quorum**  
Roll was called and a quorum was declared present.
4. **Board of Directors Reappointment**
  - a. **Reappointment of Mr. Dave Sellards to Board of Directors  
(Resolution No. 01, Series of 2016)**  
Mayor Downing stated that Mr. Dave Sellards is willing to be reappointed to the Board of Directors. Resolution No. 01, Series of 2016, would reappoint Mr. Sellards to a two-year term through January 31, 2018. The Board motioned and approved Resolution No. 01, Series of 2016.
  - b. **Appointment of Officers**  
The Nominating Committee for 2016 Officers (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

The board motioned and approved the recommended Executive Committee members. Mr. Hindman thanked the Nominating Committee for their service.
5. **Approval of December 17, 2015 Meeting Minutes** (*If there are no corrections “Minutes stand approved”, or with corrections “Minutes stand approved as corrected”*)  
Councilman Downing asked if there were any corrections to the December 17, 2015 minutes. Hearing none, the minutes were approved as submitted.
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**  
Cash Disbursement list, dated December 2015 and January 2016, 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. **Designation of Public Places for Posting of Meeting Notices  
(Resolution No. 02, Series of 2016)**  
It is required by the Colorado Open Meetings Law that the District annually designate the location for the posting of meeting notices. The District designates the window area adjacent to the main entrance of the District Office as the public place for posting of meeting notices. The District is located at 2480 W. 26th Avenue, Suite 156-B, Denver, Colorado 80211.  
  
There being no further comments or questions, it was the consensus of the Board to place Resolution No. 02 on the Consent Agenda.



**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)**

This is a joint project with the City and County of Broomfield and the City of Westminster. The City and County of Broomfield and the City of Westminster desire to construct improvements along City Park Drainageway in the City of Westminster. The project includes channel improvements upstream and downstream of a previous District project completed in 2009 at Lowell Boulevard to Big Dry Creek.

Easement and right-of-way acquisition will be included in the project costs. The project sponsors selected CH2M to perform the preliminary/final design. District will be administering the design and construction. Construction is anticipated in the 2017-2018 timeframe.

The District and the City and County of Broomfield have identified \$900,000 in total project costs with the District's participation being \$400,000. The previous authorization (Resolution No. 13, Series of 2015) to fund preliminary design was for \$150,000. Resolution No. 03 authorizes an additional \$250,000 of District funds from the Special Revenue Fund – Construction to be matched by the City and County of Broomfield and City of Westminster for the design, acquisition of right-of-way and construction of the drainage elements of the project. It is anticipated that additional funds will be needed in the future.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 03 on the Consent Agenda.

**d. Acceptance of Sand Creek Right Bank Tributaries Planning Study (Resolution No. 04, Series of 2016)**

Resolution No. 70, Series of 2013 authorized an outfall systems planning study for the west bank areas tributary to Sand Creek between I-225 and E-470, for which the District partnered with the City of Aurora. Merrick & Company was selected to perform the study.

The study area is approximately eight square miles with twelve different outfalls to Sand Creek. This area has never been comprehensively studied by UDFCD or the City of Aurora. The goal of the study is to determine outfall alignments and sizes required to convey the 100-yr storm event and to plan for future development.

Improvements recommended in the study include:

- Regional detention to reduce peak flows downstream so existing infrastructure will convey the 100-year storm.
- Open channels to convey flow from future development areas to the creek.
- Increased capacity storm sewer systems to convey the 100-year storm, rather than the minor storm for which most are currently sized.
- Property acquisition for future regional detention ponds and for expanding existing ponds.
- Drop structures to prevent vertical degradation.
- Regional water quality to provide treatment of runoff from future development before it enters the creek.
- Consideration for future major roadways and pedestrian corridors.

The total cost of improvements recommended in the study is around \$84 million, including contingencies. Resolution No. 04 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. 04 on the Consent Agenda.

**e. Acceptance of Airport Creek Planning Study (Resolution No. 05, Series of 2016)**

Resolution No. 49, Series of 2014 authorized an alternatives analysis study for drainage issues along Airport Creek between the newly improved US 36 and Main Street. The District partnered with the City and County of Broomfield to fund the study and Olsson Associates was selected to perform it.

The goal of the study was to reduce the future conditions 100-year floodplain while maintaining a natural channel, serving as an amenity to surrounding development. Three outfall alternatives were considered:

- Structure improvements alternative looked at increasing the existing culvert under the Burlington Northern Santa Fe (BNSF) railroad.
- Channel improvements alternative considered widening the channel to convey the full flow and filling in the overbanks.
- Detention alternative entertained formalized detention upstream of the railroad in order to make the existing culvert work.

The recommended plan is channel improvements with fill in the overbanks. The low flow channel will remain untouched, preserving the existing natural habitat. The total cost of improvements recommended in the study is just under \$800,000. Resolution No. 05 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. 05 on the Consent Agenda.

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

It was the consensus of the Board that Resolutions No. 02, 03, 04, and 05, Series of 2016, and Review of Cash Disbursements dated December 2015 and January 2016 be placed on the Consent Agenda. Commissioner Tedesco moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

**8. Reports/Discussion**

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

**9. Other Business**

**a. Urban Renewal Authority (URA) – Commissioner Appointment**

One of the changes in the Urban Renewal Fairness Act (passed in 2015) was to enhance the participation of the property taxing entities in the urban renewal process. Prior to this law, the Urban Renewal Authority (URA) was comprised of 5 to 11 commissioners, all appointed by the Mayor. The URFA increased the number to have 13 commissioners, not fewer than 10 of whom are to be appointed by the Mayor. One commissioner must also be a board member of a special district whose property taxes are subject to allocations under an urban renewal plan.

Mr. Hindman stated that Tracy Huggins with the Denver Urban Renewal Authority (DURA) requested a meeting with Councilman Lopez and Mr. Hindman to seek District participation with DURA. Tracy followed up with a formal request. Mr. Hindman would like the Board's approval to draft a response to DURA, respectfully declining their invitation. Mr. Hindman also requested the Board's approval to respond similarly to future requests from other URA's.

After some discussion, it was agreed that there are other special districts that would be better suited to serve on a URA. It was agreed that the District will draft a response, declining DURA's invitation, and will use that letter as a template for future requests.

**10. Announcements**

**a. Next Board Meeting: Thursday, March 17, 2016**

The next regularly scheduled Board meeting will take place on Thursday, March 17, 2016.

**b. Annual Seminar: Tuesday, April 5, 2016**

The annual seminar will take place on Tuesday, April 5, 2016.

Mr. MacKenzie announced that the UDFCD Annual Seminar will take place on April 5 at the Omni Interlocking Hotel in Broomfield. All Board Members are encouraged to attend, free of charge. Additional information will be made available to the Board as soon as it is available.

**11. Adjournment**

Mayor Downing adjourned the meeting at 1:53 p.m.

# Executive Director's Report

February 1, 2016

## ADMINISTRATIVE

Our "Parking Wars" saga continues here at the Diamond Hill office complex. Last year, building management fired the parking lot company and hired a new one. While the new parking representative is much more accommodating; that won't help the space issues we'll be facing this spring, when all four buildings are expected to be at capacity. When you visit us on Board day, you may park in the west lot by putting the parking permit we gave you on the dashboard of your car. You may also park between the buildings without a parking permit for four (4) hours (Mayor Downing promises no meeting this year will go beyond that). If you ever have any issues with parking, please let me or Amelia know.

## PROGRAM

**Design, Construction, and Maintenance:** The new year has started and many contracts have already been signed for design and construction projects throughout the District. Some people may think that the holidays, and the first part of the year, would be a slow time for us but on the contrary, we're quite busy. That's because the runoff in the streams are way down and construction is a lot easier without high flows. It's cold work though.

**Master Planning:** Some of you may have read the *Denver Post* article about the Platte to Park Hill Outfall Systems Plan (OSP). The headline read "Cole residents tell Denver planners not to take homes for drainage plan." This is a large watershed in Denver that has very little infrastructure for large floods. The OSP is looking at options to minimize flooding in this watershed. We have had many meetings both with the project team and with the public, and there will be several more to come. The article focuses in on an option Denver is considering for a detention basin, located either in the existing golf course or in an area where some properties would need to be purchased. This is common for many of our master plans where we are trying to retrofit drainage infrastructure into a developed area that was built prior to current floodplain management practices. Most of this neighborhood was constructed prior to WWII. As with all masterplans, the local government (in this case, Denver) will decide the final options to be published in the approved plan.

**Finance:** Our annual audit is currently underway and the Board can expect to see a draft report in March. As you may recall, last June we migrated to a new accounting software system. I'm happy to announce that the new system is making for a much smoother audit because the data is easily accessible.

## STATE AND FEDERAL GOVERNMENT ADVOCACY

**State and Local Governments:** A bill is being introduced in the State legislature that would require governments that receive a request under the Colorado Open Records Act (CORA) to provide the information in its original electronic format and/or in a format that is desirable by the requestor. I have consulted with our Legislative Committee and we will be opposing this bill in its current form. With the committee's concurrence, I have replied to CML's to assist them in lobbying against this bill.

**Federal:** The Corps of Engineers from the Omaha District, which is the division that oversees the Denver Metro area, has determined that the Cherry Creek Dam is not adequate for the maximum flood they can predict. That flood is called the Probable Maximum Flood or PMF. This is well above the 100-year flood. To rectify this issue, they have many options they are looking at but one of them is to change the operation of the outlet works which would make the flow coming out of the dam more than twice what is currently allowed. This is only for storms greater than the 100-year flood so we are not opposed to the change. The maximum outlet would be 13,000 cfs instead of the current 5,000 cfs.

## PERSONAL

As people get older they tend to talk more about their health. That's because more and more body parts start to hurt. With that said, I had my yearly physical last month and my iron was low. Apparently, a normal reading is between 150 and 200, and I'm at 4! My doctor asked me if I was tired and I replied "isn't everyone?" They did another test for celiac disease and an average person is supposed to be between 1 and 4. I was at 100. Wow, I don't feel that bad but now I'm on a gluten free diet. When am I supposed to feel better? Can't wait to hear what is wrong with me next.



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 06, SERIES OF 2016  
(Authorization for a Planning Study for the City of Brighton)

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 of Brighton have enacted floodplain regulations; and

WHEREAS, the Board has previously established a Work Program for 2016 (Resolution No. 56, Series of 2015) which includes master planning; and

WHEREAS, the Board has previously cooperated with the City of Brighton to prepare the “Brighton Watershed Tributary to South Platte River Outfall Systems Planning” report (WRC Engineering, 2006); and

WHEREAS, the City of Brighton has expressed a desire to participate in a study leading to an Outfall Systems Plan; and

WHEREAS, the Board wishes to cooperate with the City of Brighton in the identification of solutions to stormwater drainage and flood control management problems (Exhibit A); and

WHEREAS, the cost of engineering and mapping services for this study is estimated to be \$195,000 and is expected to be divided among participating entities as follows:

	<u>Planning Study</u>
UDFCD	\$45,000
<u>Brighton</u>	<u>\$150,000</u>
TOTAL	\$195,000

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute an agreement with the City of Brighton to fund the required engineering and mapping services for the City of Brighton planning study.
2. The Executive Director is authorized to procure any needed mapping and to execute a contract with a qualified engineer(s) for required engineering services.
3. The expenditures for the consulting and mapping services are estimated at \$195,000 and the District’s share of total costs shall not exceed \$45,000 plus interest earned on monies deposited in the project fund which contribution for the planning portion of this project shall be matched by the City of Brighton.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 06, SERIES OF 2016  
(Authorization for a Planning Study for the City of Brighton)

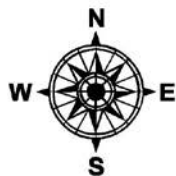
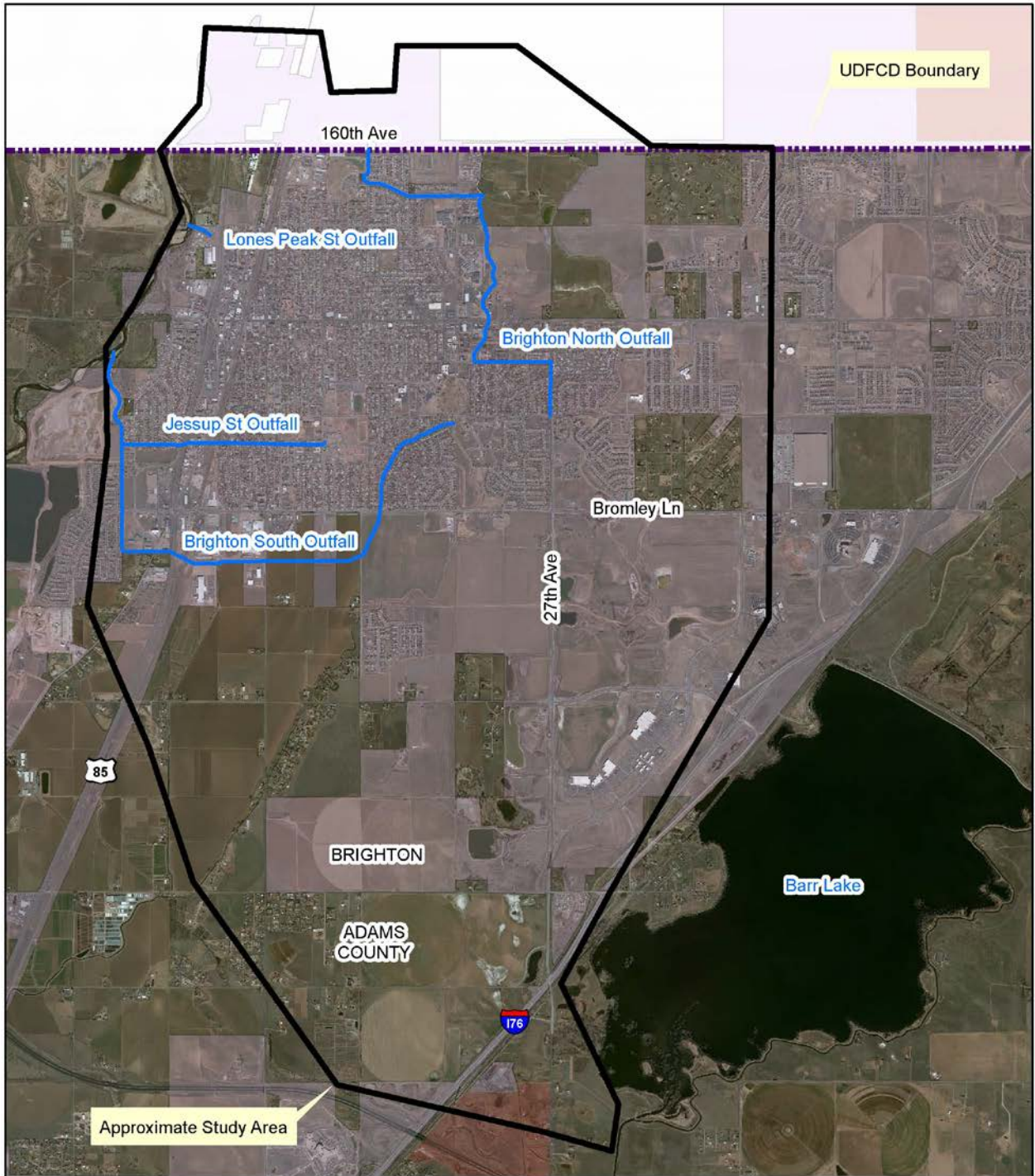


EXHIBIT A  
City of Brighton OSP  
Approximate Study Limits  
January 2016





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 07, SERIES OF 2016

(Authorization for a Planning Study for Skunk Creek, Bluebell Canyon Creek, and Kings Gulch)

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 of Boulder has enacted floodplain regulations; and

WHEREAS, the Board has previously established a Work Program for 2016 (Resolution No. 56, Series of 2015) which includes master planning; and

WHEREAS, the Board has previously cooperated with the City of Boulder to prepare the “Boulder and Adjacent County Drainageways Major Drainageway Planning” report (Greenhorne & O’Mara, 1987); and

WHEREAS, the City of Boulder has expressed a desire to participate in a study leading to a Major Drainageway Plan for Skunk Creek, Bluebell Canyon Creek and Kings Gulch; and

WHEREAS, the Board wishes to cooperate with the City of Boulder in the identification of solutions to stormwater drainage and flood control management problems for Skunk Creek, Bluebell Canyon Creek, and Kings Gulch (Exhibit A); and

WHEREAS, the cost of engineering and mapping services for this study is estimated to be at \$100,000 and is expected to be divided among participating entities as follows:

	<u>Planning Study</u>
UDFCD	\$50,000
<u>Boulder</u>	<u>\$50,000</u>
TOTAL	\$100,000

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute an agreement with the City of Boulder to fund the required engineering and mapping services for the Skunk Creek, Bluebell Canyon Creek, and Kings Gulch planning study.
2. The Executive Director is authorized to procure any needed mapping and to execute a contract with a qualified engineer(s) for required engineering services.
3. The expenditures for the consulting and mapping services are estimated over \$100,000 and the District’s share of total costs shall not exceed \$50,000 plus interest earned on monies deposited in the project fund which contribution for the planning portion of this project shall be matched by the City of Boulder.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 07, SERIES OF 2016

(Authorization for a Planning Study for Skunk Creek, Bluebell Canyon Creek, and Kings Gulch)

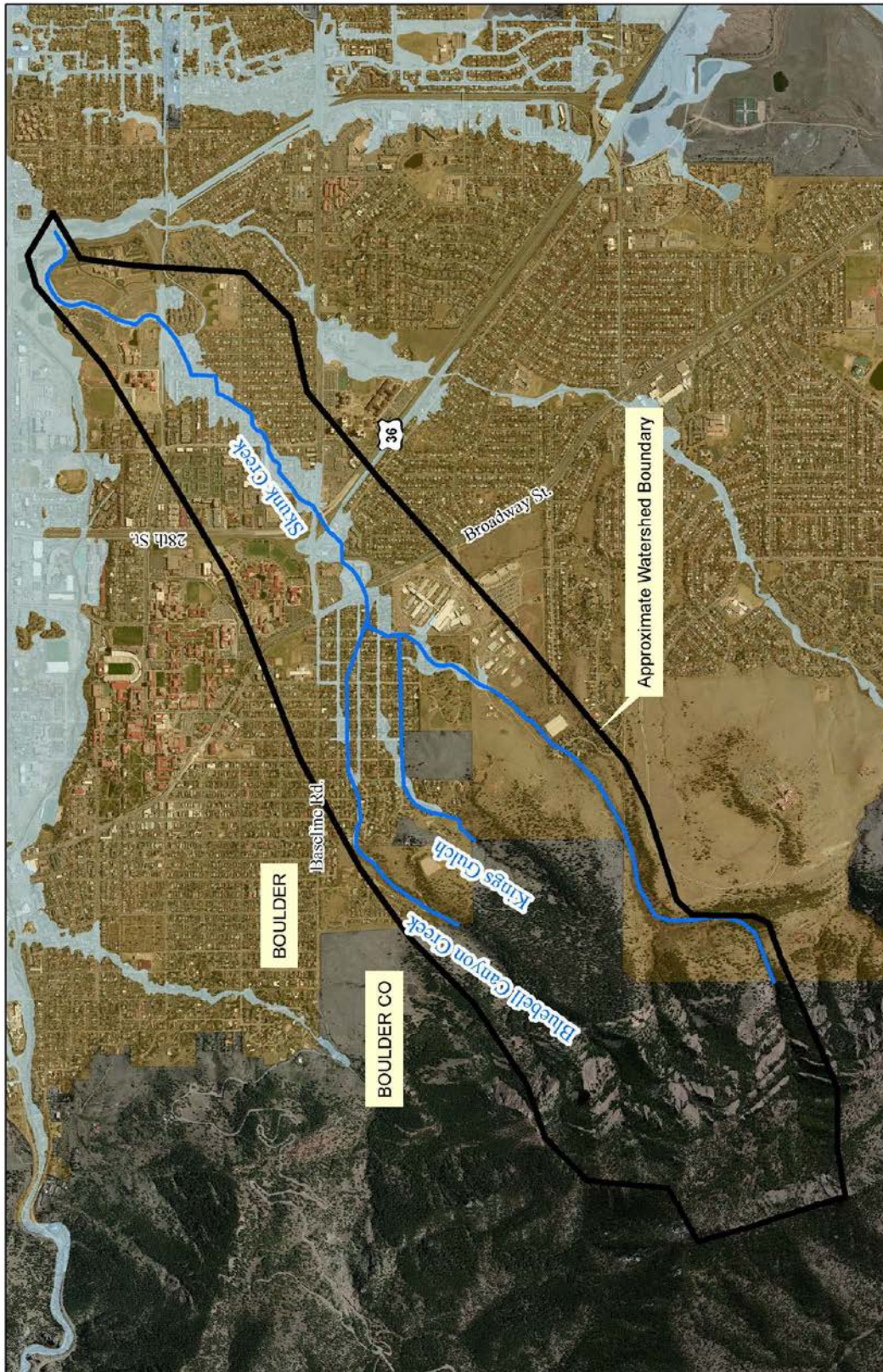
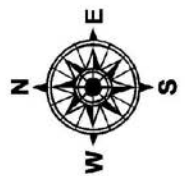


EXHIBIT A  
Skunk Creek, Bluebell Canyon Creek, Kings Gulch  
Mitigation Plan  
March 2016





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 08, SERIES OF 2016  
(Authorization for a Planning Study of Second Creek)

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, Adams County, Commerce City, the City of Brighton, the City and County of Denver, and the City of Aurora have enacted floodplain regulations; and

WHEREAS, the Board has previously established a Work Program for 2016 (Resolution No. 56, Series of 2015) which includes master planning; and

WHEREAS, the Board previously cooperated with Adams County, Commerce City, and the City of Brighton to prepare the “Second Creek (Downstream of DIA) and DFA 0053 Watersheds Outfall Systems Planning Study Update” report (Kiowa Engineering, 2004) and later with the City of Aurora to prepare the “Second Creek (Upstream of Denver International Airport) Major Drainageway Plan” report (Olsson Associates, 2011);

WHEREAS, Adams County, Commerce City, the City of Brighton, the City and County of Denver, and the City of Aurora have expressed a desire to participate in a study leading to a Major Drainageway Plan and an updated Flood Hazard Area Delineation (FHAD) for Second Creek; and

WHEREAS, the Board wishes to cooperate with Adams County, Commerce City, the City of Brighton, the City and County of Denver, and the City of Aurora in the identification of solutions to stormwater drainage and flood control management problems for Second Creek (Exhibit A); and

WHEREAS, the cost of engineering and mapping services for master planning is estimated to be \$265,000 and is expected to be divided among participating entities as follows:

	<u>Planning Study</u>	<u>FHAD</u>
UDFCD	\$100,000	\$50,000
Adams County	\$20,000	\$0
Commerce City	\$35,000	\$0
Brighton	\$10,000	\$0
Denver	\$20,000	\$0
<u>Aurora</u>	<u>\$30,000</u>	<u>\$0</u>
TOTAL	\$215,000	\$50,000

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute an agreement with Adams County, Commerce City, the City of Brighton, the City and County of Denver, and the City of Aurora to fund the required engineering and mapping services for the Second Creek planning study and FHAD.
2. The Executive Director is authorized to procure any needed mapping and to execute a contract with a qualified engineer(s) for required engineering services.
3. The expenditures for the consulting and mapping services are estimated at \$265,000 and the District’s share of total costs shall not exceed \$150,000 plus interest earned on monies deposited in the project fund which contribution for the planning portion of this project shall be matched by Adams County, Commerce City, the City of Brighton, the City and County of Denver, and the City of Aurora.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 08, SERIES OF 2016  
(Authorization for a Planning Study of Second Creek)

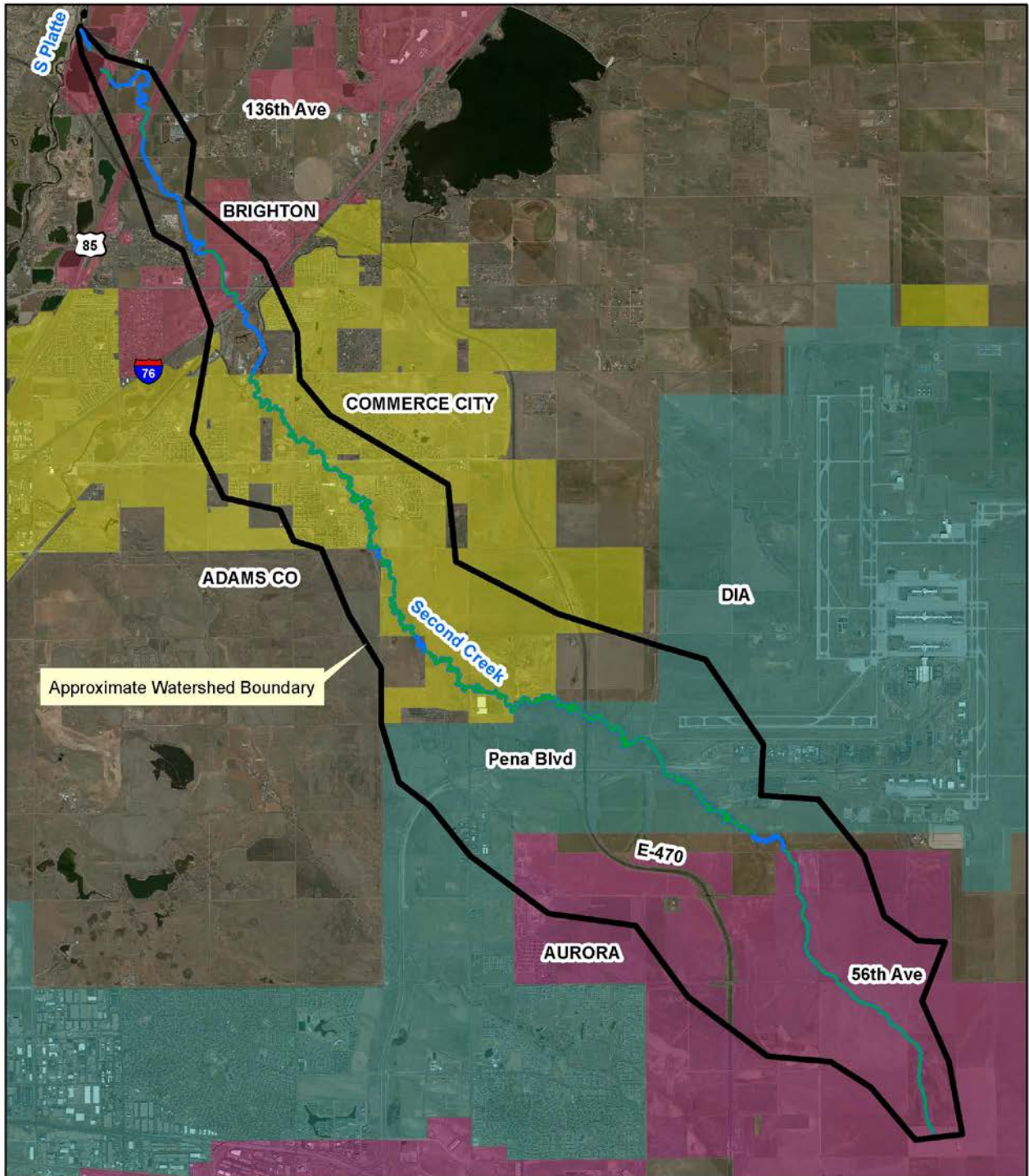
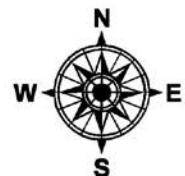


EXHIBIT A  
Second Creek MDP & FHAD  
Approximate Watershed Limits  
February 2016







THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 09, SERIES OF 2016  
(Flood Risk Communication & Awareness)

WHEREAS, the approaching months of April through September are the months when most floods occur in the Denver area; and

WHEREAS, many citizens within the District live and/or work in areas subject to flooding.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board of Directors of the Urban Drainage and Flood Control District recommends that citizens of the District investigate the possibility of flood hazards existing at their place of residence or work.
2. The Board further recommends the following actions to those citizens who find they do live or work in a flood hazard area:
  - a) Know the extent and nature of the flood hazard.
  - b) Plan escape routes to high ground.
  - c) Buy flood insurance for their own structures and contents.
  - d) During times of heavy rainfall, watch the level of water in the drainageway and stay tuned to radio or television for possible flood warnings.
  - e) Evacuate the flood hazard area in times of impending flood.
3. The Board of Directors of the Urban Drainage and Flood Control District recommends that all local governments meet with their local emergency managers and alert them to the possible flood hazards in their area of responsibility and work out possible actions to be taken in the event of a flood. Communities are also encouraged to conduct flood response and recovery exercises.
4. The Board also reminds local governments of several significant aspects of the National Flood Insurance Program (NFIP): a) the amount of federal disaster assistance which is available for damaged public structures that are under-insured has been reduced, and local governments are encouraged to review their flood insurance coverages; b) federal disaster assistance will be reduced from a cost-share of 75-25 for facilities that are damaged more than once in a ten-year period by the same type of event and the facility owner has failed to implement appropriate mitigation measures; c) communities which have suffered repetitive losses are encouraged to develop a strategy that addresses those repetitive loss structures; and d) the NFIP regulations require that a structure which undergoes an improvement valued at 50% or greater of its value must be in conformance to NFIP floodplain regulations regardless of the cause of the improvements.
5. Local governments should be aware of funding which is available through FEMA for pre- and post-disaster mitigation planning and projects.
6. The District will send an Official Notice to the “occupant” of all addresses located in or adjacent to identified 100-year floodplains within the boundaries of the District.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 10, SERIES OF 2016

(Additional Authorization to Participate in Drainage and Flood Control Improvements on School Tributary Upstream of Colorado Boulevard, City of Thornton, 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 of Thornton has enacted floodplain regulations; and

WHEREAS, the City of Thornton and the District cooperated in the preparation of "Basin 4100 and Direct Flow Area 0056 Outfall Systems Planning Study Preliminary Design Report," dated July 2002; and

WHEREAS, the Board previously authorized \$100,000 for design, acquisition of right-of-way, and construction of improvements along School Tributary Upstream of Colorado Boulevard (Table 1 and Exhibit A); and

Table 1
(School Tributary Upstream of Colorado Boulevard)
Previous Authorizations

Table with 4 columns: Resolution No., Series of, District Authorization, Work Elements. Row 1: 12, 2015, \$100,000, Design. Row 2: TOTAL, \$100,000.

WHEREAS, the City of Thornton and the District now desire to construct improvements along School Tributary Upstream of Colorado Boulevard; and

WHEREAS, the City of Thornton has estimated the additional drainage project costs to be \$650,000 resulting in a revised total drainage project cost of \$850,000 (\$425,000 District; \$425,000 City of Thornton); and

WHEREAS, the District's additional participation being authorized by this resolution is \$325,000; 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 School Tributary Upstream of Colorado Boulevard; 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 School Tributary Upstream of Colorado Boulevard were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

- 1. Resolution No. 12, Series of 2015, Paragraph 3, is amended as follows: "The District's maximum contribution to the School Tributary Upstream of Colorado Boulevard project without prior approval of the Board shall be \$100,000 \$425,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Thornton."
2. All other conditions and authorizations remain as stated in Resolution No. 12, Series of 2015.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 10, SERIES OF 2016

(Authorization to Participate in Drainage and Flood Control Improvements  
on School Tributary Upstream of Colorado Boulevard, City of Thornton, Adams County)

**EXHIBIT A**





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 11, SERIES OF 2016

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Niver Creek at Zuni Street, City of Federal Heights, 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 of Federal Heights has enacted floodplain regulations; and

WHEREAS, the City of Federal Heights and the District cooperated in the preparation of "Extension of Niver Creek Major Drainageway Planning Study in Federal Heights Preliminary Design Report," dated December 2000; and

WHEREAS, the Board previously authorized \$30,000 for design, acquisition of right-of-way, and construction of improvements along Niver Creek at Zuni Street (Table 1 and Exhibit A); and

Table 1  
(Niver Creek at Zuni Street)  
Previous Authorizations

Resolution No.	Series of	District Authorization	Work Elements
52	2015	\$30,000	Design
<b>TOTAL</b>		<b>\$30,000</b>	

WHEREAS, the City of Federal Heights and the District now desire to construct improvements along Niver Creek at Zuni Street; and

WHEREAS, the City of Federal Heights has estimated the additional drainage project costs to be \$700,000 resulting in a revised total drainage project cost of \$760,000 (\$380,000 District; \$380,000 City of Federal Heights); and

WHEREAS, the District's additional participation being authorized by this resolution is \$350,000; 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 Niver Creek at Zuni Street; 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 Niver Creek at Zuni Street were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 52, Series of 2015, Paragraph 3, is amended as follows:  
"The District's maximum contribution to the Niver Creek at Zuni Street project without prior approval of the Board shall be ~~\$30,000~~ **\$380,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Federal Heights."
2. All other conditions and authorizations remain as stated in Resolution No. 52, Series of 2015.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 11, SERIES OF 2016

(Authorization to Participate in Drainage and Flood Control Improvements on Niver Creek at Zuni Street, City of Federal Heights, Adams County)

**EXHIBIT A**





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 12, SERIES OF 2016

(Authorization to Participate in Drainage and Flood Control Improvements  
on Sanderson Gulch from Lipan Street to the South Platte River, City and County of Denver)

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 Denver has enacted floodplain regulations; and

WHEREAS, the City and County of Denver and the District cooperated in the preparation of "Sanderson Gulch Master Drainageway Plan," dated September 2013; and

WHEREAS, the City and County of Denver has requested District participation in the design, acquisition of right-of-way, and construction of improvements along Sanderson Gulch from Lipan Street to the South Platte River (Exhibit A); and

WHEREAS, the City and County of Denver has estimated the total drainage project costs to be \$1,600,000; and

WHEREAS, the District's participation being authorized by this resolution is \$800,000; 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 design, acquisition of right-of-way, and construction of drainage and flood control improvements along Sanderson Gulch from Lipan Street to the South Platte River; 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 Sanderson Gulch from Lipan Street to the South Platte River were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with the City and County of Denver for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Sanderson Gulch from Lipan Street to the South Platte River.
2. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, qualified contractors, and others as necessary for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Sanderson Gulch from Lipan Street to the South Platte River.
3. The District's maximum contribution to the Sanderson Gulch from Lipan Street to the South Platte River project, without prior approval of the Board, shall be \$800,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City and County of Denver.
4. Such approval for expenditure of District funds is contingent upon the City and County of Denver agreeing to regulate and control any defined floodplain in the Sanderson Gulch from Lipan Street to the South Platte River project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 12, SERIES OF 2016

(Authorization to Participate in Drainage and Flood Control Improvements on Sanderson Gulch from Lipan Street to the South Platte River, City and County of Denver)

EXHIBIT A







THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 13, SERIES OF 2016

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Cherry Creek from Monaco Parkway to East Iliff Avenue, City and County of Denver)

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 Denver has enacted floodplain regulations; and

WHEREAS, the City and County of Denver and the District cooperated in the preparation of "Cherry Creek Stabilization Plan Update," dated December 2011; and

WHEREAS, Arapahoe County has assigned and transferred to the Southeast Metro Stormwater Authority (SEMSWA) its rights and obligation for the Cherry Creek from Monaco Parkway to East Iliff Avenue project; and

WHEREAS, the Board previously authorized \$1,100,000 for design, acquisition of right-of-way, and construction of improvements along Cherry Creek from Monaco Parkway to East Iliff Avenue (Table 1 and Exhibit A); and

**Table 1  
Cherry Creek from Monaco Parkway to East Iliff Avenue  
Previous Authorizations**

Resolution No.	Series of	District Authorization	Work Elements
31	2011	\$50,000	Design, Right of Way Purchases, and Construction Funding
46	2011	\$50,000	Design, Right of Way Purchases, and Construction Funding
13	2012	\$250,000	Design, Right of Way Purchases, and Construction Funding
64	2012	\$250,000	Design, Right of Way Purchases, and Construction Funding
58	2013	\$250,000	Design, Right of Way Purchases, and Construction Funding
76	2015	\$250,000	Design, Right of Way Purchases, and Construction Funding
<b>TOTAL</b>		<b>\$1,100,000</b>	

WHEREAS, the City and County of Denver, SEMSWA, and the District now desire to add funds to construct improvements along Cherry Creek from Monaco Parkway to East Iliff Avenue; and

WHEREAS, the City and County of Denver has estimated the additional drainage project costs to be \$900,000 resulting in a revised total drainage project cost of \$3,100,000 (\$1,550,000 District; \$200,000 SEMSWA; \$1,350,000 City and County of Denver); and

WHEREAS, the District’s additional participation being authorized by this resolution is \$450,000; 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 Cherry Creek from Monaco Parkway to East Iliff Avenue; 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 Cherry Creek from Monaco Parkway to East Iliff Avenue were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 31, Series of 2011, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the Cherry Creek from Monaco Parkway to East Iliff Avenue project without prior approval of the Board shall be ~~\$1,100,000~~ **\$1,550,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City and County of Denver and SEMSWA."
2. All other conditions and authorizations remain as stated in Resolution No. 31, Series of 2011.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 13, SERIES OF 2016

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Cherry Creek from Monaco Parkway to East Iliff Avenue, City and County of Denver)

### EXHIBIT A





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 14, SERIES OF 2016  
(Additional Authorization to Participate in Drainage and Flood Control Improvements  
on River North Outfall, City and County of Denver)

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 Denver has enacted floodplain regulations; and

WHEREAS, the City and County of Denver and the District cooperated in the preparation of "City and County of Denver Storm Drainage Master Plan," dated January 2009; and

WHEREAS, the Board previously authorized \$1,810,000 for design, acquisition of right-of-way, and construction of improvements along River North Outfall (Table 1 and Exhibit A); and

**Table 1  
River North Outfall  
Previous Authorizations**

Resolution No.	Series of	District Authorization	Work Elements
26	2014	625,000	Design, Right of Way Purchases, and Construction Funding
21	2015	1,185,000	Design, Right of Way Purchases, and Construction Funding
<b>TOTAL</b>		<b>\$1,810,000</b>	

WHEREAS, the City and County of Denver and the District now desire to construct improvements along River North Outfall; and

WHEREAS, the City and County of Denver has estimated the additional project costs to be \$950,000 resulting in a revised total project cost of \$19,728,000 (\$2,235,000 District, \$17,493,000 City and County of Denver); and

WHEREAS, the District’s additional participation being authorized by this resolution is \$425,000; 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 River North Outfall; 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 River North Outfall were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

- Resolution No. 26, Series of 2014, Paragraph 3, is amended as follows:  
"The District's maximum contribution to the River North Outfall project without prior approval of the Board shall be ~~\$1,810,000~~ **\$2,235,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City and County of Denver."
- All other conditions and authorizations remain as stated in Resolution No. 26, Series of 2014.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

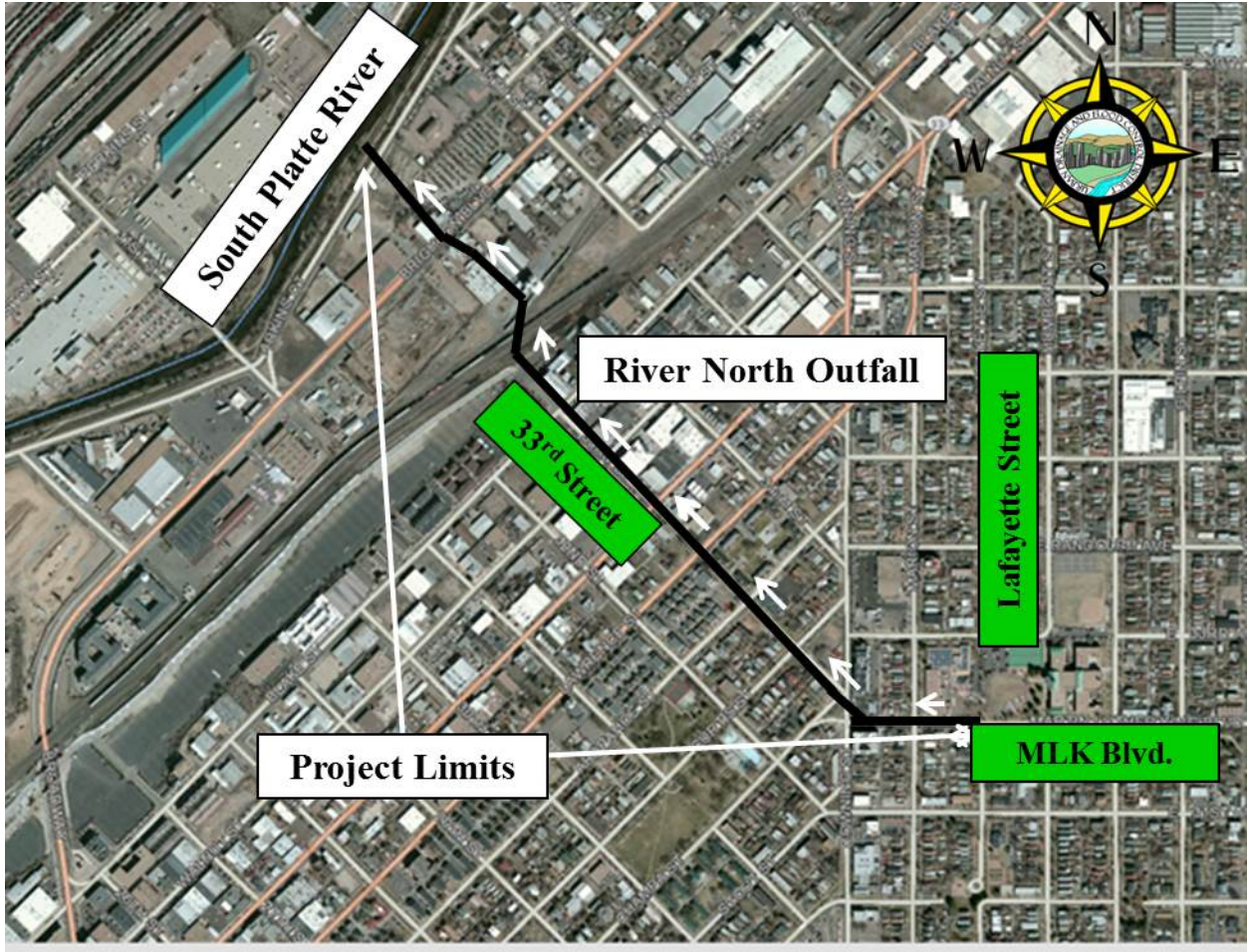


THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 14, SERIES OF 2016

(Additional Authorization to Participate in Drainage and Flood Control Improvements on River North Outfall, City and County of Denver)

EXHIBIT A





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 15, SERIES OF 2016

(Authorization to Participate in Drainage and Flood Control Improvements  
on Goldsmith Gulch at Orchard Road, City of Greenwood Village, Arapahoe 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 of Greenwood Village has enacted floodplain regulations; and

WHEREAS, the City of Greenwood Village, Arapahoe County, and the District cooperated in the preparation of "Upper Goldsmith Gulch Outfall Systems Planning," dated November 2005; and

WHEREAS, the City of Greenwood Village has requested District participation in the design, acquisition of right-of-way, and construction of improvements along Goldsmith Gulch at Orchard Road (Exhibit A); and

WHEREAS, the City of Greenwood Village has estimated the total drainage project costs to be \$120,000; and

WHEREAS, the District's participation being authorized by this resolution is \$60,000; 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 design, acquisition of right-of-way, and construction of drainage and flood control improvements along Goldsmith Gulch at Orchard Road; 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 Goldsmith Gulch at Orchard Road were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with the City of Greenwood Village for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Goldsmith Gulch at Orchard Road.
2. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, qualified contractors, and others as necessary for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Goldsmith Gulch at Orchard Road.
3. The District's maximum contribution to the Goldsmith Gulch at Orchard Road project, without prior approval of the Board, shall be \$60,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Greenwood Village.
4. Such approval for expenditure of District funds is contingent upon the City of Greenwood Village agreeing to regulate and control any defined floodplain in the Goldsmith Gulch at Orchard Road project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.



(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 15, SERIES OF 2016

(Authorization to Participate in Drainage and Flood Control Improvements on Goldsmith Gulch at Orchard Road, City of Greenwood Village, Arapahoe County)

### EXHIBIT A





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 16, SERIES OF 2016

(Authorization to Participate in Drainage and Flood Control Improvements on Newlin Gulch at Newlin Gulch Road, Town of Parker, Douglas 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 Town of Parker has enacted floodplain regulations; and

WHEREAS, the Town of Parker and the District cooperated in the preparation of "Newlin Gulch Major Drainageway Plan" dated October 2015; and

WHEREAS, the Town of Parker has requested District participation in the design and construction of improvements along Newlin Gulch at Newlin Gulch Road (Exhibit A); and

WHEREAS, the Town of Parker has estimated the total drainage project costs to be \$402,940; and

WHEREAS, the District's participation being authorized by this resolution is \$200,000; 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 design and construction of drainage and flood control improvements along Newlin Gulch at Newlin Gulch Road; 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 Newlin Gulch at Newlin Gulch Road were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with the Town of Parker for the design and construction of drainage and flood control improvements on Newlin Gulch at Newlin Gulch Road.
2. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, qualified contractors, and others as necessary for the design and construction of drainage and flood control improvements on Newlin Gulch at Newlin Gulch Road.
3. The District's maximum contribution to the Newlin Gulch at Newlin Gulch Road project, without prior approval of the Board, shall be \$200,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the Town of Parker.
4. Such approval for expenditure of District funds is contingent upon the Town of Parker agreeing to regulate and control any defined floodplain in the Newlin Gulch at Newlin Gulch Road project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 16, SERIES OF 2016

(Authorization to Participate in Drainage and Flood Control Improvements on Newlin Gulch at Newlin Gulch Road, Town of Parker, Douglas County)

**EXHIBIT A**







THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 17, SERIES OF 2016

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Cherry Creek at Norton Farms, Town of Parker, Douglas 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 Town of Parker has enacted floodplain regulations; and

WHEREAS, Arapahoe and Douglas Counties, the Cities of Aurora and Centennial, the Town of Parker, and the District cooperated in the preparation of "Cherry Creek Reservoir to Scott Road Major Drainageway Planning Preliminary Report," dated January 2004; and

WHEREAS, the Board previously authorized \$415,000 for design, acquisition of right-of-way, and construction of improvements along Cherry Creek at Norton Farms (Table 1 and Exhibit A); and

Table 1
Cherry Creek at Norton Farms
Previous Authorizations

Table with 4 columns: Resolution No., Series of, District Authorization, and Work Elements. It lists three resolutions (09, 29, 19) and a total of \$415,000 for design, right of way purchases, and construction funding.

WHEREAS, the Town of Parker, Cherry Creek Basin Water Quality Authority (CCBWQA), and the District now desire to construct improvements along Cherry Creek at Norton Farms; and

WHEREAS, the Town of Parker has estimated the additional drainage project costs to be \$65,000 resulting in a revised total drainage project cost of \$1,050,000 (\$480,000 District; \$315,000 Town of Parker; \$255,000 CCBWQA); and

WHEREAS, the District's additional participation being authorized by this resolution is \$65,000; 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 Cherry Creek at Norton Farms; 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 Cherry Creek at Norton Farms were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

- 1. Resolution No. 09, Series of 2013, Paragraph 3, is further amended as follows: "The District's maximum contribution to the Cherry Creek at Norton Farms project without prior approval of the Board shall be \$415,000 \$480,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the Town of Parker and CCBWQA."
2. All other conditions and authorizations remain as stated in Resolution No. 09, Series of 2013.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 17, SERIES OF 2016

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Cherry Creek at Norton Farms, Town of Parker, Douglas County)

**EXHIBIT A**





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 18, SERIES OF 2016  
(Authorization To Enter Into Agreement for Search Support  
for Executive Director’s Position)

WHEREAS, Paul A. Hindman, Executive Director of UDFCD recently announced his retirement from the District after 31 years of service; and

WHEREAS, the Board of Directors of UDFCD has accepted Mr. Hindman’s resignation and thanks him for his dedicated service to the District; and

WHEREAS, it is necessary to promptly begin the process of seeking a replacement for Mr. Hindman and it is in the best interest of the District that such search include seeking a replacement from within the District itself as well as conducting an external search, if needed; and

WHEREAS, it is necessary to seek the assistance of a qualified consultant to assist the District in conducting a search for a replacement Executive Director; and

WHEREAS, the consultant services will begin with assisting the District in the drafting of the position advertisement and end with the selection and offer process of a qualified candidate.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to enter into an agreement with a qualified consultant(s) to assist the District in the search for a replacement Executive Director.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

---

## BOARD OF DIRECTORS MEETING

Date: Thursday, April 21, 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
    - i. Don Mares, Deputy Mayor, City and County of Denver
  - b. Visitors/Guests/Staff
- 3. Roll Call – Determination of Quorum**
- 4. Presentation of 2015 Audit – Discussion**
  - a. Mark Elmshauser, CPA, CliftonLarsonAllen, LLP
  - b. Annual Legal Summary, Ed Krisor
- 5. Approval of March 17, 2016 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. Authorization for a Planning Study of 54th and Pecos Drainage Basin (Resolution No. 18, Series of 2016)
  - c. Additional Authorization to Participate in Drainage and Flood Control Improvements on Irondale Gulch, Kenwood-Dahlia Outfall, Adams County (Resolution No. 19, Series of 2016)
  - d. Additional Authorization to Participate in Drainage and Flood Control Improvements on Piney Creek at Tower Road, City of Centennial and Unincorporated Arapahoe County (Resolution No. 20, Series of 2016)
  - e. Amendment to Adoption of Policy in Regard to the Acceptance of Tax Increment Financing to Include Urban Redevelopment Areas (Resolution No. 21, Series of 2016)
  - f. Authorization to Agree in Writing to Accept the Use of Property Tax Increment Financing for the Proposed Welton Corridor Urban Redevelopment Area (Resolution No. 22, 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. Strategic Planning Update**
- 10. Announcements**
  - a. Next Regularly Scheduled Meeting: **Thursday, May 19, 2016**
- 11. Adjournment**







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

**March 17, 2016**

**MINUTES**

**Members Present:**

Herb Atchison, Mayor, City of Westminster  
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  
Joyce Jay, Mayor, City of Wheat Ridge  
Paul Kashmann, Council Member, City/County/Denver  
Paul Lopez, Council Member, City/County of Denver  
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  
Charles (Chaz) Tedesco, Commissioner, Adams County  
C.J. Whelan, Mayor Pro Tem, City of Centennial  
Heidi Williams, Mayor, City of Thornton  
Mary Young, Mayor Pro Tem, City of Boulder

**Members Absent:**

Deb Gardner, Commissioner, Boulder County  
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
Terri Fead	Project Manager, Floodplain Management
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
Terri Schafer	Controller
David Skuodas	Project Manager, Design, Construction, and Maintenance
Jason Stawski	Construction Manager, Design, Construction, and Maintenance
Kevin Stewart	Manager, Information Services & Flood Warning
Shea Thomas	Project Manager, Master Planning

**Others Present:**

Jim Kaiser, City of Thornton

**How the Districts Works – Student Interns**

Mr. Hindman conducted a presentation entitled, “Student Interns” for this month’s How the District Works presentation.

- 1. Call to Order and Pledge of Allegiance – 1:00 p.m.**  
Mayor Downing called the meeting to order at 1:01 p.m.

2. **Introductions**

a. **Swearing in of New Board Members**

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

- Mayor Joyce Jay, City of Wheat Ridge
- Mayor Pro Tem Mary Young, City of Boulder
- Mayor Pro Tem Charles “C.J.” Whelan, City of Centennial

b. **Visitors/Guests/Staff**

None.

c. **Awards/Recognitions**

None.

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

Roll was called and a quorum was declared present.

4. **Approval of February 1, 2016 Meeting Minutes** (*If there are no corrections “Minutes stand approved”, or with corrections “Minutes stand approved as corrected”*)

Mayor Downing asked if there were any corrections to the February 1, 2016 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 February and March 2016, 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. **Authorization for a Planning Study for the City of Brighton (Resolution No. 06, Series of 2016)**

In 2013, the City of Brighton requested a master plan update for their outfall systems. The study was added to the five-year plan and slated to begin in 2016; however, City funds became available in 2015 so the study was started at that time. The City of Brighton has now requested a smaller portion of the original amount of UDFCD’s share in order to complete the study.

Previous UDFCD studies in the basin include:

- “Brighton Watershed Tributary to South Platte River Outfall Systems Planning” report (WRC Engineering, 2006)

There has been a significant amount of development in the City of Brighton in the last decade with much more development planned in the near future. The previous master plan was not strictly followed so some of the recommended improvements are no longer feasible. In addition, the stormwater management shown in new development plans requires a restudy of the entire area. Therefore, a restudy of the area is required.

The master planning costs are projected to be \$195,000 with City of Brighton contributing \$150,000. The Resolution authorizes the expenditure of the District’s share not to exceed \$45,000 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. 06 on the Consent Agenda.

c. **Authorization for a Planning Study for Skunk Creek, Bluebell Canyon Creek, and Kings Gulch (Resolution No. 07, Series of 2016)**

In 2013, the City of Boulder requested a mitigation plan for Skunk Creek and two tributaries, Bluebell Canyon Creek and Kings Gulch. The study was added to the five year plan and slated to begin in 2016. Boulder is currently in the process of updating the floodplain maps for the three drainageways, and once that effort is complete will move on to the mitigation plan. Previous UDFCD studies in the basin include:

- “Boulder and Adjacent County Drainageways Major Drainageway Planning” report (Greenhorne & O’Mara, 1987)

The previous study calls for only minor storm improvements and non-structural measures such as encouraging property owners to purchase flood insurance. The City of Boulder would like a more comprehensive master plan with solutions for reducing the flood risk to numerous existing structures.

The master planning costs are projected to be over \$100,000. Resolution No. 07 authorizes the expenditure of the District's share not to exceed \$50,000 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. 07 on the Consent Agenda.

**d. Authorization for a Planning Study of Second Creek  
(Resolution No. 08, Series of 2016)**

In 2013, The City of Brighton requested a major drainageway plan and FHAD for Second Creek downstream of DIA. DIA is currently developing an independent master plan on Second Creek through the airport property. Commerce City and Adams County agreed to participate in the study as funding sponsors. The study was slated to begin in 2017.

A study for Second Creek upstream of DIA was completed in 2011 in cooperation with the City of Aurora. Land in Aurora is now developing and Aurora is attempting to implement the master plan, but would like to re-analyze the allowable release rate at their jurisdictional boundary. They requested a re-study of the upper reaches of Second Creek with DIA as a sponsor. In order to have one cohesive master plan for the entire basin, it is preferable to involve all sponsors in one master plan for all of Second Creek. That study needs to start in 2016 for Aurora to move forward with their capital project as soon as possible.

Previous UDFCD studies on Second Creek include:

- "Second Creek & Third Creek Flood Hazard Area Delineation" (Gingery Associates, 1976)
- "Second Creek and Direct Flow Area 0053 Outfall Planning Study" (Kiowa Engineering Corporation, 1990)
- "Second Creek (Downstream of DIA) and DFA 0053 Watersheds Outfall Systems Planning Study Update" (Kiowa Engineering Corporation, 2004)
- "Second Creek (Upstream of Denver International Airport) Major Drainageway Plan" (Olsson Associates, 2011)
- "Second Creek (Upstream of Denver International Airport Flood Hazard Area Delineation" (Olsson Associates, 2011)

There is a significant amount of development anticipated in the near future in the watershed and this master plan will help local governments to responsibly direct the developers with regard to stormwater and floodplain management.

The FHAD budget is set at \$50,000 and the master planning costs are projected to be \$215,000 with the local sponsors contributing \$115,000. Resolution No. 08 authorizes the expenditure of the District's share not to exceed \$150,000 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. 08 on the Consent Agenda.

**e. Flood Risk Communication & Awareness  
(Resolution No. 09, Series of 2016)**

The purpose of this annual resolution is to authorize the mailing of the brochure to all addresses located in or adjacent to the identified 100-year floodplain within the boundaries of the District.

Mr. David Mallory pointed out that this year's notice has been revamped with improved messaging to better inform the public of flood risks, recommends self-help actions, and even includes a QR code that directs you to the UDFCD floodplain map. The mailing database was automated and restructured last year to a more community-based format. There are 35,000 properties on our mailing list with increased communities in Boulder and Jefferson counties. The brochures are scheduled for mailing sometime in early April.

Following Mr. Mallory's presentation, a recommendation was made to include a translation in Spanish to lead recipients to a website for additional information. A request was also made to provide the Board with

an electronic version to be able to post on their local government websites. Mr. Mallory indicated that he would pursue these requests.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 09 on the Consent Agenda.

**f. Additional Authorization to Participate in Drainage and Flood Control Improvements on School Tributary Upstream of Colorado Boulevard, City of Thornton, Adams County (Resolution No. 10, Series of 2016)**

This is a joint project with the City of Thornton. The City of Thornton desires to design, acquire right-of-way, and construct improvements along School Tributary Upstream of Colorado Boulevard. The project includes improvements to provide 100-year conveyance from upstream of Monroe Street to Colorado Boulevard. Easement and right-of-way acquisition will be included in the project costs. The City of Thornton is administering the design with Merrick and Company, and the District will be constructing the project. Construction is anticipated in 2017.

The District and the City of Thornton have identified \$850,000 in total project costs with the District's participation being \$425,000. It is anticipated that additional funds may be required for this project in the future. Resolution No. 10 authorizes an additional \$325,000 of District funds to be matched by the City of Thornton for the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 10 on the Consent Agenda.

**g. Additional Authorization to Participate in Drainage and Flood Control Improvements on Niver Creek at Zuni Street, City of Federal Heights, Adams County (Resolution No. 11, Series of 2016)**

This is a joint project with the City of Federal Heights. The City of Federal Heights desires to design, acquire right-of-way, and construct improvements along Niver Creek at Zuni Street. The project includes improvements to Niver Creek at Zuni Street and upstream in Ruston Park.

The City of Federal Heights already holds the necessary easements and right-of-way where the project will be carried out. The District will be administering the design once a consulting engineering firm is selected, and construct the project. Construction is anticipated in 2016.

The District and the City of Federal Heights have identified \$760,000 in total project costs with the District's participation being \$380,000. It is anticipated that additional funds may be required for this project in the future.

Resolution No. 11 authorizes an additional \$350,000 of District funds to be matched by the City of Federal Heights for the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 11 on the Consent Agenda.

**h. Authorization to Participate in Drainage and Flood Control Improvements on Sanderson Gulch from Lipan Street to the South Platte River, City and County of Denver (Resolution No. 12, Series of 2016)**

This is a joint project with the City and County of Denver. The City and County of Denver desires to design, acquire right-of-way, and construct improvements along Sanderson Gulch in accordance with the "Sanderson Gulch Master Drainageway Plan" dated September 2013. The project includes improvements to Sanderson Gulch from Lipan Street to the South Platte River.

Easement and right-of-way acquisition will be included in the project costs. The District is administering the design with ICON Engineering Company. The District and the City and County of Denver desire to construct the improvements which will be managed by the City and County of Denver. Construction is anticipated in 2017.

The District and the City and County of Denver have identified \$1,600,000 in initial project costs for the design, right-of-way acquisition, and partial funding of construction with the District's participation being \$800,000 in 2016 funds. It is anticipated that additional funds may be required for this project in the future.

Resolution No. 12 authorizes \$800,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City and County of Denver 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. 12 on the Consent Agenda.

**i. Additional Authorization to Participate in Drainage and Flood Control Improvements on Cherry Creek from Monaco Parkway to East Iliff Avenue, City and County of Denver (Resolution No. 13, Series of 2016)**

This is a joint project with the City and County of Denver and Arapahoe County. Muller Engineering Company designed the project under contract with the District. The drainage elements of the project include installation of bank improvements and drop structures. Easement and right-of-way acquisition will be included in the project costs.

The design is ongoing and the District, City and County of Denver, and SEMSWA desire to add funds to construct the improvements which will be managed by the District. Construction is anticipated in 2018.

The District, City and County of Denver, and SEMSWA have identified \$3,100,000 in total project costs with the District's participation being \$1,550,000. The previous authorizations, Resolution No.31, Series of 2011, Resolution No. 46, Series of 2011, Resolution No. 13, Series of 2012, Resolution No. 64, Series of 2012, Resolution No. 58, Series of 2013, and Resolution No. 76, Series of 2015 totaled \$1,100,000 to fund design and to partially fund construction. It is anticipated that additional funds may be required for this project in the future.

Resolution No. 13 authorizes an additional \$450,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City and County of Denver and SEMSWA 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. 13 on the Consent Agenda.

**j. Additional Authorization to Participate in Drainage and Flood Control Improvements on River North Outfall, City and County of Denver (Resolution No. 14, Series of 2016)**

This is a joint project with the City and County of Denver. Muller Engineering Company, Inc. is designing the project under contract with the District. The drainage elements of the project include installation of bank protection and pipe outfall protection. Easement and right-of-way acquisition is included in the project costs.

The final design is now complete and the District and the City and County of Denver desire to construct the improvements. The drainage portion of the project at the outfall to the South Platte River will be managed by the District. Construction is anticipated in 2016. The District and the City and County of Denver have identified \$19,728,000 in total project costs with the District's participation being \$2,235,000. The previous authorizations, Resolution No.26, Series of 2014 and Resolution No. 21, Series of 2015, totaled \$1,810,000 to fund design and to partially fund acquisition of right-of-way and construction. It is anticipated that additional funds may be required for this project in the future.

Resolution No. 14 authorizes an additional \$425,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City and County of Denver 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. 14 on the Consent Agenda.

**k. Authorization to Participate in Drainage and Flood Control Improvements on Goldsmith Gulch at Orchard Road, City of Greenwood Village, Arapahoe County (Resolution No. 15, Series of 2016)**

This is a joint project with the City of Greenwood Village. The City of Greenwood Village desires to design and construct improvements along Goldsmith Gulch at Orchard Road. The project includes

improvements to Goldsmith Gulch upstream and downstream of Orchard Road and the culvert replacement at Orchard Road.

Easement and right-of-way acquisition will be included in the project costs. The District will be administering the design once a consulting engineering firm is selected.

The District and the City of Greenwood Village desire to construct the improvements which will be managed by the City of Greenwood Village. Construction is anticipated in 2019. The District and the City of Greenwood Village have identified \$120,000 in initial project costs with the District's participation being \$60,000 in 2016 funds. It is anticipated that additional funds may be required for this project in the future.

Resolution No. 15 authorizes \$60,000 of District funds to be matched by the City of Greenwood Village for the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 15 on the Consent Agenda.

**l. Authorization to Participate in Drainage and Flood Control Improvements on Newlin Gulch at Newlin Gulch Road, Town of Parker, Douglas County (Resolution No. 16, Series of 2016)**

This is a joint project with Town of Parker. Town of Parker desires to design and construct improvements along Newlin Gulch at Newlin Gulch Road in accordance with the "Newlin Gulch Major Drainageway Plan" dated October 2015. The project includes improvements to Newlin Gulch at Newlin Gulch Road extended.

Town of Parker already holds the necessary easements and right-of-way where the project will be carried out. Town of Parker is administering the design using Hartwig and Associates. The District and Town of Parker desire to construct the improvements which will be managed by Town of Parker. Construction is anticipated in 2016.

The District and Town of Parker have identified \$402,940 in initial project costs for the design and construction with the District's participation being \$200,000 in 2016 funds. It is anticipated that additional funds may be required for this project in the future.

Resolution No. 16 authorizes \$200,000 of District funds from the Special Revenue Fund - Construction to at least be matched by Town of Parker for the design 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. 16 on the Consent Agenda.

**m. Additional Authorization to Participate in Drainage and Flood Control Improvements on Cherry Creek at Norton Farms, Town of Parker, Douglas County (Resolution No. 17, Series of 2016)**

This is a joint project with the Town of Parker and Cherry Creek Basin Water Quality Authority (CCBWQA). Olsson Associates designed the project under contract with the District. The drainage elements of the project include installation of drop structures and bank improvements. Easement and right-of-way acquisition is included in the project costs.

The final design is now complete and the District, the Town of Parker, and CCBWQA desire to construct the improvements which will be managed by Olsson Associates.

The District, CCBWQA, and the Town of Parker have identified \$1,050,000 in total project costs with the District's participation being \$480,000. The previous authorizations, Resolution No. 9, Series of 2013, Resolution No.29, Series of 2014, and Resolution No. 19, Series of 2015 totaled \$415,000 to fund design and to partially fund construction.

Resolution No. 17 authorizes an additional \$65,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the Town of Parker and the CCBWQA for the design 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. 17 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. 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, and 17, Series of 2016, and Review of Cash Disbursements dated February and March 2016 be placed on the Consent Agenda. Mayor Atchison 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.

Weir Gulch @ South Platte River Lawsuit

Mr. Ed Krisor provided an update to the board on the unfortunate incident that occurred on one of our job sites back in the summer of 2014. Despite the contractor's best efforts to secure the job site, at the confluence of Weir Gulch and the South Platte River, a toddler accidentally drowned after gaining access through an opening of the fence. A lawsuit was filed by the mother of the child and the District, along with our contractor Naranjo, the engineering firm, ICON Engineering, and the City and County of Denver (CCD) were all named as Defendants in the lawsuit. Mr. Krisor announced that this week, the Plaintiff's attorney will dismiss the case against CCD and UDFCD, with a motion to dismiss with prejudice. The lawsuit will continue with Naranjo and ICON Engineering.

Mr. Krisor also mentioned that his opinion letter will be included during the audit discussion at next month's Board meeting.

**8. Executive Session**

**a. Pursuant to 24-6-402 (4)(f)(1) and 3.5 C.R.S. in regard to the search for and hiring of an Executive Director for the District**

It was moved by Mayor Downing to go into Executive Session at 1:56 pm to discuss the search for a new Executive Director. The Executive Session concluded at 2:30 pm. Following the session, the Board directed the Executive Committee on how to proceed with the search and report back to the Board on the progress of the search.

**9. Vote on Approval of Resolution No. 18, Series of 2016**

**a. Authorization to Enter Into Agreement for Search Support for Executive Director Position (Resolution No. 18, Series of 2016)**

Following the Executive Session, it was decided by the Board that Resolution No. 18, Series of 2016 was not necessary at this point in time.

**10. Other Business**

None.

**11. Announcements**

- a.** The next regularly scheduled Board meeting will take place on Thursday, April 21, 2016.
- b.** The annual seminar will take place on Tuesday, April 5, 2016.

**12. Adjournment**

Mayor Downing adjourned the meeting at 2:31 p.m.





# Executive Director's Report

March 17, 2016

## ADMINISTRATIVE

We are almost done with our strategic planning effort. We've had three all-staff workshops and so far, these meetings have generated some really great ideas. I'm looking forward to implementing a Strategic Plan that will help shape the future of the District. Once the document is finalized, I'll share a copy with the Board.

## PROGRAM

**Design, Construction, and Maintenance:** Dave Bennetts recently traveled to D.C. with a group of people from Denver with the intention of getting face time with all the decision makers and assist Denver in gaining funding for some planned improvements on several Denver streams. Dave said it was non-stop meetings from sun-up to sun-down but it was very worthwhile.

Next week, Laura Kroeger, will be traveling to D.C. for a similar effort only with a group from the National Association of Flood and Stormwater Agencies (NAFSMA) that will meet with the US Army Corps of Engineers (USACE) concerning: levee issues related to the levee safety program, vegetation guidance, 408 Permissions Operations, 404 permitting Regulatory and approaches to ecosystem/stream restoration projects.

These types of efforts are invaluable to implement the work that our local governments so desperately need along our streams but are hindered by federal permitting and processes.

**Master Planning:** As you can see by today's agenda, the Master Planning program is kicking off 2016 with several master plans, most of which are updates from some very old plans. With development changes over the last 40 years, many drainage master plans have reached their shelf life and are in need of another look.

**Finance:** The annual audit has been delayed. The final report will be submitted to the Board prior to the April meeting and will be discussed at that time.

## STATE AND FEDERAL GOVERNMENT ADVOCACY

**State and Local Governments:** Don't buy your rain barrel just yet. It doesn't affect us but it's interesting to watch. The rain barrel issue is in the legislature again. In short, the bill would allow homeowners to operate two rain barrels of 55 gallons each, on their property without needing a water right. The bill passed the house and is now in the Senate.

**Federal:** As I discussed last meeting, the USACE who manages the three flood control reservoirs in the Denver metro area (Chatfield, Cherry Creek, and Bear Creek) are considering operation options for Cherry Creek reservoir. We have posted a position paper on the home page of our website. In summary, the change, if implemented, will not affect the regulator 100-year floodplain downstream of the dam. The changes USACE is proposing would affect discharges (flood) much larger than the 100-year.

## PERSONAL

I've had a little bit of time to reflect on my retirement announcement including some of the responses I've received. All of the sentiments have been extremely positive and I'm grateful for that. Urban Drainage is absolutely the best place one could even hope to spend a part of their career and I've spent over 85% of mine here. I'm so blessed to have that experience. As I said in my email, my planned date is September 16th but after talking with Joyce, I've assured her that I will be here as long as I'm needed. A smooth transition for the District is more important than any personal plans I might have.

I want to reiterate that I have been truly fortunate to get the support that all of you have given me. I have never taken this for granted. I know the District will flourish in the years to come. I wish everyone the best.

Thank you.

Paul



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 18, SERIES OF 2016

(Authorization for a Planning Study of 54th and Pecos Drainage Basin)

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, Adams County has enacted floodplain regulations; and

WHEREAS, the Board has previously established a Work Program for 2016 (Resolution No. 56, Series of 2015) which includes master planning; and

WHEREAS, the Board previously cooperated with Adams County to prepare the “54th and Pecos Outfall Systems Planning Study Preliminary Design” report (Hydro-Triad, 1989);

WHEREAS, Adams County has expressed a desire to participate in a study leading to an Outfall Systems Plan for the 54th and Pecos drainage basin; and

WHEREAS, the Board wishes to cooperate with Adams County in the identification of solutions to stormwater drainage and flood control management problems for the 54th and Pecos drainage basin (Exhibit A); and

WHEREAS, the cost of engineering and mapping services for master planning is estimated to be \$150,000 and is expected to be divided among participating entities as follows:

	<u>Planning Study</u>
UDFCD	\$75,000
<u>Adams County</u>	<u>\$75,000</u>
TOTAL	\$150,000

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute an agreement with Adams County to fund the required engineering and mapping services for the 54th and Pecos drainage area planning study.
2. The Executive Director is authorized to procure any needed mapping and to execute a contract with a qualified engineer(s) for required engineering services.
3. The expenditures for the consulting and mapping services are estimated at \$150,000 and the District’s share of total costs shall not exceed \$75,000 plus interest earned on monies deposited in the project fund which contribution for the planning portion of this project shall be matched by Adams County.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 18, SERIES OF 2016

(Authorization for a Planning Study of 54th and Pecos Drainage Basin)

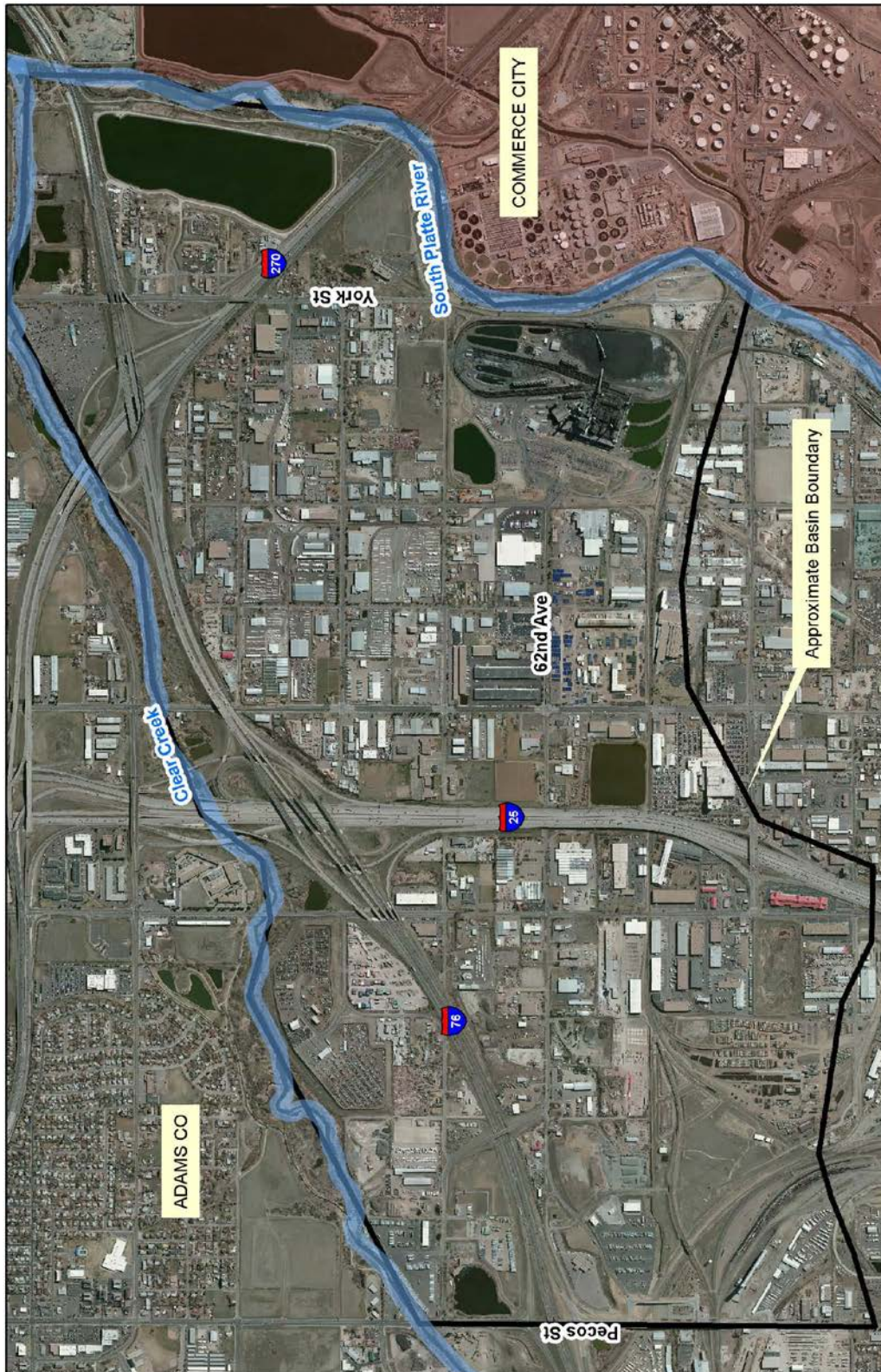


EXHIBIT A  
54th and Pecos Drainage Basin OSP  
Approximate Study Limits  
April 2016





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 19, SERIES OF 2016  
(Additional Authorization to Participate in Drainage and Flood Control Improvements  
on Irondale Gulch, Kenwood-Dahlia Outfall, 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, Adams County has enacted floodplain regulations; and

WHEREAS, Adams County, Commerce City, and the District cooperated in the preparation of "Drainage Outfall Systems Planning North Commerce City and Irondale Area" by McLaughlin Water Engineers, dated April 1996, and an update to the outfall systems plan titled "Drainage Outfall Systems Update Northern Commerce City and Irondale Area" by ICON Engineering, Inc., dated September 2005; and

WHEREAS, the Board previously authorized \$1,120,000 for design, acquisition of right-of-way, and construction of improvements along Irondale Gulch, Kenwood-Dahlia Outfall (Table 1 and Exhibit A); and

**Table 1**  
**Irondale Gulch, Kenwood-Dahlia Outfall**  
**Previous Authorizations**

<b>Resolution No.</b>	<b>Series of</b>	<b>District Authorization</b>	<b>Work Elements</b>
35	2006	\$0	District Participation in Design (but no funding assistance)
11	2010	\$475,000	Design, Right of Way Purchases, and Construction Funding
67	2012	\$620,000	Design, Right of Way Purchases, and Construction Funding
78	2015	\$25,000	Design and Construction Funding
<b>TOTAL</b>		<b>\$1,120,000</b>	

WHEREAS, Adams County and the District now desire to construct improvements along Irondale Gulch, Kenwood-Dahlia Outfall; and

WHEREAS, Adams County has estimated the additional drainage project costs to be \$100,000 resulting in a revised total drainage project cost of \$10,198,928 (\$1,220,000 District; \$8,978,928 Adams County); and

WHEREAS, the District's additional participation being authorized by this resolution is \$100,000; 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 Irondale Gulch, Kenwood-Dahlia Outfall; 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 Irondale Gulch, Kenwood-Dahlia Outfall were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 35, Series of 2006, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the Irondale Gulch, Kenwood-Dahlia Outfall project without prior approval of the Board shall be ~~\$1,120,000~~ **\$1,220,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Adams County."
2. All other conditions and authorizations remain as stated in Resolution No. 35, Series of 2006.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 19, SERIES OF 2016

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Irondale Gulch, Kenwood-Dahlia Outfall, Adams County)

**EXHIBIT A**





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 20, SERIES OF 2016

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Piney Creek at Tower Road, City of Centennial and Unincorporated Arapahoe 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 of Centennial and Arapahoe County have enacted floodplain regulations; and

WHEREAS, the City of Centennial and Arapahoe County have assigned and transferred to the Southeast Metro Stormwater Authority (SEMSWA) its rights and obligation for the Piney Creek at Tower Road project; and

WHEREAS, SEMSWA, Douglas County and the District cooperated in the preparation of "Piney Creek Major Drainageway Plan," dated February 2012; and

WHEREAS, the Board previously authorized \$650,000 for design, acquisition of right-of-way, and construction of improvements along Piney Creek at Tower Road (Table 1 and Exhibit A); and

**Table 1  
Piney Creek at Tower Road  
Previous Authorizations**

Resolution No.	Series of	District Authorization	Work Elements
69	2011	\$400,000	Sediment Removal
5	2013	\$250,000	Design of Channel Improvements
<b>TOTAL</b>		<b>\$650,000</b>	

WHEREAS, SEMSWA and the District now desire to construct improvements along Piney Creek at Tower Road; and

WHEREAS, SEMSWA and the District have estimated the additional drainage project costs to be \$1,000,000 resulting in a revised total drainage project cost of \$2,300,000 (\$1,150,000 District; \$1,150,000 SEMSWA); and

WHEREAS, the District's additional participation being authorized by this resolution is \$500,000; 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 Piney Creek at Tower Road; 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 Piney Creek at Tower Road were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 69, Series of 2011, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the Piney Creek at Tower Road project without prior approval of the Board shall be ~~\$650,000~~ **\$1,150,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by SEMSWA."
2. All other conditions and authorizations remain as stated in Resolution No. 69, Series of 2011.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

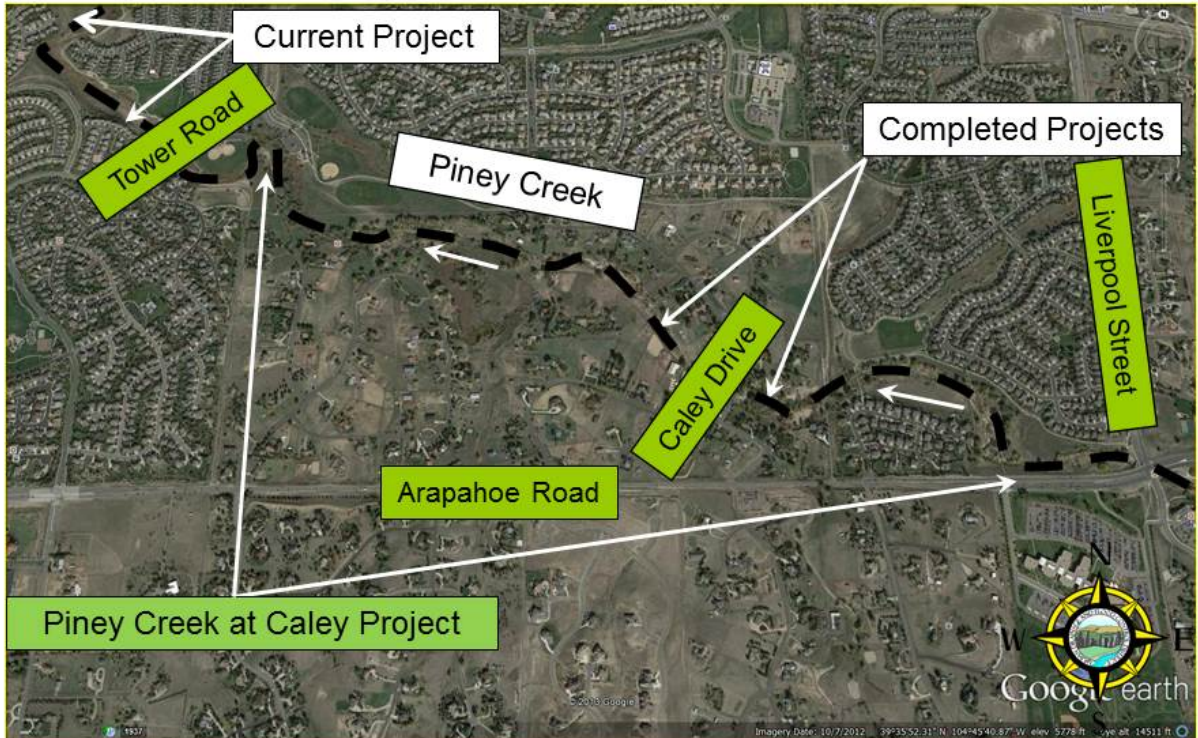


# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 20, SERIES OF 2016

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Piney Creek at Tower Road, City of Centennial and Unincorporated Arapahoe County)

### EXHIBIT A







THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 21, SERIES OF 2016

(Amendment to Adoption of Policy in Regard to the Acceptance of Tax Increment Financing to Include Urban Redevelopment Areas)

WHEREAS, the District adopted Resolution No. 38, Series of 2011 (Adoption of Policy in Regard to the Inclusion of Agricultural Land within an Urban Renewal Authority); and

WHEREAS, the General Assembly in 2015 established new requirements (31-25-107 (9.5) C.R.S.) in regard to including an urban redevelopment project within the existing Urban Redevelopment Area that is subject to tax increment financing; and

WHEREAS, Resolution No. 38, Series of 2011 only included agricultural land within an urban renewal area; and

WHEREAS, the District desires to expand its policy for requests by Governing Bodies and/or Urban Renewal Authorities, as defined in 31-25-103 (3.7) and (8.5) C.R.S. respectively, to the District that it consent to the inclusion of urban redevelopment areas located in the District boundaries within an urban renewal area in compliance with the new 2015 requirements.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 38, Series of 2011 and the requirements for consent of the District contained therein are amended to included requests by Governing Bodies and/or Urban Renewal Authorities, as defined in 31-25-103 (3.7) and (8.5) C.R.S. respectively, to the District that it consent to the inclusion of urban redevelopment areas located in the District boundaries within an urban renewal area in compliance with the new 2015 requirements including those urban redevelopment areas being subject to tax increment financing.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



## THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

### RESOLUTION NO. 22, SERIES OF 2016

(Authorization to Agree In Writing to Accept the Use of Property Tax Increment Financing for the Proposed Welton Corridor Urban Redevelopment Area)

WHEREAS, the Board of Directors of the Urban Drainage and Flood Control District (the District) amended Resolution No. 38, Series of 2011 with Resolution No. 21, Series of 2016 to expand its policy in regard to its agreement to accept the use of property tax increment financing to included urban redevelopment areas; and

WHEREAS, the Denver Urban Renewal Authority (DURA) on behalf of the City and County of Denver has made a written request of the District to accept the use of property tax increment financing for the proposed Welton Corridor Urban Redevelopment area (Exhibit A); and

WHEREAS, the legal description of such redevelopment area is attached hereto as Exhibit “B”; and

WHEREAS, DURA has fully complied with all requirements of the District that are contained in Amended Resolution No. 38, Series 2011; and

WHEREAS, no extraordinary circumstances have been brought to the attention of the Board of Directors of the Urban Drainage and Flood Control District by a Board Member that would prevent the District agreeing in writing to accept the use of property tax increment financing for the proposed Welton Corridor Urban Redevelopment area; and

WHEREAS, the District has prepared a letter to the Denver Urban Renewal Authority setting forth the terms of the District’s agreement to accept the use of property tax increment financing for the proposed Welton Corridor Urban Redevelopment area which letter is attached hereto as Exhibit “C”; and

WHEREAS, the attached Exhibit “C” letter, in order for the District’s approval to be binding, requires the acknowledgement and agreement of the Denver Urban Renewal Authority and the City and County of Denver.

#### NOW THEREFORE, BE IT RESOLVED THAT:

1. The Board of Directors of the Urban Drainage and Flood Control District hereby agrees to accept the use of property tax increment financing for the proposed Welton Corridor Urban Redevelopment area.
2. The Executive Director of the Urban Drainage and Flood Control District is authorized to execute the attached Exhibit “C” letter and forward it to Phillip Caplan, Chair, Denver Urban Renewal Authority.
3. The agreement of the District contained in the attached Exhibit “C” letter will become effective upon the District’s receipt of a copy of the letter bearing the Phillip Caplan, Chair, Denver Urban Renewal Authority signature and the signature of the Mayor of the City and County of Denver acknowledging and agreeing to the terms of the letter.
4. The agreement of the District contained in the attached Exhibit “C” letter will expire by its own terms if the Welton Corridor Urban Redevelopment area is not under construction by January 1, 2021.

(SEAL)

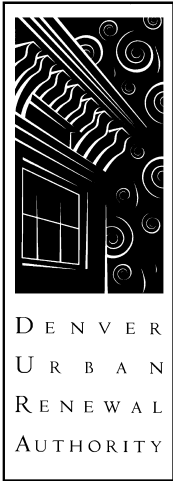
THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



*Residential and Commercial  
Preservation and Renewal*

1555 California Street, Suite 200  
Denver, Colorado 80202  
(303) 534-3872 FAX (303) 534-7303

**MEMORANDUM**

**Date:** March 29, 2016  
**To:** Paul Hindman, Urban Drainage and Flood Control District  
**From:** Tracy Huggins, Denver Urban Renewal Authority  
**Subject:** Proposed 2560 Welton Street Project

The Denver Urban Renewal Authority (“DURA”) is currently working with the City and County of Denver on a single property tax increment and sales tax increment area within the Welton Corridor Urban Redevelopment Area to promote the development of the 2560 Welton Street project.

Under Colorado Revised Statutes C.R.S.31-25-101 (Urban Renewal Law), DURA is required to notify Urban Drainage and Flood Control District (“UDFC”) on the establishment of any tax increment areas and enter into an agreement regarding the use of property tax increment. The project is contemplating the use of property tax increment financing.

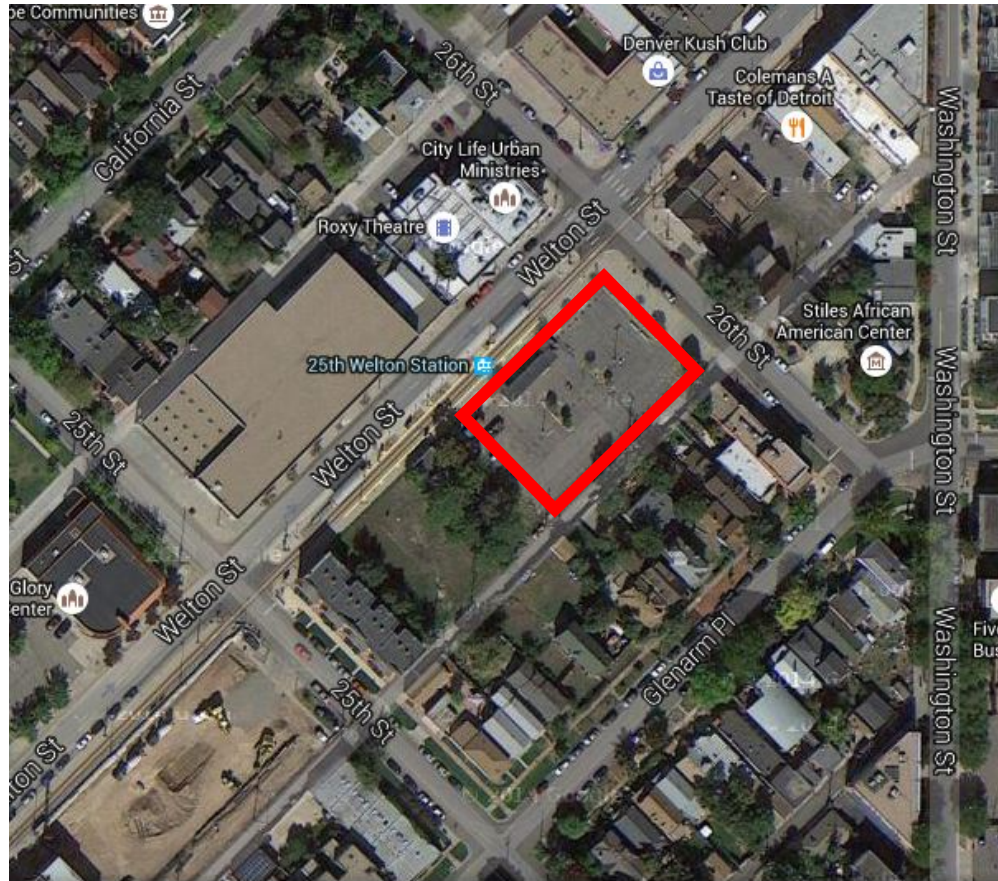
*Background*

The Denver Urban Renewal Authority (“DURA”) has been requested to consider the addition of the 2560 Welton Street Project as an Urban Redevelopment Project within the existing Welton Corridor Urban Redevelopment Area (“Area”). This request would make possible the development of a mixed use project consisting of apartment units, office and retail space (the “Project”).

The general objectives of the Welton Corridor Urban Redevelopment Plan are to reduce or eliminate blighted conditions as well as to stimulate growth and redevelopment of the Area. DURA staff has concluded that the Project would be an appropriate use of tax increment financing to eliminate the blighting conditions posed by the vacancy and underutilization of the property.

*Proposed Redevelopment Project*

2560 Welton, LLC (“Redeveloper”), a joint venture between Palisade Partners and Confluence Companies, has made a request for TIF assistance to redevelop a property located at 2560 Welton Street. The subject property is located on the corner of 26<sup>th</sup> Avenue and Welton Street (see attached aerial & map). The property is currently owned by the Redeveloper.



The Project is planned to include 129 apartment units, with 22 units rent restricted to 80% Area Median Income (“AMI”), 10,000 square feet of ground floor retail space, and approximately 15,000 square feet of office space. The site is zoned C-MX-8, and does not require further entitlement to accommodate the planned development. Total cost of the Project is expected to be just over \$40 million.

Units range from studios to two bedrooms, and from 605 to 1,563 square feet. The total unit mix, including rent restricted to 80% AMI units is reflected in the table attached at the end of this document.

The Project will include a 198 stall underground parking facility to support the residential, office and retail uses. This total also satisfies a requirement to provide 24 stalls of parking for the benefit of the Rossonian Hotel property, located ½ block away. This requirement comes as a result of agreements between the former owner of the property, the Regional Transportation District, and the Rossonian Hotel’s owner.





### Financial Analysis

Staff has reviewed the budgets and pro forma submitted by the developer and believes there is a financial gap in the project of \$4.2 million. This financing gap would be addressed through property tax increment and sales tax increment generated by the redevelopment of the property. TIF Capacity is sufficient to repay the obligation at 1.0x Debt Coverage Ratio within 19 years and will take 24 years at a 1.20x Debt Coverage Ratio. These repayment estimates include the assumption that all incremental taxes, including those potentially derived from a future voter approved or other mill levy increase, will be made available to the project.

### Alignment with City Goals – Conformance with Denver Comprehensive Plan

Below are a number of objectives of the Denver Comprehensive Plan 2000 and its supplements that the Project will meet:

- Conserve land by promoting infill development within Denver at sites where service and infrastructure are already in place, by designing mixed-use communities and reducing sprawl, and by creating more density at transit nodes. (Environmental Sustainability, 2-F, page 39)
- Encourage development of housing that meets the increasingly diverse needs of Denver's present and future residents in the Citywide Land Use and Transportation Plan. (Land Use, 1-H, page 58)

- Encourage quality infill development that is consistent with the character of the surrounding neighborhood; that offers opportunities for increased density and more amenities; and that broadens the variety of compatible uses. (Land Use, 3-B, page 60)
- Encourage mixed-use, transit-oriented development that makes effective use of existing transportation infrastructure, supports transit stations, increases transit patronage, reduces impact on the environment, and encourages vibrant urban centers and neighborhoods. (Land Use, 4-A, page 60)
- Continue to promote mixed-use development, which enables people to live near work, retail and services. (Mobility Strategy 4-E, Page 78)
- Identify areas in which increased density and new uses are desirable and can be accommodated. (Legacies, 3-A, page 99)
- Explore opportunities for housing in all proposed development and redevelopment projects, including commercial and retail projects. (Housing Strategy 2-F, Page 114)
- Continue to support mixed-income housing development that includes affordable rental and for-purchase housing for lower-income, entry-level and service employees, especially in Downtown and along transit lines. (Housing, 6-B, page 117)
- Identify and capitalize on opportunities to develop housing along transit lines. (Housing, 6-E, page 118)
- Encourage mixed-income rental housing with financing that allows both market-rate and subsidized units of equal quality in the same development. (Housing Strategy 6-C, Page 118)
- Support a variety of housing opportunities for Denver’s current and future workforce. Housing opportunities throughout Denver should be expanded – especially in the Downtown core and near employment centers – to accommodate people and families of all incomes. (Economic Activity, 1-H, page 131)
- Use public-private partnerships to facilitate development and redevelopment projects that advance the City’s goals and goals and objectives. When appropriate, take advantage of the Denver Urban Renewal Authority’s powers and experience (4-C, page 136)

The proposed Project meets the following objectives of the Northeast Downtown Neighborhoods Plan which has as its primary goal “quite simply, to catalyze development”:

- Moderate intensity development transitioning to neighborhoods (A-2)
- Promote economic and housing diversity (C-2)
- Promote housing density, including structured parking (C-3)
- Improve access to healthy transportation (D-1)

The proposed Project meets the following objectives of the Welton Corridor Urban Redevelopment Plan:

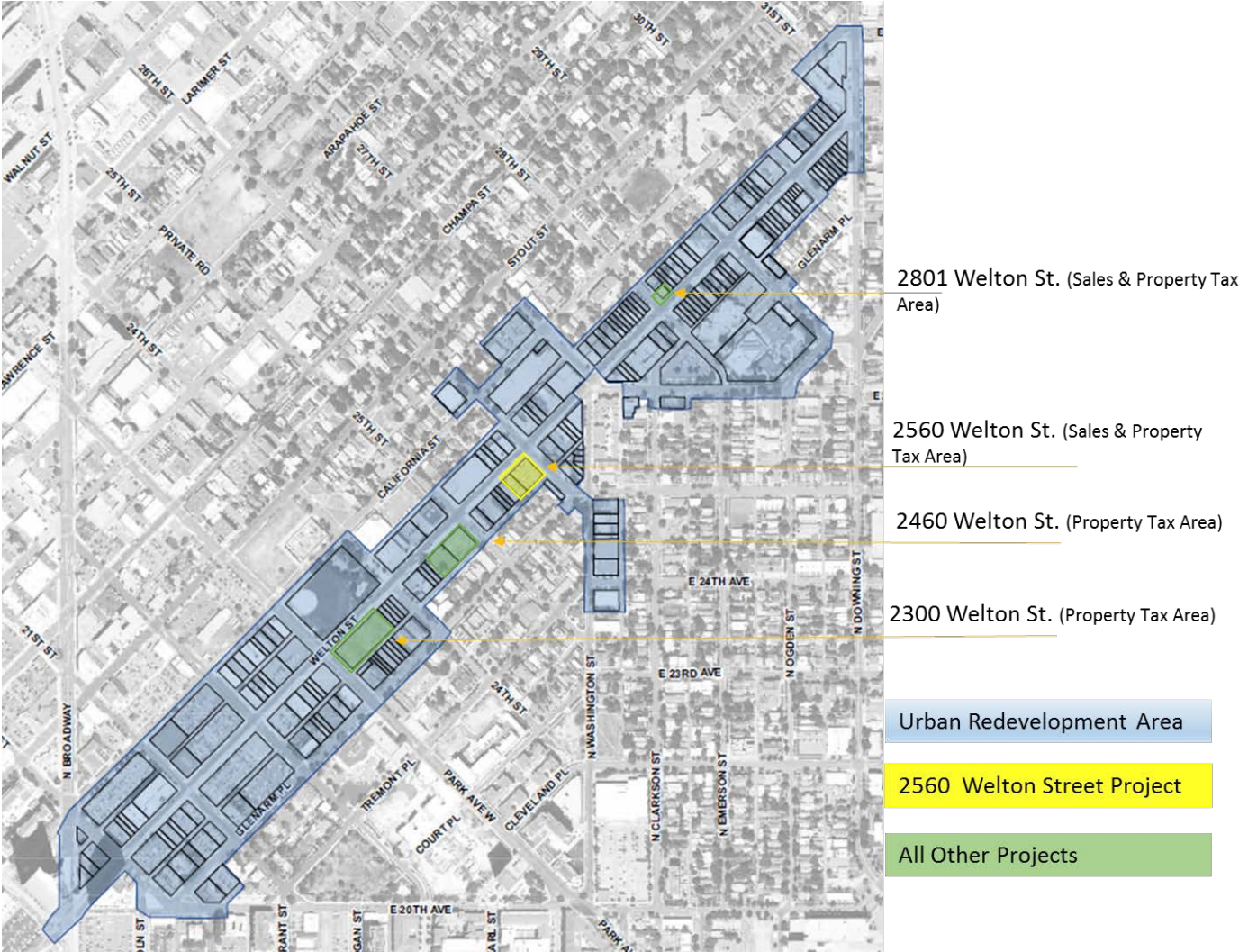
- To eliminate the present and growing factors which contribute to the blight in the Urban Redevelopment Area. Such blighting factors are detrimental to the community and represent an economic liability to the City.
- To renew and improve the character and environment of the Urban Redevelopment Area and its surroundings by preventing or ameliorating economic, physical and environmental deterioration.
- To encourage residential, retail, and commercial development and redevelopment that is socially and economically inclusive and from which the Urban Redevelopment Area and its environs can draw economic strength.
- To more effectively use underdeveloped land within the Urban Redevelopment Area.
- To encourage land use patterns within the Urban Redevelopment Area and its environs which will reduce dependence upon private automobiles for transportation.
- To encourage land use patterns within the Urban Redevelopment Area and its environs that result in a more environmentally sustainable city.
- To encourage land use patterns within the Urban Redevelopment Area and its environs where pedestrians are safe and welcome.
- To encourage the participation of existing property owners within the Urban Redevelopment Area in the redevelopment of their property.
- Encourage high and moderate density development where appropriate, including structured parking.
- To promote a diverse mix of dense housing options.
- To promote a diverse, sustainable neighborhood economy, including mixed use and commercial development opportunities along the Urban Redevelopment Area.

### Approval Process

A public hearing before the Denver City Council regarding the amendment to the Plan will be required. Prior to the public hearing, an agreement between DURA and UDFC regarding the use of the property tax increment will be required. The agreement must address the estimated impacts of the Project on UDFC services associated solely with the Project and the Urban Redevelopment Plan. **In order to meet this requirement, UDFC is requested to provide the estimated impact of the Project.** As noted below, this Project will be the fourth urban redevelopment project within the Welton Corridor Urban Redevelopment Area.

We look forward to working with you and implementing the new statutory requirements to advance this exciting project.

Urban Redevelopment Area Map



### Unit Mix Table

Unit Type	Bedrm	Bath	# of Units	Area	Rent / psf	Rent / Unit
Sleeper 1 Bed A	1	1	38	605	\$ 2.07	\$ 1,250
Studio C	0	1	4	650	2.07	1,344
Studio D	0	1	4	664	2.07	1,372
1 Bed A	1	1	12	676	2.07	1,397
1 Bed B	1	1	6	640	2.10	1,346
1 Bed C	1	1	4	818	1.96	1,602
1 Bed D	1	1	3	841	1.93	1,620
1 Bed E	1	1	3	619	2.07	1,279
1 Bed F	1	1	4	785	2.01	1,579
1 Bed G	1	1	3	782	2.01	1,573
1 Bed H	1	1	2	743	2.03	1,510
1 Bed J	1	1	3	675	2.07	1,398
2 Bed A	2	2	6	1,039	1.71	1,773
2 Bed B	2	2	1	1,016	1.68	1,702
2 Bed C	2	2	2	980	1.70	1,669
2 Bed D	2	2	2	916	1.76	1,611
2 Story A	2	2	4	1,024	1.69	1,731
2 Story B	2	2	2	1,182	1.68	1,989
2 Story C	3	2.5	2	1,528	1.68	2,571
2 Story D	3	2.5	2	1,563	1.68	2,630
Afford - Sleeper 1 Bed A	1	1	16	605	1.85	1,118
Afford Studio B	0	1	1	478	2.07	988
Afford Studio E	0	1	3	518	2.03	1,051
Afford 2 Bed A	2	2	2	1,039	1.29	1,343
Totals			129	94,321	\$ 181,500	
Averages				731	\$ 1.92	\$ 1,407

Studios	12	9.30%
1 Bed	94	72.87%
2 Bed	19	14.73%
3 Bed	4	3.10%
Totals	129	100.00%



2560 Welton Street Project  
Legal Description

Lots 1 through 9, Block 183  
Stiles Addition to the City and County of Denver  
City and County of Denver, State of Colorado





## [URBAN DRAINAGE AND FLOOD CONTROL DISTRICT]

April 5, 2016

Phillip Caplan, Chair  
Tracy Huggins, Executive Director  
Denver Urban Renewal Authority  
1555 California Street, Suite 200  
Denver, CO 80202

Denver

Dear Ms. Huggins and Mr. Caplan and Denver:

This letter agreement (“Agreement”) is entered into pursuant to Section 31-25-107(9.5), C.R.S. The Urban Drainage and Flood Control District (“District”) understands that the Denver Urban Renewal Authority (“Authority”) and the City and County of Denver (“Denver”) desire to undertake a substantial modification of the Welton Corridor Urban Redevelopment Plan (the “Urban Redevelopment Plan”) to add the 2560 Welton Street Project consisting of approximately 129 units of rental housing with 22 units rent restricted to 80% Area Median Income, 15,000 square feet of office space and 10,000 square feet of retail space (the “Project”) and to create the 2560 Welton Street Property and Sales Tax Increment Area (the “Tax Increment Area”).

The Urban Drainage and Flood Control District (the “District”) is in receipt of the Urban Redevelopment Plan creating the Welton Corridor Urban Redevelopment Area which was adopted by the City Council of Denver on September 10, 2012, the proposed Ordinance establishing the Tax Increment Area, and the proposed amendment to the Urban Redevelopment Plan adding the Project and authorizing the use of property tax increment and sales tax increment for the Project.

The District agrees that in accordance with C.R.S. § 31-25-107(9.5), that the District has received proper notice of the proposed substantial modification to the Urban Redevelopment Plan and that [Denver], the Authority, and the District are entering into this agreement to address the estimated impacts of the Urban Redevelopment Plan on District services associated solely with the Urban Redevelopment Plan. The District has determined that there are no impacts to District services caused by the proposed amendment to the Urban Redevelopment Plan to add the Project and create the Tax Increment Area and therefore the tax increment derived from the District’s mill levy shall be allocated to the Authority. The parties agree that this Agreement satisfies the requirements of C.R.S. § 31-25-107(9.5)(a).

The District further agrees that, as permitted under C.R.S. § 31-25-107(9.5)(b)(i), the District waives the requirements of any future notice, including, but not limited to, notice of any modifications or amendments to the Urban Redevelopment Plan, [other than regarding the creation of a new property tax increment area under the Urban Redevelopment Plan], any future filings with or by the District, any requirement for future consent by the District, including but not limited to, consent to any

modifications or amendments to the Urban Redevelopment Plan, [other than regarding the creation of a new property tax increment area under the Urban Redevelopment Plan] and any enforcement right regarding the Urban Redevelopment Plan, or matters contemplated under the Urban Redevelopment Plan, except that the District shall have the right to take any actions necessary to enforce this Agreement.

If the City and County of Denver and the Authority desire that the drainage and flood control facilities constructed as part of the Urban Redevelopment Plan be eligible for future District maintenance assistance, they shall comply with all terms and conditions of Amended Resolution No. 38, Series of 2011 as amended by Resolution 21, Series of 2016, including but not limited to Resolution No. 26, Series of 1983 of the District.

The consent of the District to the Urban Redevelopment Plan will expired and be of no force and effect unless the 2560 Welton Street Project is under construction by January 1, 2021.

If this letter correctly reflects our agreement, please sign below and return a fully-executed original to me.

Respectfully,

Paul A. Hindman  
Executive Director  
Urban Drainage and Flood Control District

ACKNOWLEDGED AND AGREED:

DENVER URBAN RENEWAL AUTHORITY

By: \_\_\_\_\_  
[Phillip Caplan]  
Chair

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

CITY AND COUNTY OF DENVER



# URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

---

## BOARD OF DIRECTORS MEETING

Date: Thursday, May 19, 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. Visitors/Guests/Staff
    - i. Student Intern: Monica Lovato-Ramirez
  - b. Awards/Recognitions
    - i. Friend of UDFCD Award – State Engineer
3. **Roll Call – Determination of Quorum**
4. **Approval of April 21, 2016 Meeting Minutes** (*If there are no corrections “Minutes stand approved”, or with corrections “Minutes stand approved as corrected”*)
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
  - b. Acceptance of 2015 Audit Report  
(Resolution No. 23, Series of 2016)
  - c. Authorization to Participate in Drainage and Flood Control Improvements on Apex Gulch at Heritage Road, City of Golden, Jefferson County  
(Resolution No. 24, Series of 2016)
  - d. Authorization to Participate in Drainage and Flood Control Improvements on Van Bibber Creek at McIntyre Street, Jefferson County  
(Resolution No. 25, Series of 2016)
  - e. Additional Authorization to Participate in Drainage and Flood Control Improvements on First Creek at East 56th Avenue, City and County of Denver  
(Resolution No. 26, Series of 2016)
  - f. Additional Authorization to Participate in Drainage and Flood Control Improvements on Westerly Creek from Kelly Road Dam to 14th Avenue, City and County of Denver  
(Resolution No. 27, Series of 2016)
  - g. Acceptance of Bear Creek Planning Study  
(Resolution No. 28, Series of 2016)
6. **Vote on Approval of the Consent Agenda** (*Motion and roll call vote required.*)
7. **Reports/Discussion**
  - a. Executive Director’s Report
8. **Executive Session – Personnel Matter – Search for and Hiring of an Executive Director [24-6-402(4)(f)(I) and (3.5) C.R.S.]**
9. **Authorization to Enter Into Agreement for Search Support for Executive Director’s Position (Resolution No. 29, Series of 2016)**

**10. Announcements**

- a. Next Regularly Scheduled Meeting: **Thursday, June 16, 2016**
- b. **No July Board Meeting**

**11. Adjournment**



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

**April 21, 2016**

**MINUTES**

**Members Present:**

Herb Atchison, Mayor, City of Westminster  
Bruce Beckman, Mayor, City of Littleton  
Joyce Downing, Mayor, City of Northglenn  
Mark Hunter, Engineer  
Paul Kashmann, Council Member, City/County of Denver  
Dom Mares, Deputy Mayor, City/County of Denver  
Jill Repella, Commissioner, Douglas County  
Dave Sellards, Engineer  
Nancy Sharpe, Commissioner, Arapahoe County  
Greg Stokes, Mayor Pro Tem, City/County of Broomfield  
Libby Szabo, Commissioner, Jefferson County  
Charles (Chaz) Tedesco, Commissioner, Adams County  
C.J. Whelan, Mayor Pro Tem, City of Centennial  
Heidi Williams, Mayor, City of Thornton  
Mary Young, Mayor Pro Tem, City of Boulder

**Members Absent:**

Bob Fifer, Mayor Pro Tem, City of Arvada  
Deb Gardner, Commissioner, Boulder County  
Stacie Gilmore, Council Member, City/County of Denver  
Joyce Jay, Mayor, City of Wheat Ridge  
Paul Lopez, Council Member, City/County of Denver  
Adam Paul, Mayor, City of Lakewood  
Renie Peterson, Mayor Pro Tem, City of Aurora

**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 Manager
Bryan Kohlenberg	Project Manager, Design, Construction, and Maintenance
Laura Kroeger	Assistant Program Manager, Design, Construction, and Maintenance
David Mallory	Program Manager, Floodplain Management
Holly Piza	Project Manager, Master Planning
Terri Schafer	Controller
David Skuodas	Project Manager, Design, Construction, and Maintenance
Shea Thomas	Project Manager, Master Planning

**Others Present:**

Jessica Davidson, Arrow Performance Group  
Mark Elmshouser, CliftonLarsonAllen, LLP  
Megan Elenz, Aide to Councilwoman Gilmore  
Jennifer Riley-Chetwynd, Denver Botanic Gardens  
Amy Schneider, Denver Botanic Gardens  
Marjorie Wickham, CliftonLarsonAllen, LLP

**How the Districts Works – Definitions**

Mr. Hindman conducted a presentation entitled, “Definitions” for this month’s How the District Works presentation.

1. **Call to Order and Pledge of Allegiance – 1:00 p.m.**  
Mayor Downing called the meeting to order at 1:08 p.m.
2. **Introductions**
  - a. **Swearing in of New Board Members**  
The following individual was sworn in as new board members by Mr. Ed Krisor:
    - Deputy Mayor Don Mares, City and County of Denver
  - b. **Visitors/Guests/Staff**  
Mr. Hindman introduced Amy Schneider and Jennifer Riley-Chetwynd with the Denver Botanic Gardens. The District appreciates their contributions to our water quality research efforts, they have been a wonderful partner to the District.
3. **Roll Call – Determination of Quorum**  
Roll was called and a quorum was declared present.
4. **Presentation of 2015 Audit – Discussion**
  - a. **Mark Elmshouser, CPA, CliftonLarsonAllen, LLP**  
Mr. Hindman introduced Mr. Mark Elmshouser with CliftonLarsonAllen, LLP, who provided a briefing on the 2015 audit report. Electronic copies of the draft UDFCD 2015 Audit Report were provided to the Board of Directors in advance of the board meeting.  
  
Upon completion of the audit presentation Mr. Hindman announced that the Board should direct any questions to Mr. Elmshouser. The final adoption of the audit will take place at the May Board Meeting.
  - b. **Annual Legal Summary presented by Ed Krisor**  
Mr. Krisor announced that the District has not been party to any lawsuits. There was one threat of a lawsuit received on March 9, 2015. Property owners were seeking an injunction due to the claim that the District has been approving plans that were resulting in increased stormwater discharge to their properties.. Mr. Krisor believes that the District is protected, in this instance, by the Government Immunity Act. No additional notice of claims have been received.
5. **Approval of March 17, 2016 Meeting Minutes**  
Mayor Downing asked if there were any corrections to the March 17, 2016 minutes. Hearing none, the minutes were approved as submitted.
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**  
Cash Disbursement list, dated March and April 2016, 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. **Authorization for a Planning Study of 54th and Pecos Drainage Basin (Resolution No. 18, Series of 2016)**  
In 2012, Adams County requested an update to the existing 54th and Pecos Outfall Systems Plan. Adams County is the only jurisdiction within the basin boundary.  
  
Previous UDFCD studies in the basin include:
    - “54th and Pecos Outfall System Planning Study Preliminary Design” report (Hydro-Triad, 1989)  
Businesses and properties within the basin experience significant drainage problems during storm events. Topographical constraints, insufficient storm drainage systems, and a lack of natural drainageways combine to result in street and property flooding. The adjacent drainage basin was recently studied in the Globeville – Utah Junction OSP. Adams County would like to restudy the 54th and Pecos drainage basin to ensure consistency with recommendations in this study as compared to others in the county.  
  
The master planning costs are projected to be \$150,000 with the local sponsor contributing \$75,000. Resolution No. 18 authorize the expenditure of the District’s share not to exceed \$75,000 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. 18 on the Consent Agenda.

**c. Additional Authorization to Participate in Drainage and Flood Control Improvements on Irondale Gulch, Kenwood-Dahlia Outfall, Adams County (Resolution No. 19, Series of 2016)**

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 project includes installation of a regional storm sewer system to relieve nuisance flooding from areas of 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 \$10,198,928 in total project costs with the District's participation being \$1,220,000. Resolution No. 19 authorizes an additional \$100,000 of District funds to be matched by Adams County for the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 19 on the Consent Agenda.

**d. Additional Authorization to Participate in Drainage and Flood Control Improvements on Piney Creek at Tower Road, City of Centennial and Unincorporated Arapahoe County (Resolution No. 20, Series of 2016)**

This is a joint project with the Southeast Metro Stormwater Authority (SEMSWA). CH2M designed the project under contract with the District. The drainage elements of the project include sediment removal, reestablishing a low flow channel near the center of the floodplain, and adding a sediment capture and clean out area. Easement and right-of-way acquisition will be included in the project costs.

The final design is now complete and the District and SEMSWA desire to construct the improvements which will be managed by the District. Construction is anticipated in 2016.

The District and SEMSWA have identified \$2,300,000 in total project costs with the District's participation being \$1,150,000. The previous authorizations (Resolution No. 69, Series of 2011 and Resolution No. 5, Series of 2013) totaled \$650,000 to fund design and to partially fund acquisition of right-of-way and construction. It is anticipated that additional funds may be required for this project in the future.

Resolution No. 20 authorizes an additional \$500,000 of District funds from the Special Revenue Fund - Construction to at least be matched by SEMSWA 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. 20 on the Consent Agenda.

**e. Amendment to Adoption of Policy in Regard to the Acceptance of Tax Increment Financing to Include Urban Redevelopment Areas (Resolution No. 21, Series of 2016)**

In 2011, the Board adopted a resolution (Resolution No. 38, Series 2011) that sets a policy for requests by Governing Bodies and/or Urban Renewal Authorities to the District that it consent to the inclusion of agricultural land located in the District boundaries within an urban renewal area in compliance with the new 2010 requirements set by the General Assembly (31-25-107 C.R.S.). The Board policy also states that each request should come before the Board for review and discussion.

In 2015, The General Assembly established new requirements (31-25-107 (9.5) C.R.S.) in regard to including an urban redevelopment project within the existing Urban Redevelopment Area that is subject to tax increment financing.

Resolution No. 21, Series of 2016 amends this resolution to expand its policy for requests by Governing Bodies and/or Urban Renewal Authorities, as defined in 31-25-103 (3.7) and (8.5) C.R.S. respectively, to the District that it consent to the inclusion of urban redevelopment areas located in the District boundaries within an urban renewal area in compliance with the new 2015 requirements

Mayor Downing asked the Board if they wish to continue to see each of these requests or would it be beneficial to authorize the Executive Director to approve future requests. Mayor Downing also added that it is unclear as to how many requests the District will see in a year.

Commissioner Repella asked if the State Statute provided any guidance on delegation. Mr. Krisor confirmed that the statute allows the approval to be delegated provided that some parameters are established.

While several suggestions were made, including setting a cap on the dollar amount (eg. percentage of District's overall budget); the Board agreed to table this discussion to the Fall. Mr. Hindman and Mr. Krisor would continue to monitor these requests and in the fall of 2016 will present to the Board a draft resolution with parameters supported by actual data, that would allow the Executive Director to respond to these requests without individual resolutions being passed for each request.

Mr. Hindman reminded the Board that the way the policy is currently written, these entities have to comply with all of our criteria manual and master plan recommendations.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 21 on the Consent Agenda.

**f. Authorization to Agree in Writing to Accept the Use of Property Tax Increment Financing for the Proposed Welton Corridor Urban Redevelopment Area (Resolution No. 22, Series of 2016)**

The Denver Urban Renewal Authority (DURA) on behalf of the City and County of Denver (CCD) has made a request of the District to accept the use of property tax increment financing for the proposed Welton Corridor Urban Redevelopment Area. DURA and CCD desire to undertake a substantial modification of the Welton Corridor Urban Redevelopment Plan to add the 2560 Welton Street Project consisting of 129 units of rental housing, 15,000 square feet of office space, and 10,000 square feet of retail space and to create the 2560 Welton Street Property and Sales Tax Increment Area.

Resolution No. 22 accepts the use of property tax increment financing for the proposed Welton Corridor Urban Redevelopment Area and authorizes the Executive Director to enter into agreement with DURA and CCD to address the estimated impacts of the Urban Redevelopment Plan on District services.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 22 on the Consent Agenda.

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

It was the consensus of the Board that Resolutions No. 18, 19, 20, 21, and 22, Series of 2016, and Review of Cash Disbursements dated March and April 2016 be placed on the Consent Agenda. Mayor Downing moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

**8. Reports/Discussion**

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

**9. Strategic Planning Update**

Mr. Hindman provided the Board with a summary of the Strategic Planning process that was conducted by the District, with the support of Arrow Performance Group, over the past few months. The process began with a SWOT analysis (Strengths, weaknesses, opportunities, and threats) followed by four working sessions to identify strategic priorities, generate goals, and establish project teams to meet the goals. Progress on the Strategic Planning goals will be provided to the Board periodically. Once the Plan has been finalized, a copy will be distributed to the Board of Directors.

**10. Announcements**

**a.** The next regularly scheduled Board meeting will take place on Thursday, May 19, 2016.

Mayor Downing informed the Board of a tragic event that recently struck Mayor Joyce Jay. During last week's snow storms, a tree hit an electric power line near her home, which resulted in a fire. Thankfully, Mayor Jay was not hurt; her home, however, was destroyed by the fire. Mayor Downing informed us that Mayor Jay will most likely not be attending the next meeting but will provide Amelia with information on how to provide your support.

**11. Adjournment**

In Mayor Downing's absence, Mayor Williams adjourned the meeting at 2:30 p.m.



# Executive Director's Report

April 21, 2016

## ADMINISTRATIVE

The District Annual Seminar took place this month and was attended by over 350 local government and industry professionals. Chair Joyce Downing kicked off the event with a warm welcome and a few kind words regarding my pending retirement. The seminar was a great success and is always a great venue for sharing ideas. Thanks to all the staff that helped bring it all together.

**Design, Construction, and Maintenance and Master Planning:** Recently, the Montclair watershed has been in the news where the District has been quoted and referenced. We are currently assisting Denver with the master planning effort for the basin and we have a design and construction project at the point where the basin outfalls into the Platte River. Some of the misunderstanding is that it has been stated that the only reason Denver, with our assistance, is doing the current construction project and planning effort is to assist CDOT with the reconstruction of I-70, east of the Mouse Trap. Actually, the planning effort has been necessary for a long time, along with the current construction project and future planned projects. With the timing of the CDOT project, it accelerated efforts for both Denver as well as the District, to be able to leverage CDOT funds to solve flooding issues that have been affecting the basin for many years. This project is much like the project on Lakewood Gulch where Denver and the District leveraged RTD's light rail funds to create a great project at the confluence of the gulch as it enters the South Platte River.

**Information Services and Flood Warning:** As the issues surrounding data breaches gets worse (don't know if you saw "60 Minutes" last Sunday concerning cell phones), Derrick Schauer of our IT staff has contacted Envision (our IT consultant) to assist us with establishing additional procedures to help guard against cyber-attacks. We will be looking at our browser and network security as it applies to operating systems, including iPads, cell phones, desktop computers and other Internet based devices. To date, Derrick has kept us all informed on threats and precautions to take but it's become clear that a more detailed procedure for staff is necessary.

The flood season has started and our annual news release was distributed to the media. Channel 7, 9, and KOA contacted us concerning the flood season and getting the word out to citizens to make them aware of the flood threat. Both 7 and 9 conducted on-site interviews with Kevin Stewart which aired on their nightly news broadcasts last week. KOA conducted a phone interview with Kevin; at this time, I'm not aware of KOA broadcasting a report based on that interview.

## STATE AND FEDERAL GOVERNMENT ADVOCACY

**State and Local Governments:** I think we are going to make it through this legislative session without bills that affect the District! Whew.

## PERSONAL

I bought a truck last week. I haven't owned a truck since 1999 and I forgot how engrained we are as men to drive a truck. My first truck was a 1965 Ford with three on the floor and a granny gear (if you don't know what that is you are of a newer generation). I learned how to drive in snow with that truck. After the first snowfall I took it out for a spin and did a complete 360. Amazingly, I didn't hit a thing but my heart rate tripled.

I don't think I ever told my dad about it.

With my new truck, I will be able to pull our camping trailer as well as those important extra camping items like an extra cooler of beer. Also, that bag of fertilizer won't stink up the cab after the trip to Home Depot.

2018 marks the 100-year anniversary of the first mass produced truck made by Chevrolet. I think it's worked out pretty well for them, mainly because at least half of the population gets the same feeling as I do. Happy motoring! Paul





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 23, SERIES OF 2016  
(Acceptance of 2015 Audit Report)

WHEREAS, the enabling legislation of the District (32-11-801 C.R.S.) requires that an annual audit be made pertaining to the financial affairs of the District; and

WHEREAS, CliftonLarsonAllen LLP, Certified Public Accountants and Consultants, were retained to audit the financial records of the District for the year ending December 31, 2015; and

WHEREAS, CliftonLarsonAllen LLP, Certified Public Accountants and Consultants, completed the audit and delivered and presented same to the Board at their Board meeting on April 21, 2016; and

WHEREAS, a copy of the audit report, entitled, "Urban Drainage and Flood Control District, Denver, Colorado, General Purpose Financial Statements, December 31, 2015" was provided to each Board member; and

WHEREAS, Board Members were asked to contact the CliftonLarsonAllen LLP or the Executive Director regarding any questions on the audit report.

NOW, THEREFORE, BE IT RESOLVED THAT:

The audit report of the District's financial affairs for the year ending December 31, 2015 as prepared and presented by CliftonLarsonAllen, Certified Public Accountants and Consultants entitled, "Urban Drainage and Flood Control District, Denver, Colorado, General Purpose Financial Statements, December 31, 2015" is accepted by the Board of Directors of the Urban Drainage and Flood Control District.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 24, SERIES OF 2016

(Authorization to Participate in Drainage and Flood Control Improvements  
on Apex Gulch at Heritage Road, City of Golden, Jefferson 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 of Golden has enacted floodplain regulations; and

WHEREAS, the City of Golden and the District cooperated in the preparation of "Major Drainageway Planning – Upper Lena Gulch – Phase B Report," dated March 1994; and

WHEREAS, the City of Golden has requested District participation in the design and construction of improvements along Apex Gulch at Heritage Road (Exhibit A); and

WHEREAS, the City of Golden has estimated the total drainage project costs to be \$400,000; and

WHEREAS, the District's participation being authorized by this resolution is \$200,000; 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 design and construction of drainage and flood control improvements along Apex Gulch at Heritage Road; 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 Apex Gulch at Heritage Road were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with the City of Golden for the design and construction of drainage and flood control improvements on Apex Gulch at Heritage Road.
2. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, qualified contractors, and others as necessary for the design and construction of drainage and flood control improvements on Apex Gulch at Heritage Road.
3. The District's maximum contribution to the Apex Gulch at Heritage Road project, without prior approval of the Board, shall be \$200,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Golden.
4. Such approval for expenditure of District funds is contingent upon the City of Golden agreeing to regulate and control any defined floodplain in the Apex Gulch at Heritage Road project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 24, SERIES OF 2016

(Authorization to Participate in Drainage and Flood Control Improvements on Apex Gulch at Heritage Road, City of Golden, Jefferson County)

### EXHIBIT A





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 25, SERIES OF 2016

(Authorization to Participate in Drainage and Flood Control Improvements  
on Van Bibber Creek at McIntyre Street, Jefferson 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, Jefferson County has enacted floodplain regulations; and

WHEREAS, Jefferson County and the District cooperated in the preparation of "Major Drainageway Planning – Van Bibber Creek," dated March 1977; and

WHEREAS, Jefferson County has requested District participation in the design, acquisition of right-of-way, and construction of improvements along Van Bibber Creek at McIntyre Street (Exhibit A); and

WHEREAS, Jefferson County has estimated the total drainage project costs to be \$350,000; and

WHEREAS, the District's participation being authorized by this resolution is \$175,000; 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 design, acquisition of right-of-way, and construction of drainage and flood control improvements along Van Bibber Creek at McIntyre Street; 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 Van Bibber Creek at McIntyre Street were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with Jefferson County for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Van Bibber Creek at McIntyre Street.
2. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, qualified contractors, and others as necessary for the design, acquisition of right-of-way Van Bibber Creek at McIntyre Street.
3. The District's maximum contribution to the Van Bibber Creek at McIntyre Street project, without prior approval of the Board, shall be \$175,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Jefferson County.
4. Such approval for expenditure of District funds is contingent upon Jefferson County agreeing to regulate and control any defined floodplain in the Van Bibber Creek at McIntyre Street project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

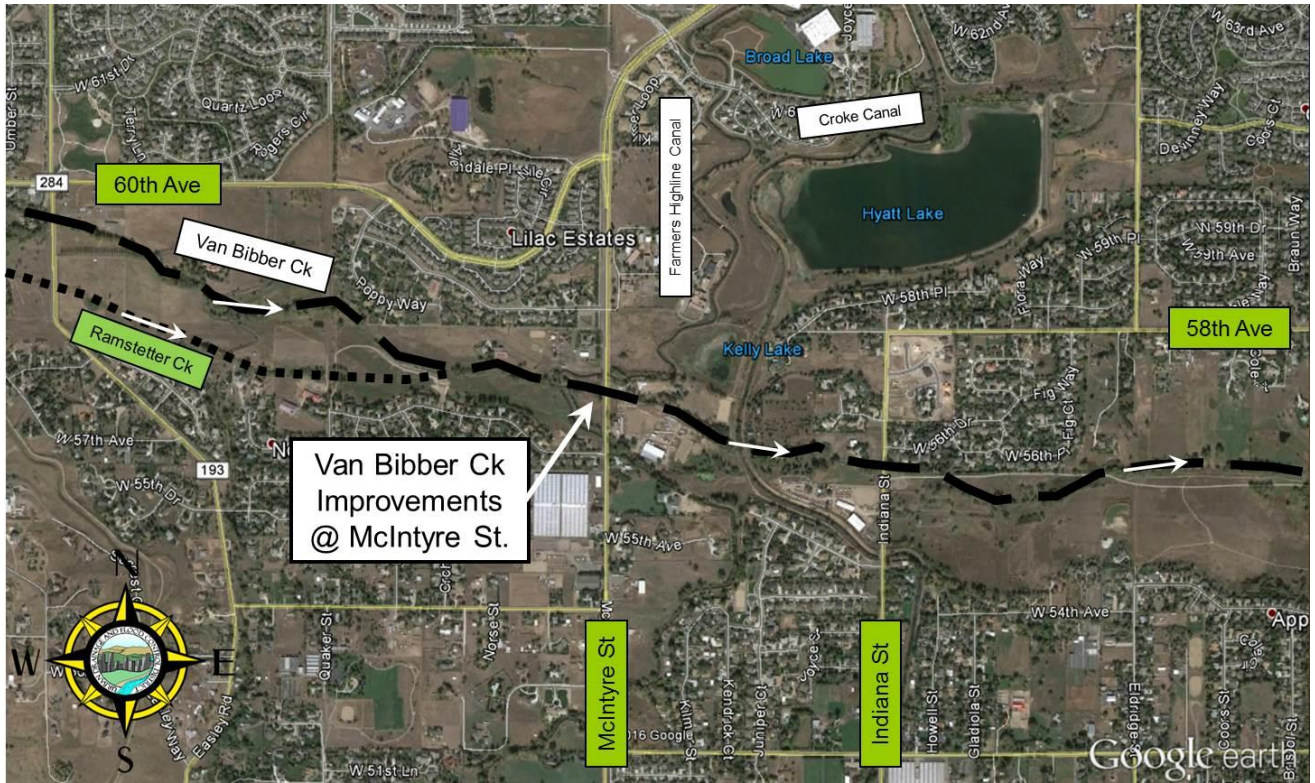


# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 25, SERIES OF 2016

(Authorization to Participate in Drainage and Flood Control Improvements on Van Bibber Creek at McIntyre Street, Jefferson County)

### EXHIBIT A







THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 26, SERIES OF 2016

(Additional Authorization to Participate in Drainage and Flood Control Improvements on First Creek at East 56th Avenue, City and County of Denver)

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 Denver has enacted floodplain regulations; and

WHEREAS, the City and County of Denver and the District cooperated in the preparation of "First Creek (Upstream of Buckley Road) Major Drainageway Plan Conceptual Design Report," dated August 2010; and

WHEREAS, the Board previously authorized \$3,200,000 for design, acquisition of right-of-way, and construction of improvements along First Creek at East 56th Avenue (Table 1 and Exhibit A); and

Table 1
First Creek at East 56th Avenue
Previous Authorizations

Table with 4 columns: Resolution No., Series of, District Authorization, and Work Elements. It lists three resolutions (52, 14, 35) and a total of \$3,200,000 for design, right of way purchases, and construction funding.

WHEREAS, the City and County of Denver and the District now desire to construct improvements along First Creek at East 56th Avenue; and

WHEREAS, the City and County of Denver has estimated the additional drainage project costs to be \$70,000 resulting in a revised total drainage project cost of \$6,470,000 (\$3,235,000 District; \$3,235,000 City and County of Denver); and

WHEREAS, the District's additional participation being authorized by this resolution is \$35,000; 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 First Creek at East 56th Avenue; 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 First Creek at 56th Avenue were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

- 1. Resolution No. 52, Series of 2011, Paragraph 3, is further amended as follows: "The District's maximum contribution to the First Creek at East 56th Avenue project without prior approval of the Board shall be \$3,200,000 \$3,235,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City and County of Denver."
2. All other conditions and authorizations remain as stated in Resolution No. 52, Series of 2011.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 26, SERIES OF 2016

(Additional Authorization to Participate in Drainage and Flood Control Improvements on First Creek at East 56th Avenue, City and County of Denver)

**EXHIBIT A**





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 27, SERIES OF 2016

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Westerly Creek from Kelly Road Dam to 14th Avenue, City and County of Denver)

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 Denver has enacted floodplain regulations; and

WHEREAS, the City and County of Denver and the District cooperated in the preparation of "Westerly Creek Drainageway Update, Downstream of Westerly Creek Dam Major Drainageway Plan," dated December 2007; and

WHEREAS, the Board previously authorized \$375,000 for design, acquisition of right-of-way, and construction of improvements along Westerly Creek from Kelly Road Dam to 14th Avenue (Table 1 and Exhibit A); and

**Table 1  
Westerly Creek from Kelly Road Dam to 14th Avenue  
Previous Authorizations**

Resolution No.	Series of	District Authorization	Work Elements
20	2014	\$250,000	Design, Right of Way Purchases, and Construction Funding
22	2015	125,000	Design, Right of Way Purchases, and Construction Funding
<b>TOTAL</b>		<b>\$375,000</b>	

WHEREAS, the City and County of Denver and the District now desire to construct improvements along Westerly Creek from Kelly Road Dam to 14th Avenue; and

WHEREAS, the City and County of Denver has estimated the additional drainage project costs to be \$865,000 resulting in a revised total drainage project cost of \$1,990,000 (\$575,000 District; \$1,415,000 City and County of Denver; and

WHEREAS, the District’s additional participation being authorized by this resolution is \$200,000; 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 Westerly Creek from Kelly Road Dam to 14th Avenue; 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 Westerly Creek from Kelly Road Dam to 14th Avenue were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

- Resolution No. 20, Series of 2014, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the Westerly Creek from Kelly Road Dam to 14th Avenue project without prior approval of the Board shall be ~~\$375,000~~ **\$575,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City and County of Denver."

2. All other conditions and authorizations remain as stated in Resolution No. 20, Series of 2014.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 27, SERIES OF 2016

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Westerly Creek from Kelly Road Dam to 14th Avenue, City and County of Denver)

**EXHIBIT A**







THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 28, SERIES OF 2016  
(Acceptance of Bear Creek Planning Study)

WHEREAS, the Board cooperated with the City and County of Denver in the preparation of an alternatives analysis planning study for Bear Creek at Sheridan Boulevard (Resolution No. 58, Series of 2014); and

WHEREAS, the Executive Director executed an agreement for engineering services with the consulting firm Michael Baker International to conduct studies and prepare an alternative analysis report for Bear Creek at Sheridan Boulevard; and

WHEREAS, Michael Baker International has completed the study and submitted to the District the report titled "*Bear Creek at Sheridan Boulevard Alternatives Analysis Report*," dated May 2016.

NOW, THEREFORE, BE IT RESOLVED THAT:

The Board of Directors of the Urban Drainage and Flood Control District hereby accepts the report titled "*Bear Creek at Sheridan Boulevard Alternatives Analysis Report*," dated May 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. 28, SERIES OF 2016  
(Acceptance of Bear Creek Planning Study)

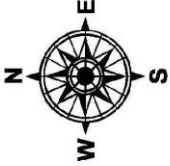


EXHIBIT A  
BEAR CREEK AT SHERIDAN  
Alternatives Analysis  
November 2014

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 29, SERIES OF 2016  
(Authorization To Enter Into Agreement for Search Support  
for Executive Director’s Position)

WHEREAS, Paul A. Hindman, Executive Director of UDFCD recently announced his retirement from the District after 31 years of service; and

WHEREAS, the Board of Directors of UDFCD has accepted Mr. Hindman’s resignation and thanks him for his dedicated service to the District; and

WHEREAS, it is necessary to promptly begin the process of seeking a replacement for Mr. Hindman and it is in the best interest of the District that such search include seeking a replacement from within the District itself as well as conducting an external search; and

WHEREAS, it is necessary to seek the assistance of a qualified consultant to assist the District in conducting a search for a replacement Executive Director; and

WHEREAS, the consultant services will begin with assisting the District in the drafting of the position advertisement and end with the selection and offer process of a qualified candidate.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to enter into an agreement with a qualified consultant(s) to assist the District in the search for a replacement Executive Director.
2. A search committee of a state public body or local public body shall establish job search goals, including the writing of the job description, deadlines for applications, requirements for applicants, selection procedures, and the time frame for appointing or employing a chief executive officer of an agency, authority, institution, or other entity at an open meeting.
3. The expenditures for the consulting services shall not exceed \$30,000 without further authorization from the Board.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

---

## BOARD OF DIRECTORS MEETING

Date: Thursday, June 16, 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. Visitors/Guests/Staff
    - i. Jeff Shoemaker, The Greenway Foundation
    - ii. Ryan Aids, The Greenway Foundation
  - b. Awards/Recognitions
    - i. The Greenway Foundation “Hero of the River” Award
3. **Roll Call – Determination of Quorum**
4. **Approval of May 19, 2016 Meeting Minutes** (*If there are no corrections “Minutes stand approved”, or with corrections “Minutes stand approved as corrected”*)
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
  - b. Additional Authorization to Participate in Drainage and Flood Control Improvements on Fourmile Canyon Creek at 19th Street, City of Boulder, Boulder County (Resolution No. 30, Series of 2016)
  - c. Additional Authorization to Participate in Drainage and Flood Control Improvements on First Creek Detention Upstream of I-70, City of Aurora, Arapahoe County (Resolution No. 31, Series of 2016)
  - d. Authorization to Participate in Drainage and Flood Control Improvements on West Cook Creek Downstream of Lincoln Avenue, City of Lone Tree, Douglas County (Resolution No. 32, Series of 2016)
  - e. Additional Authorization to Participate in Drainage and Flood Control Improvements on Happy Canyon Creek North of Lincoln Avenue, Douglas County (Resolution No. 33, Series of 2016)
6. **Vote on Approval of the Consent Agenda** (*Motion and roll call vote required.*)
7. **Reports/Discussion**
  - a. Executive Director’s Report
8. **Announcements**
  - a. Next Regularly Scheduled Meeting: **Thursday, August 18, 2016**
  - b. **No July Board Meeting**
9. **Adjournment**







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

**May 19, 2016**

**MINUTES**

**Members Present:**

Herb Atchison, Mayor, City of Westminster  
Bruce Beckman, Mayor, City of Littleton  
Joyce Downing, Mayor, City of Northglenn  
Stacie Gilmore, Council Member, City/County of Denver  
Mark Hunter, Engineer  
Joyce Jay, Mayor, City of Wheat Ridge  
Paul Lopez, Council Member, City/County of Denver  
Don Mares, Deputy Mayor, City/County of Denver  
Renie Peterson, Mayor Pro Tem, City of Aurora  
Jill Repella, Commissioner, Douglas County  
Dave Sellards, Engineer  
Nancy Sharpe, Commissioner, Arapahoe County  
Greg Stokes, Mayor Pro Tem, City/County of Broomfield  
Libby Szabo, Commissioner, Jefferson County  
Charles (Chaz) Tedesco, Commissioner, Adams County  
C.J. Whelan, Mayor Pro Tem, City of Centennial  
Heidi Williams, Mayor, City of Thornton  
Mary Young, Mayor Pro Tem, City of Boulder

**Members Absent:**

Bob Fifer, Mayor Pro Tem, City of Arvada  
Deb Gardner, Commissioner, Boulder County  
Paul Kashmann, Council Member, City/County of Denver  
Adam Paul, Mayor, City of Lakewood

**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
Amelia Deleon	Human Resources Manager
Jeff Fisher	Construction Manager, Design, Construction, and Maintenance
Bryan Kohlenberg	Project Manager, Design, Construction, and Maintenance
Laura Kroeger	Assistant Program Manager, Design, Construction, and Maintenance
Monica Lovato-Ramirez	Student Intern, Design, Construction, and Maintenance
David Mallory	Program Manager, Floodplain Management
Holly Piza	Project Manager, Master Planning
Terri Schafer	Controller
David Skuodas	Project Manager, Design, Construction, and Maintenance
Kevin Stewart	Manager, Information Services & Flood Warning
Shea Thomas	Project Manager, Master Planning

**Others Present:**

Kevin Rein, Colorado Division of Water Resources

**How the Districts Works – Capital Projects Presentation**

In lieu of the typical ‘How The District Works’ presentation, Mrs. Laura Kroeger, Assistant Project Manager for the Design, Construction, and Maintenance program conducted a presentation on District capital projects that have been completed.

- 1. Call to Order and Pledge of Allegiance – 1:00 p.m.**  
Mayor Downing called the meeting to order at 1:04 p.m.

**2. Introductions**

**a. Visitors/Guests/Staff**

Mr. Hindman introduced a new student, Monica Lovato-Ramirez, who will be assisting our Design, Construction and Maintenance Program. Monica is a civil engineering student at the University of Colorado, Denver.

**b. Awards/Recognitions**

Mr. Hindman presented the Colorado Division of Water Resources (CDWR), Kevin Rein with the Friend of UDFCD Award. CDWR has been a huge help in our efforts to pass the legislation for detention basins last year. This was not an easy undertaking and CDWR helped support the District on several levels. The award was presented to CDWR at the District's Annual Seminar in April.

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

Roll was called and a quorum was declared present.

**4. Approval of April 21, 2016 Meeting Minutes**

Mayor Downing asked if there were any corrections to the April 21, 2016 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 April and May 2016, 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. Acceptance of 2015 Audit Report  
(Resolution No. 23, Series of 2016)**

The final UDFCD 2015 Audit Report was provided to the Board at the April Board Meeting followed by a brief summary by Mr. Mark Elmshausen with CliftonLarsonAllen, LLP. Mr. Hindman asked the Board if they had any questions concerning the 2015 Audit Report. There being no further comments or questions, it was the consensus of the Board to place Resolution No. 23 on the Consent Agenda.

**c. Authorization to Participate in Drainage and Flood Control Improvements  
on Apex Gulch at Heritage Road, City of Golden, Jefferson County  
(Resolution No. 24, Series of 2016)**

This is a joint project with the City of Golden. The City of Golden desires to construct improvements along Apex Gulch at the Heritage Road crossing (County Road 93) in the City of Golden. Currently, the Gulch crossing consists of a failing concrete box structure thought to have been built in the 1930's. The box has reached its serviceable life and is in need of replacement. The proposed improvements will consist of a new 10ft x 8ft concrete box culvert with upstream and downstream channel transitions sized for the 100-year flow. Additional easement and right-of-way acquisitions are not anticipated for this project located entirely within the City of Golden's property.

The project sponsors will select an engineering consultant to perform the preliminary/final design. The District will administer the design and construction. Construction is anticipated in 2017-2018. The District and the City of Golden have identified \$400,000 in total project costs with the District's participation being \$200,000 in 2016 funds. It is anticipated that additional funds for construction will be needed in the future.

Resolution No. 24 authorizes \$200,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Golden for the design and construction of the drainageway elements of the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 24 on the Consent Agenda.



**d. Authorization to Participate in Drainage and Flood Control Improvements on Van Bibber Creek at McIntyre Street, Jefferson County (Resolution No. 25, Series of 2016)**

This is a joint project with Jefferson County. Jefferson County desires to construct improvements along Van Bibber Creek at the McIntyre Street crossing in Jefferson County. Currently, the crossing consists of a 60-inch corrugated metal pipe, significantly undersized for the 100-year storm event. Flows frequently overtop McIntyre Street as they did during the September 2013 floods. During the flood, vehicular travel was hazardous for an extended period of time. In addition, the entrance of the pipe collapsed and the street was severely damaged. Jefferson County would like to reconstruct the crossing and roadway approaches with a roadway bridge and incorporate a recreation trail crossing

Jefferson County will provide the design of the roadway and drainageway elements of the project. The District will share in funding of the drainageway elements only. Jefferson County will administer the construction with oversight of the drainageway elements of the project provided by the District. Construction is anticipated in 2018-2019. Easement and right-of-way acquisition is included in the project costs.

The District and Jefferson County have identified \$350,000 in initial project design costs with the District's participation being \$175,000 in 2016 funds. It is anticipated that additional funds for construction will be needed in the future.

Resolution No. 25 authorizes \$175,000 of District funds from the Special Revenue Fund - Construction to at least be matched by Jefferson County for the design, acquisition of right-of-way, and construction of the drainageway elements of the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 25 on the Consent Agenda.

**e. Additional Authorization to Participate in Drainage and Flood Control Improvements on First Creek at East 56th Avenue, City and County of Denver (Resolution No. 26, Series of 2016)**

This is a joint project with the City and County of Denver. ICON Engineering Inc. designed the project under contract with the District. The drainage elements of the project include installation of channel bank, bed improvements, and a maintenance access trail.

The City and County of Denver already holds the necessary easements and right-of-way where the project will be carried out. The final design has been completed and construction has begun. The District and the City and County of Denver desire to complete construction of the improvements which are managed by ICON Engineering, Inc.

The District and the City and County of Denver have identified \$6,470,000 in total project costs with the District's participation being \$3,235,000. The previous authorizations (Resolution No. 52, Series of 2011; Resolution No. 14, Series of 2012; and Resolution No. 35, Series of 2015) totaled \$3,200,000 to fund design and to partially fund acquisition of right-of-way and construction. It is anticipated that additional funds may be required for this project in the future.

Resolution No. 26 authorizes an additional \$35,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City and County of Denver 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. 26 on the Consent Agenda.

**f. Additional Authorization to Participate in Drainage and Flood Control Improvements on Westerly Creek from Kelly Road Dam to 14th Avenue, City and County of Denver (Resolution No. 27, Series of 2016)**

This is a joint project with the City and County of Denver. Muller Engineering Company, Inc. designed the project under contract with the District. The drainage elements of the project include installation of bank and bed stabilization measures.

Easement and right-of-way acquisition is included in the project costs. The final design is almost complete and the District and the City and County of Denver desire to construct the improvements which will be managed by the District. Construction is anticipated in 2016.

The District and the City and County of Denver have identified \$1,990,000 in total project costs with the District's participation being \$575,000. The previous authorizations (Resolution No. 20, Series of 2014 and Resolution No. 22, Series of 2015) totaled \$375,000 to fund design and to partially fund acquisition of right-of-way and construction. It is anticipated that additional funds may be required for this project in the future.

Resolution No. 27 authorizes an additional \$200,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City and County of Denver 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. 27 on the Consent Agenda.

**g. Acceptance of Bear Creek Planning Study (Resolution No. 28, Series of 2016)**

Resolution No. 58 of 2014 authorized an alternatives analysis study for drainage issues along Bear Creek upstream of Sheridan Boulevard. The District partnered with the City and County of Denver to fund the study and Michael Baker International was selected to perform it.

The goal of the study was to reduce the flood risk to numerous residential and commercial properties that are in the mapped 100-year floodplain. Alternatives considered include:

- An earthen levee along Dartmouth Avenue
- Increased conveyance by lowering Bear Creek
- Increased conveyance by relocating the trail and excavating south bank
- Raise Dartmouth Avenue
- Sheridan Boulevard bridge replacement

The recommended plan is to coordinate with the Colorado Department of Transportation (CDOT) when the Sheridan Bridge is replaced to ensure a structure that will convey flows necessary to reduce the 100-year flood risk to 40 of the 46 residential and commercial structures currently in the floodplain.

The total cost of improvements recommended in the study is approximately \$3 million. Resolution No. 28 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. 28 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. 23, 24, 25, 26, 27, 28, and 29, Series of 2016, and Review of Cash Disbursements dated April and May 2016 be placed on the Consent Agenda. Mayor Downing moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

**7. Reports/Discussion**

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

**8. Executive Session – Personnel Matter – Search for and Hiring of an Executive Director [24-6-402(4)(f)(I) and (3.5) C.R.S.] (Resolution No. 29, Series of 2016)**

It was moved by Mayor Beckman to go into Executive Session at 1:38 pm to discuss the status of the search for and hiring of an Executive Director. The Executive Session concluded at 1:45 pm.

**9. Authorization to Enter Into Agreement for Search Support for Executive Director's Position**

Following the Executive Session, the Board adopted Resolution No. 29, Series of 2016, Authorization to Enter Into Agreement for Search Support for Executive Director position.

**10. Announcements**

- a. The next regularly scheduled Board meeting will take place on Thursday, June 16, 2016.
- b. No July Board Meeting.

**11. Adjournment**

Mayor Downing adjourned the meeting at 1:48 p.m.



# Executive Director's Report

May 19, 2016

## ADMINISTRATIVE

We have implemented a new electronic signature process, DocuSign, for electronic documents that require signatures. I know some of our local governments have also implemented electronic signature software as well. Prior to implementation, we vetted the process with Ed Krisor and worked out all the bugs. I've already signed several agreements using DocuSign and it seems to work fine.

Parking at the District offices may get a little stricter because I'm told that in June the office building will be at 100% occupancy. What that means for Board members is to make sure you have your parking sticker visible on the dashboard of your car. If you don't have one, let Amelia know. Also, if you forget to bring it, our front desk staff can provide you with one.

**Master Planning:** We have been approached by a few local governments to take the preliminary analysis work that has been done on the High Line Canal, to the next level. The main issue is to repurpose the High Line for treating stormwater while at the same time keeping the linear park environmentally healthy. We just signed an agreement with Greenwood Village and soon will sign one with the City of Littleton for preliminary design improvements to achieve these ends. We are encouraged that communities, and the Denver Water Board, are proceeding forward with this idea.

**Floodplain Management and Master Planning:** The South Platte River, within the District Boundaries, flows from Chatfield Reservoir to Brighton. Since the 1970's, the floodplain analysis has been studied in pieces and under several different variations of computer programs. We recently decided to merge all the studies together so that there is one continuous computer model for the entire District that maps the South Platte River floodplain. Our consultant has completed a draft report and we are in the process of conducting a technical review. While the report is not ready for distribution, our local government partners were provided with the draft results considering they have ongoing projects along the river. Before new flood maps are produced, the results of this analysis will be fully vetted by us as well as all local governments effected.

## PERSONAL

Tomorrow, I will be leaving town and heading to the Grand Canyon for a week. A few years back, I added up the number of times that I've hiked down in the big hole and this trip will be the 32<sup>nd</sup> time. Needless to say, I've had some adventures along the way so I thought I'd talk about one of the most memorable. I was in high school and along with two of my buddies we decided to hike down the Hermit Trail. It was during the summer months so we hiked at night to take advantage of the cooler temperatures. About a third of the way down, we ran into a couple from New York who were on their honeymoon. All they had was a bottle of wine, some cheese, and a blanket. They were dressed in sandals and penny loafers, both without socks and neither had a flashlight. What could go wrong? We suggested they turn around but they were determined to get to the bottom and asked if they could hike with us. They made it to the bottom but their feet looked like hamburger.

Along the way, they had asked if there was another way out and I said yes but it's a lot farther so I never thought they would try the alternate way. We fed them and everyone was off to sleep. The next morning we woke up and they were gone so we thought nothing of it thinking they just headed up the trail we just came down. Come to find out they did try the longer way and turned around after hiking many miles. That afternoon, they trudged back into camp looking like they had been on the Bataan Death March which probably was not that far off. We fed them again and wondered how they were going to get out.

*Continued on next page.....*



## PERSONAL Continued

The next day, we were all lounging around and my two buddies were hunting for anything that moved with their wrist rocket (this is a high powered sling shot and shooting anything in the National Park is illegal but we were in high school so rules don't apply). We were in an inner canyon and they were about half way up on a ledge. Then we all heard this whop, whop, whop and a helicopter came around the corner, right at the spot where my friends were. Being boys, Bob says to Joe "shoot it" and of course he did just as he was making eye contact with the pilot. Being an ex-Vietnam vet the pilot quickly jerked the stick and banked away and out of the canyon. He landed up on a rim of the inner canyon about 300 yards away from us. Since we were the only people within 20 miles, it was impossible for my friends to hide so we all walked up to where the helicopter was to confront the consequences of our actions.

Once the blades stopped, the pilot came out and unfortunately, for us, he was about six foot five and weighed about 250 pounds. He picked up Joe and started shaking him yelling "you're the @\$#! That shot me?!". Luckily for Joe the other passenger in the chopper was able to calm the pilot down before blood was drawn. However, the bad news for us was that he was the Park Ranger. He said he would have to fly us to jail in Flagstaff where our parents would be called. After a lot of talking and negotiating, we convinced him that we would check into the ranger station after we hiked out the following day. Joe was thankful because he didn't want to be in that helicopter with the pilot knowing that the trip wouldn't be a pleasant one and not sure he would get to Flagstaff alive!

After everyone had calmed down, the wife of the couple we had been taking care of suddenly appeared and pleaded to the ranger for a ride out. He said it would be \$500 which was a lot of money back in the 70's. She poured on the waterworks and eventually the ranger succumbed to the pressure and gave her a ride out. The husband hiked out with us, after we bandaged up his feet and gave him a pair of socks. At the rim, we checked into the ranger station where the authorities were waiting for us. They called each of our parents and described to them what juvenile delinquents we were and as a consequence of our actions, we might go to jail. In the end, all we had to do was go out to the heliport and apologize to the pilot.

I'm looking forward to my trip next week and I'll try to stay out of jail by leaving my wrist rocket at home. Mark Hunter is also going on the trip and I'm counting on him to be the level-headed one. Also, for the next Executive Director you probably should do a THOROUGH background check.

Have a safe Memorial Day Weekend!

Paul

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 30, SERIES OF 2016

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Fourmile Canyon Creek at 19th Street, City of Boulder, Boulder 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 of Boulder has enacted floodplain regulations; and

WHEREAS, the City of Boulder and the District cooperated in the preparation of "Fourmile Canyon Creek and Wonderland Creek Major Drainageway Planning Phase A Report Alternatives Analysis," dated May 2007; and

WHEREAS, the Board previously authorized \$300,000 for design, acquisition of right-of-way, and construction of improvements along Fourmile Canyon Creek at 19th Street (Table 1 and Exhibit A); and

**Table 1**  
**Fourmile Canyon Creek at 19th Street**  
**Previous Authorizations**

Resolution No.	Series of	District Authorization	Work Elements
18	2012	\$150,000	Design, Right of Way Purchases
15	2013	\$150,000	Design, Right of Way Purchases, and Construction Funding
<b>TOTAL</b>		<b>\$300,000</b>	

WHEREAS, the City of Boulder and the District now desire to construct improvements along Fourmile Canyon Creek at 19th Street; and

WHEREAS, the City of Boulder now desires to extend the project limits to upstream of Upland Avenue; and

WHEREAS, the City of Boulder has estimated the additional drainage project costs to be \$1,375,000 resulting in a revised total drainage project cost of \$1,975,000 (\$987,500 District; \$987,500 City of Boulder); and

WHEREAS, the District's additional participation being authorized by this resolution is \$687,500; 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 Fourmile Canyon Creek at 19th Street; 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 Fourmile Canyon Creek at 19th Street were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 18, Series of 2012, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the Fourmile Canyon Creek at 19th Street project without prior approval of the Board shall be ~~\$300,000~~ **\$987,500** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Boulder."
2. All other conditions and authorizations remain as stated in Resolution No. 18, Series of 2012.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 30, SERIES OF 2016

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Fourmile Canyon Creek at 19th Street, City of Boulder, Boulder County)

**EXHIBIT A**





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 31, SERIES OF 2016

(Additional Authorization to Participate in Drainage and Flood Control Improvements on First Creek Detention Upstream of I-70, City of Aurora, Arapahoe 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 of Aurora has enacted floodplain regulations; and

WHEREAS, the City of Aurora, the City and County of Denver, and the District cooperated in the preparation of " First Creek Major Drainageway Planning Study," dated September 2010; and

WHEREAS, the Board previously authorized \$2,049,000 for design and acquisition of right-of-way, for improvements along First Creek at Detention Basins upstream of I-70 (Table 1 and Exhibit A); and

**Table 1  
First Creek Detention Upstream of I-70  
Previous Authorizations**

Resolution No.	Series of	District Authorization	Work Elements
58	2009	\$200,000	Design
50	2010	100,000	Design
18	2011	150,000	Design and Right of Way Purchases
32	2012	600,000	Design and Right of Way Purchases
34	2013	420,000	Design and Right of Way Purchases
18	2014	379,000	Design and Right of Way Purchases
16	2015	200,000	Design and Right of Way Purchases
<b>TOTAL</b>		<b>\$2,049,000</b>	

WHEREAS, the City of Aurora and the District now desire to construct improvements along First Creek Detention upstream of I-70; and

WHEREAS, the City of Aurora and the District have estimated the additional drainage project costs to be \$400,000 resulting in a revised total drainage project cost of \$4,498,000 (\$2,249,000 District; \$2,249,000 Aurora); and

WHEREAS, the District's additional participation being authorized by this resolution is \$200,000; 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 First Creek at Detention Basins upstream of I-70; 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 First Creek at Detention Basins upstream of I-70 were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 58, Series of 2009, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the First Creek Detention upstream of I-70 project without prior approval of the Board shall be ~~\$2,049,000~~ **\$2,249,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Aurora."
2. All other conditions and authorizations remain as stated in Resolution No. 58, Series of 2009.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

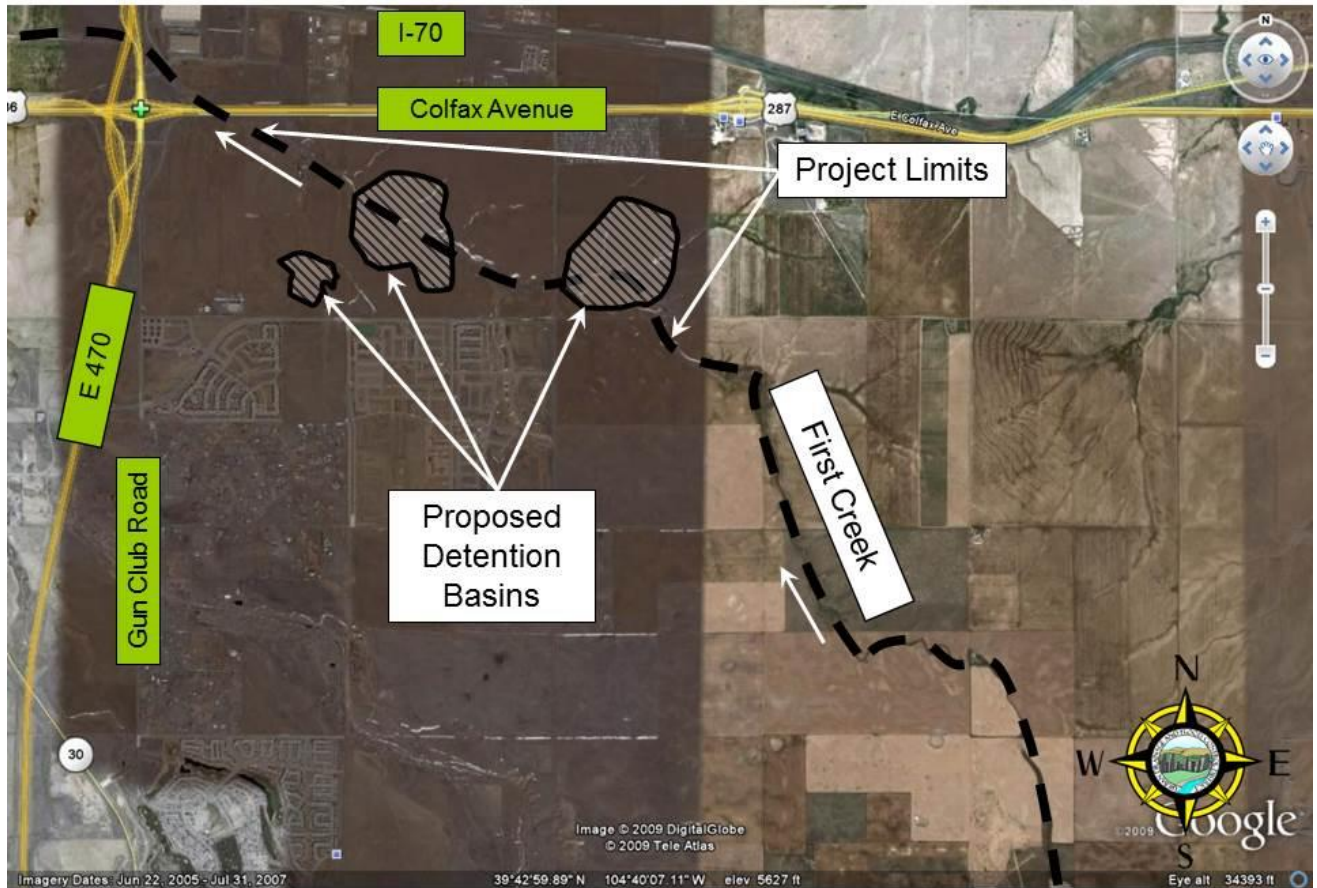


# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 31, SERIES OF 2016

(Additional Authorization to Participate in Drainage and Flood Control Improvements on First Creek Detention Upstream of I-70, City of Aurora, Arapahoe County)

### EXHIBIT A





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 32, SERIES OF 2016

(Authorization to Participate in Drainage and Flood Control Improvements  
on West Cook Creek Downstream of Lincoln Avenue, City of Lone Tree, Douglas 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 of Lone Tree has enacted floodplain regulations; and

WHEREAS, the City of Lone Tree and the District cooperated in the preparation of "Willow Creek, Little Dry Creek, and Greenwood Gulch Outfall Systems Planning Study," dated February 2010; and

WHEREAS, the City of Lone Tree has requested District participation in the design and construction of improvements along West Cook Creek downstream of Lincoln Avenue (Exhibit A); and

WHEREAS, the City of Lone Tree has estimated the total drainage project costs to be \$200,000; and

WHEREAS, the District's participation being authorized by this resolution is \$100,000; 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 design, acquisition of right-of-way, and construction of drainage and flood control improvements along West Cook Creek downstream of Lincoln Avenue; 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 West Cook Creek downstream of Lincoln Avenue were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with the City of Lone Tree for the design and construction of drainage and flood control improvements on West Cook Creek downstream of Lincoln Avenue.
2. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, qualified contractors, and others as necessary for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on West Cook Creek downstream of Lincoln Avenue.
3. The District's maximum contribution to the West Cook Creek downstream of Lincoln Avenue project, without prior approval of the Board, shall be \$100,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Lone Tree.
4. Such approval for expenditure of District funds is contingent upon the City of Lone Tree agreeing to regulate and control any defined floodplain in the West Cook Creek downstream of Lincoln Avenue project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

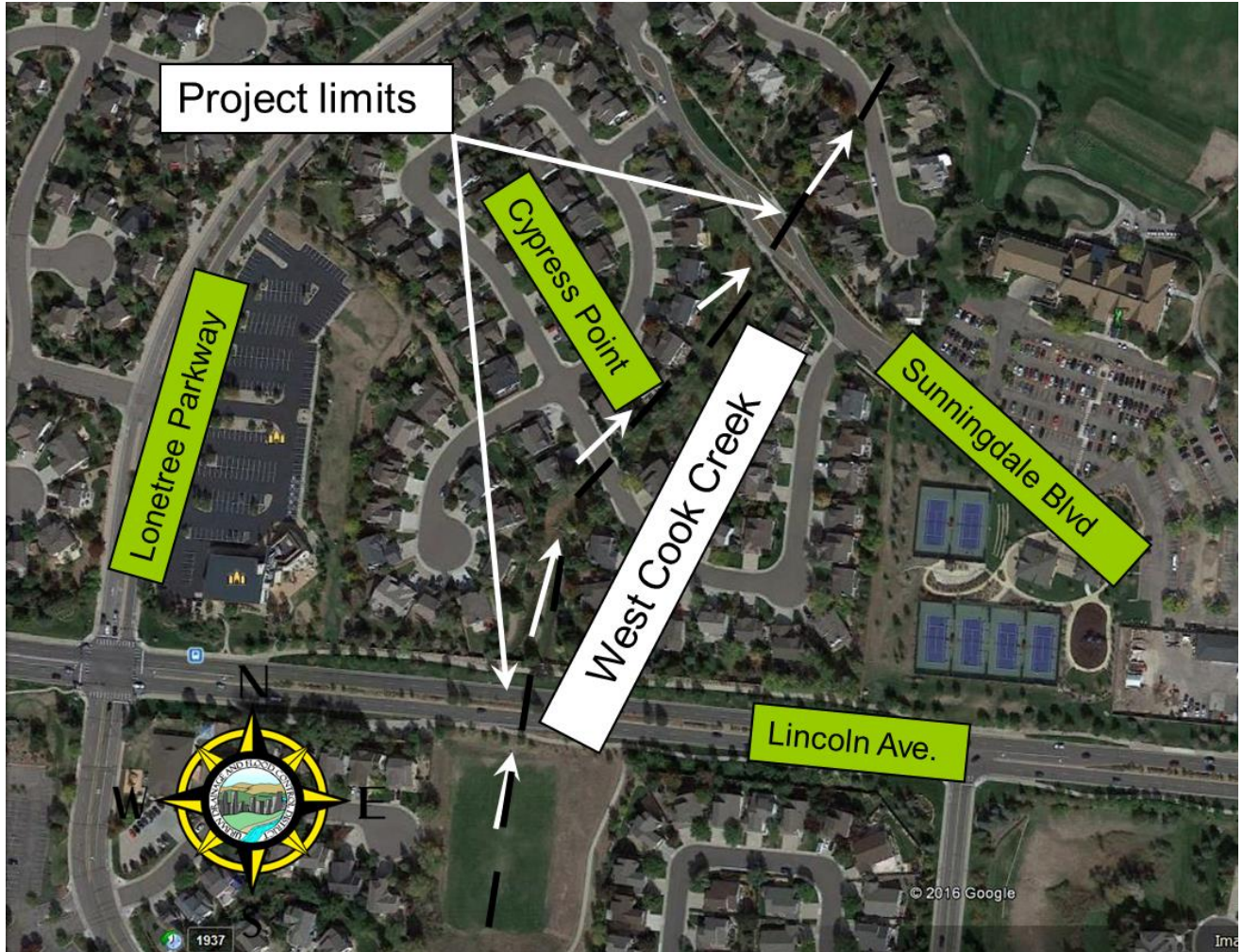


THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 32, SERIES OF 2016

(Authorization to Participate in Drainage and Flood Control Improvements on West Cook Creek Downstream of Lincoln Avenue, City of Lone Tree, Douglas County)

EXHIBIT A





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 33, SERIES OF 2016

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Happy Canyon Creek North of Lincoln Avenue, Douglas 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, Douglas County has enacted floodplain regulations; and

WHEREAS, Douglas County and the District cooperated in the preparation of "Happy Canyon Creek Major Drainageway Plan," dated March 2014; and

WHEREAS, the Board previously authorized \$62,500 for design, acquisition of right-of-way, and construction of improvements along Happy Canyon Creek north of Lincoln Avenue (Table 1 and Exhibit A); and

Table 1
Happy Canyon Creek North of Lincoln Avenue
Previous Authorizations

Table with 4 columns: Resolution No., Series of, District Authorization, Work Elements. Row 1: 054, 2015, \$62,500, Design, Right of Way Purchases, and Construction Funding. Row 2: TOTAL, \$62,500.

WHEREAS, Douglas County and the District now desire to construct improvements along Douglas County north of Lincoln Avenue; and

WHEREAS, the District and Douglas County have \$22,351 remaining from a previous completed Happy Canyon Creek project that the Douglas County is requesting for this project; and

WHEREAS, Douglas County has estimated the additional drainage project costs to be \$189,851 resulting in a revised total drainage project cost of \$596,451.40 (\$230,000 District; \$366,451.40 Douglas County); and

WHEREAS, the District's additional participation being authorized by this resolution is \$167,500; 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 Happy Canyon Creek north of Lincoln Avenue; 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 Happy Canyon Creek north of Lincoln Avenue were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

- 1. Resolution No. 54, Series of 2015, Paragraph 3, is amended as follows: "The District's maximum contribution to the Happy Canyon Creek north of Lincoln Avenue project without prior approval of the Board shall be \$62,500 \$230,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Douglas County."

2. All other conditions and authorizations remain as stated in Resolution No. 54, Series of 2015.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 33, SERIES OF 2016

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Happy Canyon Creek North of Lincoln Avenue, Douglas County)

**EXHIBIT A**





# URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

---

## BOARD OF DIRECTORS MEETING

Date: Thursday, August 18, 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. Visitors/Guests/Staff
3. **Roll Call – Determination of Quorum**
4. **Approval of June 16, 2016 Meeting Minutes** (*If there are no corrections “Minutes stand approved”, or with corrections “Minutes stand approved as corrected”*)
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
  - b. Revision to Capital Improvement Expenditure Policy  
(Resolution No. 34, Series of 2016)
  - c. Authorization to Participate in Drainage and Flood Control Improvements on Bullhead Gulch at the BNSF Railroad Crossing, City of Louisville, Boulder County  
(Resolution No. 35, Series of 2016)
  - d. Additional Authorization to Participate in Drainage and Flood Control Improvements on River North Outfall, City and County of Denver  
(Resolution No. 36, Series of 2016)
  - e. Additional Authorization to Participate in Drainage and Flood Control Improvements on Grange Hall Creek, City of Northglenn, Adams County  
(Resolution No. 37, Series of 2016)
  - f. Additional Authorization to Participate in Drainage and Flood Control Improvements on Hoffman Drainageway, Adams County  
(Resolution No. 38, Series of 2016)
  - g. Additional Authorization to Participate in Drainage and Flood Control Improvements on Piney Creek at Caley Drive, City of Centennial and Unincorporated Arapahoe County  
(Resolution No. 39, Series of 2016)
  - h. Additional Authorization to Participate in Drainage and Flood Control Improvements on Big Dry Creek at Cheese Ranch, Highlands Ranch Metro District, Douglas County  
(Resolution No. 40, Series of 2016)
  - i. Acceptance of Lee Gulch Planning Study  
(Resolution No. 41, Series of 2016)
6. **Vote on Approval of the Consent Agenda** (*Motion and roll call vote required.*)
7. **Reports/Discussion**
  - a. Executive Director’s Report
8. **Executive Session – Personnel Matter – Executive Director’s Retirement and Search for and Hiring of an Executive Director [24-6-402(4)(f)(I) and (3.5) C.R.S.]**

**9. Announcements**

a. Next Regularly Scheduled Meeting: **Thursday, September 15, 2016**

**10. Adjournment**



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

**June 16, 2016**

**MINUTES**

**Members Present:**

Herb Atchison, Mayor, City of Westminster  
Bruce Beckman, Mayor, City of Littleton  
Joyce Downing, Mayor, City of Northglenn  
Bob Fifer, Mayor Pro Tem, City of Arvada  
Mark Hunter, Engineer  
Joyce Jay, Mayor, City of Wheat Ridge  
Paul Kashmann, Council Member, City/County of Denver  
Paul Lopez, Council Member, City/County of Denver  
Dom Mares, Deputy Mayor, City/County of Denver  
Adam Paul, Mayor, City of Lakewood  
Renie Peterson, Mayor Pro Tem, City of Aurora  
Jill Repella, Commissioner, Douglas County  
Dave Sellards, Engineer  
Nancy Sharpe, Commissioner, Arapahoe County  
Greg Stokes, Mayor Pro Tem, City/County of Broomfield  
Libby Szabo, Commissioner, Jefferson County  
Charles (Chaz) Tedesco, Commissioner, Adams County  
C.J. Whelan, Mayor Pro Tem, City of Centennial  
Heidi Williams, Mayor, City of Thornton  
Mary Young, Mayor Pro Tem, City of Boulder

**Members Absent:**

Deb Gardner, Commissioner, Boulder County  
Stacie Gilmore, Council Member, City/County of Denver

**UDFCD Staff Present:**

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

**Others Present:**

Jeff Shoemaker, The Greenway Foundation  
Ryan Aids, The Greenway Foundation

**How the Districts Works – Funds**

Mr. Hindman conducted a presentation entitled, “Funds” for this month’s How the District Works presentation.



1. **Call to Order and Pledge of Allegiance – 1:00 p.m.**  
Mayor Downing called the meeting to order at 1: 00 p.m.
2. **Introductions**
  - a. **Visitors/Guests/Staff**  
Mr. Hindman introduced Jeff Shoemaker and Ryan Aids with The Greenway Foundation.
  - b. **Awards/Recognitions**  
Mr. Shoemaker, Executive Director of the Greenway Foundation, gave a presentation on the history of the Greenway Foundation including the progression of the South Platte River.  
  
Mr. Shoemaker also announced that UDFCD will be the recipient of the Greenway Foundation’s Hero of the River Award which will be presented at the 2016 Gala on the Bridge event taking place on September 15. Mr. Shoemaker announced that the District will have a table at the event and encouraged board members to attend. Mr. Hindman added that any board member that would like to attend the event should notify Amelia. A follow-up email will be sent to the board regarding the Gala.
3. **Roll Call – Determination of Quorum**  
Roll was called and a quorum was declared present.
4. **Approval of May 19, 2016 Meeting Minutes**  
Mayor Downing asked if there were any corrections to the May 19, 2016 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 May and June 2016, 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. **Additional Authorization to Participate in Drainage and Flood Control Improvements on Fourmile Canyon Creek at 19th Street, City of Boulder, Boulder County (Resolution No. 30, Series of 2016)**  
This is a joint project with the City of Boulder. Merrick and Company is currently designing the project under contract with the City of Boulder. The drainage elements of the project include new bridges at 19th Street, at Upland Avenue, and at Tamarack Avenue to pass the 100-year flood. Pedestrian underpasses will be constructed as part of the new bridges at Upland Avenue and 19th Street. The Tamarack Avenue structure will provide a new emergency access to a cul-de-sac at the end of Tamarack Avenue to the east.  
  
The City of Boulder has requested that the project limits be extended to include the Upland Avenue crossing. Easement and right-of-way acquisition will be included in the project costs. The final design is in progress and the District and the City of Boulder desire to construct the improvements which will be managed by the City of Boulder. Construction is anticipated in 2017.  
  
The District and the City of Boulder have identified \$1,975,000 in total project costs with the District’s participation being \$987,500. The previous authorizations (Resolution No.18, Series of 2012 and Resolution No. 15, Series of 2013) totaled \$300,000 to fund design and to partially fund acquisition of right-of-way and construction. It is anticipated that additional funds may be required for this project in the future.  
  
Resolution No. 30 authorizes an additional \$687,500 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Boulder 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. 30 on the Consent Agenda.

**c. Additional Authorization to Participate in Drainage and Flood Control Improvements on First Creek Detention Upstream of I-70, City of Aurora, Arapahoe County (Resolution No. 31, Series of 2016)**

This is a joint project with the City of Aurora. Merrick and Company is designing the project and is under contract with the District. The drainage elements of the project include construction of a detention basin, an outlet structure, and a spillway. Easement and right-of-way acquisition is included in the project costs.

There are three detention basins shown in the master plan upstream of I-70. The project is looking at acquiring the property for all three basins and construction of one of the three basins. Property negotiations continue and final design will be completed after property is acquired. Construction is anticipated in 2017.

The District and the City of Aurora have identified \$4,498,000 in total project costs with the District's participation being \$2,249,000. The previous authorizations (Resolution No. 16, Series 2015; Resolution No. 18, Series 2014; Resolution No. 34, Series 2013; Resolution No. 32, Series of 2012; Resolution No. 18, Series of 2011; Resolution No. 50, Series of 2010; and Resolution No. 58, Series of 2009) totaled \$2,049,000 to fund design and to partially fund acquisition of right-of-way and construction. It is anticipated that additional funds may be required for this project in the future.

Resolution No. 31 authorizes an additional \$200,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Aurora 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. 31 on the Consent Agenda.

**d. Authorization to Participate in Drainage and Flood Control Improvements on West Cook Creek Downstream of Lincoln Avenue, City of Lone Tree, Douglas County (Resolution No. 32, Series of 2016)**

This is a joint project with the City of Lone Tree. The City of Lone Tree desires to design and construct improvements along West Cook Creek downstream of Lincoln Avenue in accordance with the "Willow Creek, Little Dry Creek, and Greenwood Gulch Outfall Systems Planning Study," dated February 2010. The project includes improvements to the channel bank and bed.

The City of Lone Tree already holds the necessary easements and right-of-way where the project will be carried out. The District is administering the design with Muller Engineering Company.

The District and the City of Lone Tree desire to construct the improvements which will be managed by the District. Construction is anticipated in 2018. The District and the City of Lone Tree have identified \$200,000 in initial project costs for the design, right-of-way acquisition, and partial funding of construction with the District's participation being \$100,000 in 2016 funds. It is anticipated that additional funds may be required for this project in the future.

Resolution No. 32 authorizes \$100,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Lone Tree for the design 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. 32 on the Consent Agenda.

**e. Additional Authorization to Participate in Drainage and Flood Control Improvements on Happy Canyon Creek North of Lincoln Avenue, Douglas County (Resolution No. 33, Series of 2016)**

This is a joint project with Douglas County. Muller Engineering Company, Inc. has been selected to design the project under contract with the District. The drainage elements of the project include channel bank and bed improvements. Easement and right-of-way acquisition will be included in the project costs. The design is ongoing and the District and Douglas County desire to add funds to construct the improvements, which will be managed by the District. Construction is anticipated in 2018.

The District and Douglas County have \$22,351 remaining from a previous completed Happy Canyon Creek project that Douglas County is requesting to use for this project. The District and Douglas County

have identified \$596,451.40 in total project costs with the District's participation being \$167,500. The previous authorization (Resolution No. 54, Series of 2015) totaled \$62,500 to fund design and to partially fund acquisition of right-of-way and construction. It is anticipated that additional funds may be required for this project in the future.

Resolution No. 33 authorizes an additional \$167,500 of District funds from the Special Revenue Fund - Construction to at least be matched by Douglas 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. 33 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. 30, 31, 32, and 33, Series of 2016, and Review of Cash Disbursements dated May and June 2016 be placed on the Consent Agenda. Mayor Atchison moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

**7. Reports/Discussion**

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

**8. Announcements**

a. The next regularly scheduled Board meeting will take place on Thursday, August 18, 2016.  
b. No July Board Meeting.

**9. Adjournment**

Mayor Downing adjourned the meeting at 1:33 p.m.

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 34, SERIES OF 2016  
(Revision to Capital Improvements Expenditure Policy)

WHEREAS, 32-11-217 (1)(c)(I) C.R.S., permits the District to levy up to four-tenths (.4) mill for the construction of drainage and flood control projects within the District; and

WHEREAS, obtaining individual city property tax revenues within each county is problematic.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 11, Series of 1973, Paragraph 3, shall be replaced with the following:  
 "It is the policy of this Board to allocate its available funds for drainage and flood control improvements in such manner that five-year tax revenues received from counties within the District will be spent for improvements benefiting such counties. So as to work toward this goal and to enable the Board to annually review this effort, the Executive Director shall, at the times the Executive Director makes recommendations to the Board regarding proposed improvements, inform the Board of the cumulative totals of revenues and expenditures raised from and spent within the counties of the District."

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 35, SERIES OF 2016

(Authorization to Participate in Drainage and Flood Control Improvements  
on Bullhead Gulch at the BNSF Railroad Crossing, City of Louisville, Boulder 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 of Louisville has enacted floodplain regulations; and

WHEREAS, the City of Louisville and the District cooperated in the preparation of "Bullhead Gulch Watershed Outfall Systems Planning," dated June 1992; and

WHEREAS, the City of Louisville has requested District participation in the design, acquisition of right-of-way, and construction of improvements along Bullhead Gulch at the BNSF Railroad Crossing (Exhibit A); and

WHEREAS, this project is included the District's 5-year CIP;

WHEREAS, The City has funding available in 2016 to start the design process;

WHEREAS, The District's funding of this project is anticipated to start in 2017, as noted in our 5-year CIP

WHEREAS, the City of Louisville has estimated the total drainage project costs to be \$1,500,000; and

WHEREAS, the District's participation being authorized by this resolution is \$0; and

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

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with the City of Louisville for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Bullhead Gulch at the BNSF Railroad Crossing.
2. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, qualified contractors, and others as necessary for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Bullhead Gulch at the BNSF Railroad Crossing.
3. The District's maximum contribution to the Bullhead Gulch at the BNSF Railroad Crossing project, without prior approval of the Board, shall be \$0 plus interest earned on monies deposited in the project fund, which contribution shall be at least \$1,500,000 by the City of Louisville.
4. Such approval for the District to manage the project is contingent upon the City of Louisville agreeing to regulate and control any defined floodplain in the Bullhead Gulch at the BNSF Railroad Crossing project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

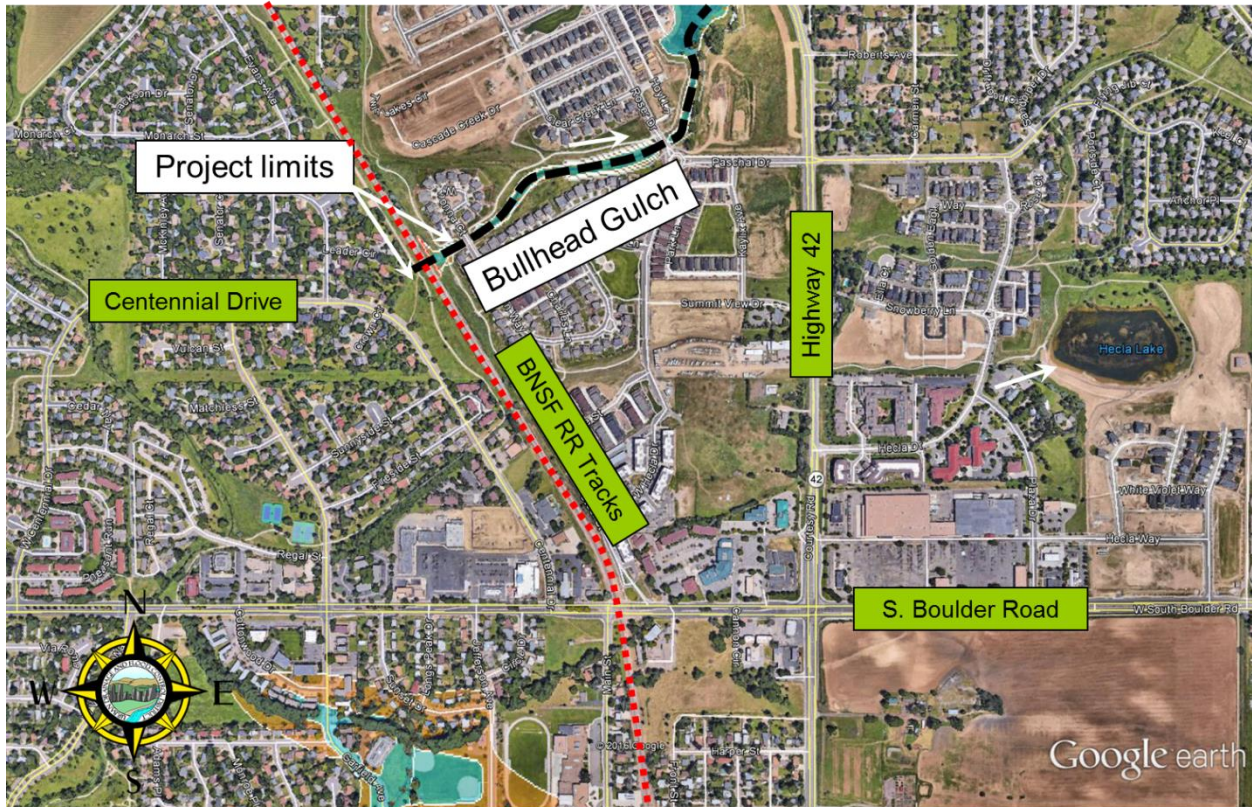
\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 35, SERIES OF 2016

(Authorization to Participate in Drainage and Flood Control Improvements on Bullhead Gulch at the BNSF Railroad Crossing, City of Louisville, Boulder County)

### EXHIBIT A







THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 36, SERIES OF 2016  
(Additional Authorization to Participate in Drainage and Flood Control Improvements  
on River North Outfall, City and County of Denver)

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 Denver has enacted floodplain regulations; and

WHEREAS, the City and County of Denver and the District cooperated in the preparation of "City and County of Denver Storm Drainage Master Plan," dated January 2009; and

WHEREAS, the Board previously authorized \$2,235,000 for design, acquisition of right-of-way, and construction of improvements along River North Outfall (Table 1 and Exhibit A); and

**Table 1  
River North Outfall  
Previous Authorizations**

Resolution No.	Series of	District Authorization	Work Elements
26	2014	625,000	Design, Right of Way Purchases, and Construction Funding
21	2015	1,185,000	Design, Right of Way Purchases, and Construction Funding
14	2016	425,000	Design, Right of Way Purchases, and Construction Funding
<b>TOTAL</b>		<b>\$2,235,000</b>	

WHEREAS, the City and County of Denver and the District now desire to construct improvements along River North Outfall; and

WHEREAS, the City and County of Denver has estimated the additional project costs to be \$565,000 resulting in a revised total project cost of \$20,893,000 (\$2,800,000 District; \$18,093,000 City and County of Denver); and

WHEREAS, the District’s additional participation being authorized by this resolution is \$565,000; 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 River North Outfall; 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 River North Outfall were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

- Resolution No. 26, Series of 2014, Paragraph 3, is amended as follows:  
"The District's maximum contribution to the River North Outfall project without prior approval of the Board shall be ~~\$2,235,000~~ **\$2,800,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City and County of Denver."
- All other conditions and authorizations remain as stated in Resolution No. 26, Series of 2014.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

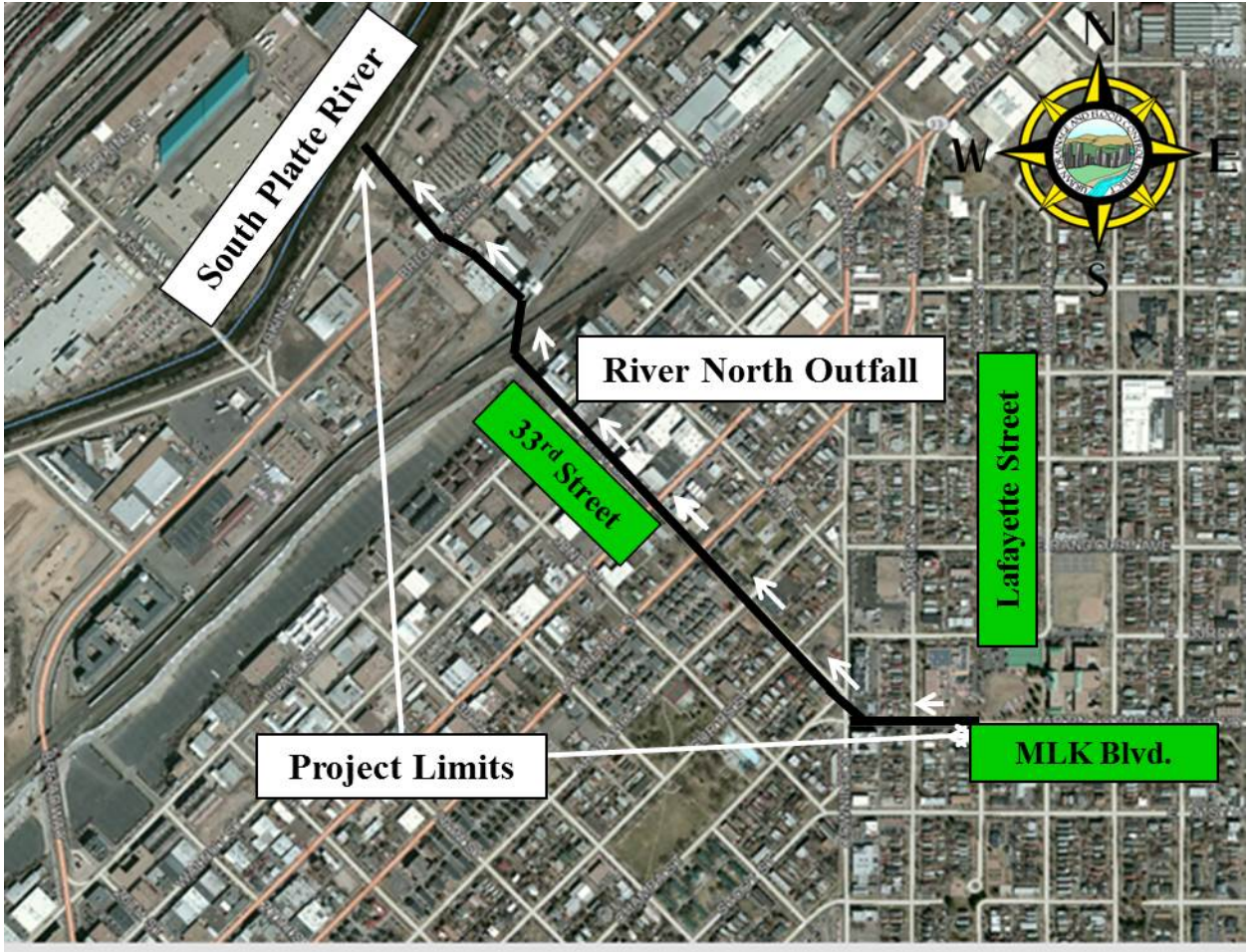
\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 36, SERIES OF 2016

(Additional Authorization to Participate in Drainage and Flood Control Improvements on River North Outfall, City and County of Denver)

EXHIBIT A





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 37, SERIES OF 2016

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Grange Hall Creek, City of Northglenn, 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 of Northglenn has enacted floodplain regulations; and

WHEREAS, the City of Northglenn and the District cooperated in the preparation of "Major Drainageway Planning Study Grange Hall Creek" dated December 1977; and

WHEREAS, the Board previously authorized \$1,220,000 for design, acquisition of right-of-way, and construction of improvements along Grange Hall Creek (Table 1 and Exhibit A); and

Table 1  
(Grange Hall Creek)  
Previous Authorizations

Resolution No.	Series of	District Authorization	Work Elements
46	2008	\$60,000	Design and Right of Way Purchases
41	2009	\$40,000	Design and Right of Way Purchases
32	2010	\$50,000	Design and Right of Way Purchases
17	2011	\$100,000	Design, Right of Way Purchases, and Construction Funding
23	2012	\$400,000	Construction Funding
42	2012	\$100,000	Construction Funding
48	2012	\$100,000	Construction Funding
66	2012	\$370,000	Construction Funding
<b>TOTAL</b>		<b>\$1,220,000</b>	

WHEREAS, the City of Northglenn and the District now desire to construct improvements along Grange Hall Creek; and

WHEREAS, the City of Northglenn has estimated the additional drainage project costs to be \$325,000 resulting in a revised total drainage project cost of \$3,808,538 (\$1,545,000 District; \$2,263,538 City of Northglenn); and

WHEREAS, the District’s additional participation being authorized by this resolution is \$325,000; 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 Grange Hall Creek; 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 Grange Hall Creek were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 46, Series of 2008, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the Grange Hall Creek project without prior approval of the Board shall be ~~\$1,220,000~~ **\$1,545,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Northglenn."
2. All other conditions and authorizations remain as stated in Resolution No. 46, Series of 2008.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 37, SERIES OF 2016

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Grange Hall Creek, City of Northglenn, Adams County)

**EXHIBIT A**







THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 38, SERIES OF 2016

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Hoffman Drainageway, 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, Adams County has enacted floodplain regulations; and

WHEREAS, Adams County and the District cooperated in the preparation of "Hoffman Drainageway Major Drainageway Planning Phase B – Conceptual Preliminary Design Report" dated October 2008; and

WHEREAS, the Board previously authorized \$150,000 for acquisition of right-of-way along the Hoffman Drainageway (Table 1 and Exhibit A); and

Table 1  
Hoffman Drainageway  
Previous Authorizations

Resolution No.	Series of	District Authorization	Work Elements
49	1997	\$150,000	Right of Way Purchases
<b>TOTAL</b>		<b>\$150,000</b>	

WHEREAS, Adams County and the District now desire to construct improvements along the Hoffman Drainageway; and

WHEREAS, Adams County has estimated the additional drainage project costs to be \$200,000 resulting in a revised total drainage project cost of \$1,152,500 (\$350,000 District; \$802,500 Adams County); and

WHEREAS, the District’s additional participation being authorized by this resolution is \$200,000; 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 the Hoffman Drainageway; 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 the Hoffman Drainageway were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

- Resolution No. 49, Series of 1997, Paragraph 3, is amended as follows:  
 “The District’s maximum contribution to the Hoffman Drainageway project without prior approval of the Board shall be ~~\$150,000~~ **\$350,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Adams County.”
- All other conditions and authorizations remain as stated in Resolution No. 49, Series of 1997.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

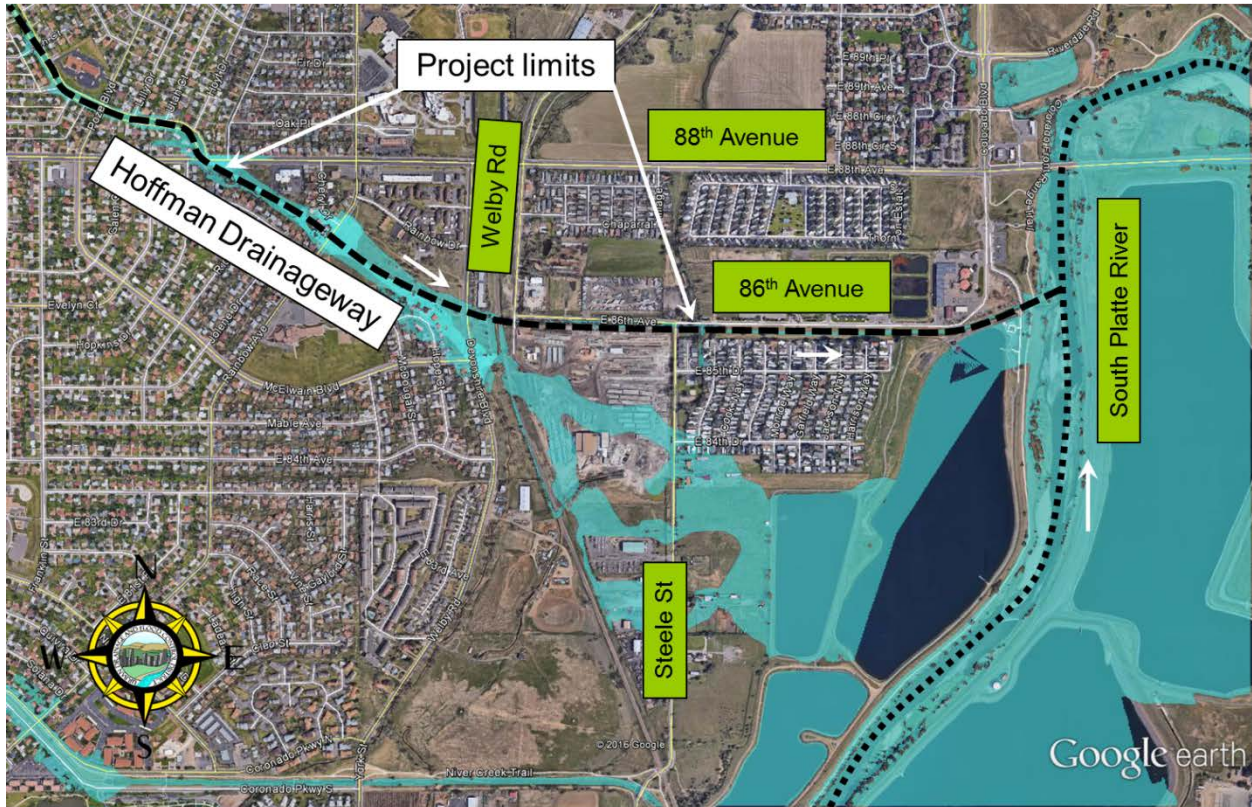
\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 38, SERIES OF 2016

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Hoffman Drainageway, Adams County)

### EXHIBIT A





**THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**

**RESOLUTION NO. 39, SERIES OF 2016**

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Piney Creek at Caley Drive, City of Centennial and Unincorporated Arapahoe 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 of Centennial and Arapahoe County have assigned and transferred to the Southeast Metro Stormwater Authority (SEMSWA) its rights and obligation for the Piney Creek at Caley Drive project; and

WHEREAS, SEMSWA, Douglas County, and the District cooperated in the preparation of "Piney Creek Major Drainageway Plan", dated February 2012; and

WHEREAS, the Board previously authorized \$3,908,000 for design, acquisition of right-of-way, and construction of improvements along Piney Creek at Caley Drive (Table 1 and Exhibit A); and

**Table 1  
Piney Creek at Caley Drive  
Previous Authorizations**

Resolution No.	Series of	District Authorization	Work Elements
40	2006	\$50,000	Phase 1 – Design Begins
57	2007	\$350,000	Phase 1 – Design Continues
69	2007	\$200,000	Phase 1 – Design Continues
07	2008	\$50,000	Phase 1 – Permitting and Land Acquisition
11	2009	\$300,000	Phase 1 – Land Acquisition
33	2010	\$200,000	Phase 1 – Construction Begins
66	2010	\$300,000	Phase 1 – Construction Complete
27	2011	\$200,000	Phase 2 – Design Begins
46	2013	\$415,000	Phase 2 – Design Continues, Project Extended Downstream
23	2014	\$443,000	Phase 3 – Design Begins, Phase 2 – Land Acquisition
28	2014	\$175,000	Phase 3 – Design Begins, Phase 2 – Land Acquisition
26	2015	\$575,000	Phase 3 – Land Acquisition and Permitting, Phase 2 – Permitting
53	2015	\$100,000	Phase 3 – Land Acquisition and Permitting, Phase 2 – Permitting
80	2015	\$550,000	Phase 2A – Funded Construction, Phase 2B and Phase 3 – Building Funds for Construction
<b>TOTAL</b>		<b>\$3,908,000</b>	Phase 2A – Construction Complete, Phase 2B and Phase 3 – Construction Scheduled 2017 - 2018

WHEREAS, SEMSWA, the Cherry Creek Basin Water Quality Authority (CCBWQA), and the District now desire to construct improvements along Piney Creek at Caley Drive; and

WHEREAS, SEMSWA, CCBWQA, and the District have estimated the additional drainage project costs to be \$6,790,000 resulting in a revised total drainage project cost of \$15,156,000 (\$4,198,000 District; \$9,808,000 SEMSWA; \$1,150,000 CCBWQA); and

WHEREAS, the District's additional participation being authorized by this resolution is \$290,000; 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 Piney Creek at Caley Drive; 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 Piney Creek at Caley Drive were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 40, Series of 2006, Paragraph 3, is further amended as follows:  
 "The District's maximum contribution to the Piney Creek at Caley Drive project without prior approval of the Board shall be ~~\$3,908,000~~ **\$4,198,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the Southeast Metro Stormwater Authority and the Cherry Creek Basin Water Quality Authority."
2. All other conditions and authorizations remain as stated in Resolution No. 40, Series of 2006.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

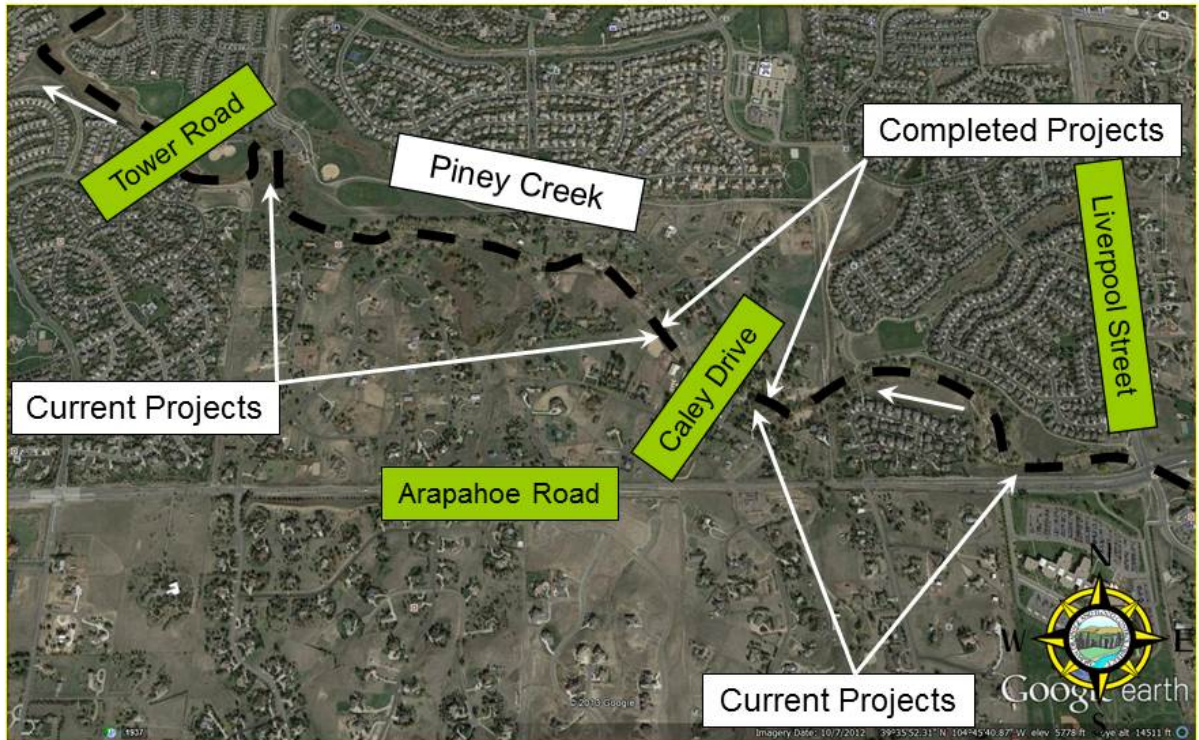


# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 39, SERIES OF 2016

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Piney Creek at Caley Drive, City of Centennial and Unincorporated Arapahoe County)

### EXHIBIT A





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 40, SERIES OF 2016

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Big Dry Creek at Cheese Ranch, Highlands Ranch Metro District, Douglas 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, Douglas County has enacted floodplain regulations; and

WHEREAS, Douglas County and the District cooperated in the preparation of "Big Dry Creek Arapahoe and Tributaries Master Drainageway Plan Phase B" dated 1998; and

WHEREAS, the Board previously authorized \$690,000 for design, acquisition of right-of-way, and construction of improvements along Big Dry Creek at Cheese Ranch (Table 1 and Exhibit A); and

Table 1
Big Dry Creek at Cheese Ranch
Previous Authorizations

Table with 4 columns: Resolution No., Series of, District Authorization, and Work Elements. It lists two resolutions (40 and 27) and a total of \$690,000 for design, right of way purchases, and construction funding.

WHEREAS, the Highlands Ranch Metro District and the District now desire to construct improvements along Big Dry Creek at Cheese Ranch; and

WHEREAS, the Highlands Ranch Metro District has estimated the additional drainage project costs to be \$400,000 resulting in a revised total drainage project cost of \$1,780,000 (\$890,000 District; \$890,000 Highlands Ranch Metro District); and

WHEREAS, the District's additional participation being authorized by this resolution is \$200,000; 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 Big Dry Creek at Cheese Ranch; 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 Big Dry Creek at Cheese Ranch were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

- 1. Resolution No. 40, Series of 2014, Paragraph 3, is further amended as follows: "The District's maximum contribution to the Big Dry Creek at Cheese Ranch project without prior approval of the Board shall be \$690,000 \$890,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the Highlands Ranch Metro District."
2. All other conditions and authorizations remain as stated in Resolution No. 40, Series of 2014.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

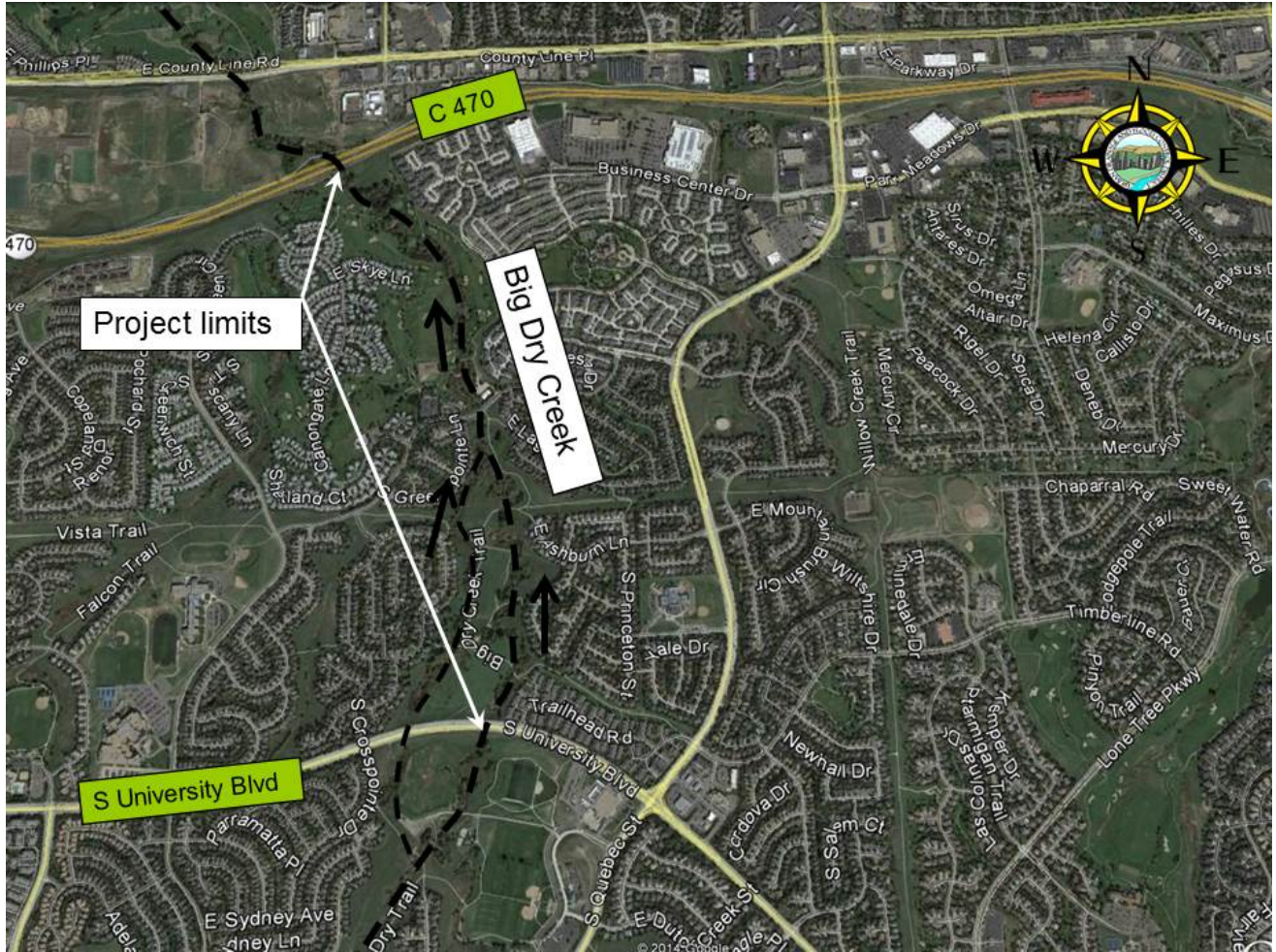


# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 40, SERIES OF 2016

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Big Dry Creek at Cheese Ranch, Highlands Ranch Metro District, Douglas County)

### EXHIBIT A





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 41, SERIES OF 2016  
(Acceptance of Lee Gulch Planning Study)

WHEREAS, the Board cooperated with the Southeast Metro Stormwater Authority (SEMSWA) in the preparation of an alternatives analysis planning study for Lee Gulch from County Line Road to Mineral Avenue (Resolution No. 30, Series of 2015); and

WHEREAS, the Executive Director executed an agreement for engineering services with the consulting firm ICON Engineering, Inc. to conduct studies and prepare an alternative analysis report for Lee Gulch from County Line Road to Mineral Avenue; and

WHEREAS, ICON Engineering, Inc. has completed the study and submitted to the District the report titled "Lee Gulch Alternative Analysis Report County Line Road to Mineral Avenue," dated August 2016.

NOW, THEREFORE, BE IT RESOLVED THAT:

The Board of Directors of the Urban Drainage and Flood Control District hereby accepts the report titled "Lee Gulch Alternative Analysis Report County Line Road to Mineral Avenue," dated August 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. 41, SERIES OF 2016  
(Acceptance of Lee Gulch Planning Study)

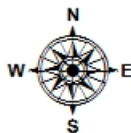
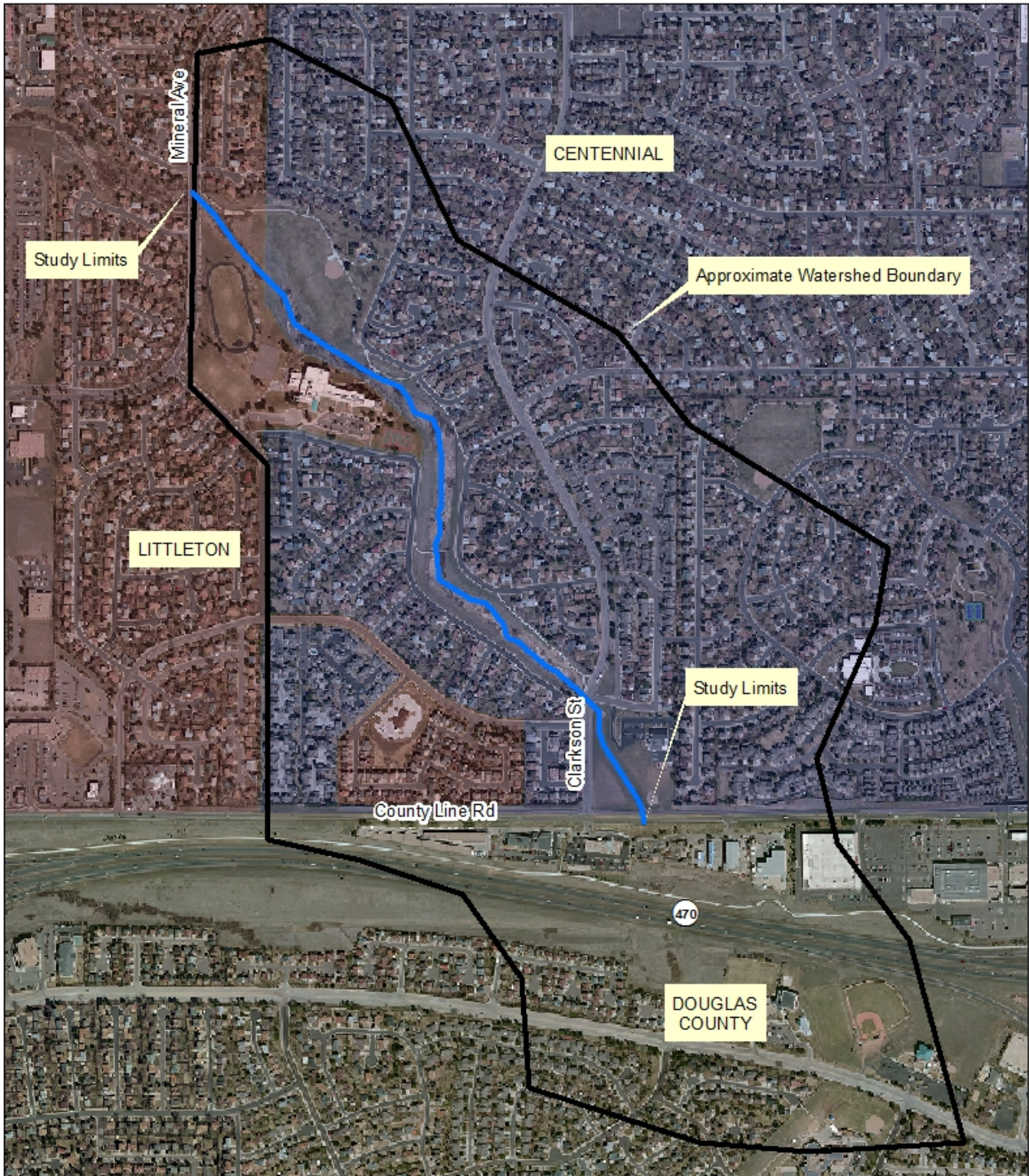


EXHIBIT A  
Lee Gulch Alternatives Analysis  
Approximate Study Limits  
November 2015



# URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## REVISED

**BOARD OF DIRECTORS MEETING**

Date: Thursday, September 15, 2016

Time: 1:00 pm

**Catered Lunch – 12:15 pm**

1. **Call to Order and Pledge of Allegiance – 1:00 pm**
2. **Introductions**
  - a. Visitors/Guests/Staff
3. **Roll Call – Determination of Quorum**
4. **Approval of August 18, 2016 Meeting Minutes** *(If there are no corrections “Minutes stand approved”, or with corrections “Minutes stand approved as corrected”)*
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
  - b. Acceptance of Plum Creek Planning Study  
(Resolution No. 42, Series of 2016)
  - c. Additional Authorization to Participate in Drainage and Flood Control Improvements on Happy Canyon Creek at Interstate 25, Douglas County  
(Resolution No. 43, Series of 2016)
  - d. Authorization to Participate in Drainage and Flood Control Improvements on Lena Gulch – Tributary H at CDOT Infield Upstream of 6th Avenue, City of Golden, Jefferson County  
(Resolution No. 44, Series of 2016)
  - e. Authorization to Participate in Drainage and Flood Control Improvements on Nissen Reservoir Drainageway, Lowell Boulevard to Tennyson Street, City and County of Broomfield  
(Resolution No. 45, Series of 2016)
  - f. Revision of Employee Policy Manual  
(Resolution No. 46, Series of 2016)
  - g. Recognition of Paul A. Hindman, Executive Director of the Urban Drainage and Flood Control District  
(Resolution No. 47, Series of 2016)
6. **Vote on Approval of the Consent Agenda** *(Motion and roll call vote required.)*
7. **Reports/Discussion**
  - a. 2017 Draft Budget
8. **Executive Session – Personnel Matter – Search for and Hiring of an Executive Director [24-6-402(4)(f)(I) and (3.5) C.R.S.]**
9. **Announcements**
  - a. Next Regularly Scheduled Meeting: **Thursday, October 20, 2016**
10. **Adjournment**







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

**August 18, 2016**

**MINUTES**

**Members Present:**

Herb Atchison, Mayor, City of Westminster  
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  
Joyce Jay, Mayor, City of Wheat Ridge  
Don Mares, Deputy Mayor, City/County of Denver  
Adam Paul, Mayor, City of Lakewood  
Renie Peterson, Mayor Pro Tem, City of Aurora  
Dave Sellards, Engineer  
Libby Szabo, Commissioner, Jefferson County  
C.J. Whelan, Mayor Pro Tem, City of Centennial  
Heidi Williams, Mayor, City of Thornton  
Mary Young, Mayor Pro Tem, City of Boulder

**Members Absent:**

Mark Hunter, Engineer  
Deb Gardner, Commissioner, Boulder County  
Paul Kashmann, Council Member, City/County of Denver  
Paul López, Council Member, City/County of Denver  
Jill Repella, Commissioner, Douglas County  
Nancy Sharpe, Commissioner, Arapahoe County  
Greg Stokes, Mayor Pro Tem, City/County of Broomfield  
Charles (Chaz) Tedesco, Commissioner, Adams County

**UDFCD Staff Present:**

Paul Hindman	Executive Director
Ed Krisor	Legal Counsel
Julia Bailey	Project Engineer, Information Services & Flood Warning
David Bennetts	Program Manager, Design, Construction, and Maintenance
Amelia Deleon	Human Resources Manager
Matthew Denhard	Student Intern, Design, Construction, and Maintenance
Laura Kroeger	Assistant Program Manager, Design, Construction, and Maintenance
Joe Labutka	Student Intern, Design, Construction, and Maintenance
Ken MacKenzie	Program Manager, Master Planning
David Mallory	Program Manager, Floodplain Management
Teresa Patterson	Project Manager, Floodplain Management
Terri Schafer	Finance and Accounting Manager
David Skuodas	Project Manager, Design, Construction, and Maintenance
Kevin Stewart	Project Manager, Information Services
Shea Thomas	Project Manager, Master Planning

**Others Present:**

None.

**FEMA Physical Map Revision Process Presentation**

In lieu of the typical, How The District Works presentation, Mr. David Mallory, Manager of the Floodplain Management Program, conducted a presentation on the FEMA Physical Map Revision Process.

1. **Call to Order and Pledge of Allegiance – 1:00 p.m.**  
Mayor Downing called the meeting to order at 1:05 p.m.
2. **Introductions**
  - a. **Visitors/Guests/Staff**  
None.
3. **Roll Call – Determination of Quorum**  
Roll was called and a quorum was declared present.
4. **Approval of June 16, 2016 Meeting Minutes**  
Mayor Downing asked if there were any corrections to the June 16, 2016 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 June, July, and August 2016, 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. **Revision to Capital Improvement Expenditure Policy (Resolution No. 34, Series of 2016)**  
The Board passed a resolution in 1973 (Resolution No. 11, Series of 1973) that identified the District’s Capital Improvements Expenditure Policy. Within this resolution, it states that the District would “report back on expenditures raised from and spent within the counties (and the cities therein)”. Since we do not have the ability to track expenditures to this level, the language in Resolution No. 11, Series of 1973 needs to reflect current practices. Resolution No. 34, Series of 2016 recommends that the language “and the cities therein” be removed.  
  
There being no further comments or questions, it was the consensus of the Board to place Resolution No. 34 on the Consent Agenda.
  - c. **Authorization to Participate in Drainage and Flood Control Improvements on Bullhead Gulch at the BNSF Railroad Crossing, City of Louisville, Boulder County (Resolution No. 35, Series of 2016)**  
This is a joint project with the City of Louisville. The City of Louisville desires to design, acquire right-of-way, and construct improvements along Bullhead Gulch at the BNSF Railroad Crossing in accordance with the "Bullhead Gulch Watershed Outfall Systems Planning Study," dated June 1992. The project includes improvements to Bullhead Gulch at the BNSF Railroad Crossing including the construction of a bridge and pedestrian underpass that will be designed to pass the 100 year frequency rainfall event. Easement and right-of-way acquisition will be included in the project costs.  
  
The District will be administering the design once a consulting engineering firm is selected. The District and the City of Louisville desire to construct the improvements which will be managed by the District. Construction is anticipated in 2019. The District and the City of Louisville have identified \$1,500,000 in total project costs for the design, right-of-way acquisition, and construction with the District's participation being \$0 in 2016 funds.  
  
It is anticipated that additional funds may be required for this project in the future. The City of Louisville has funding available for the project this year and would like to initiate the design.  
  
There being no further comments or questions, it was the consensus of the Board to place Resolution No. 35 on the Consent Agenda.

**d. Additional Authorization to Participate in Drainage and Flood Control Improvements on River North Outfall, City and County of Denver (Resolution No. 36, Series of 2016)**

This is a joint project with the City and County of Denver. Muller Engineering Company, Inc. is designing the project under contract with the District. The drainage elements of the project include installation of bank protection and pipe outfall protection. Easement and right-of-way acquisition is included in the project costs. The final design is now complete and the District and the City and County of Denver desire to construct the improvements which will be managed by the District. Construction is anticipated in 2016.

The District and the City and County of Denver have identified \$20,893,000 in total project costs with the District's participation being \$2,800,000. The previous authorizations (Resolution No. 26, Series of 2014; Resolution No. 21, Series of 2015; and Resolution No. 14, Series of 2016) totaled \$2,235,000 to fund design and to partially fund acquisition of right-of-way and construction. It is anticipated that additional funds may be required for this project in the future. Resolution No. 36 authorizes an additional \$565,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City and County of Denver 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. 36 on the Consent Agenda.

**e. Additional Authorization to Participate in Drainage and Flood Control Improvements on Grange Hall Creek, City of Northglenn, Adams County (Resolution No. 37, Series of 2016)**

This is a joint project with the City of Northglenn. Muller Engineering Company designed the project under contract with the District. The drainage elements of the project include pond outlet improvements west of Washington Street, a new culvert and pedestrian underpass for the Washington Street crossing, channel work between Washington Street and Larson Drive, and a new culvert for the Larson Drive crossing.

The City of Northglenn already holds the necessary easements and right-of-way where the project will be carried out. The final design is now complete and the District and the City of Northglenn desire to construct the improvements which will be managed by the District. Construction is anticipated in 2018.

The District and the City of Northglenn have identified \$3,808,538 in total project costs with the District's participation being \$1,545,000. The previous authorizations (Resolution No. 46, Series of 2008; Resolution No. 41, Series of 2009; Resolution No. 32, Series of 2010; Resolution No. 17, Series of 2011; Resolution No. 23, Series of 2012; Resolution No. 42, Series of 2012; Resolution No. 48, Series of 2012; and Resolution No. 66, Series of 2012) totaled \$1,220,000 to fund design and to partially fund acquisition of right-of-way and construction. It is anticipated that additional funds may be required for this project in the future. Resolution No. 37 authorizes an additional \$325,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Northglenn 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. 37 on the Consent Agenda.

**f. Additional Authorization to Participate in Drainage and Flood Control Improvements on Hoffman Drainageway, Adams County (Resolution No. 38, Series of 2016)**

This is a joint project with Adams County. Regional Rail Partners is designing the project under contract with the District. The drainage elements of the project include 100-year channel and road crossing improvements from east of Steele Street to the south side of 88<sup>th</sup> Avenue. The project includes new road crossings at Rainbow Avenue, Devonshire Boulevard, the North Metro Rail Crossing, Welby Road, and Steele Street. Easement and right-of-way acquisition will be included in the project costs. The final design is underway and the District and Adams County desire to construct the improvements which will be managed by the District. Construction is anticipated in 2017.

The District and Adams County have identified \$1,152,500 in total project costs with the District's participation being \$350,000. The previous authorization (Resolution No. 49, Series of 1997) totaled \$150,000 to fund acquisition of right-of-way. It is anticipated that additional funds may be required for this project in the future.

Resolution No. 38 authorizes an additional \$200,000 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. 38 on the Consent Agenda.

**g. Additional Authorization to Participate in Drainage and Flood Control Improvements on Piney Creek at Caley Drive, City of Centennial and Unincorporated Arapahoe County (Resolution No. 39, Series of 2016)**

This is a joint project with the Southeast Metro Stormwater Authority (SEMSWA) and the Cherry Creek Basin Water Quality Authority (CCBWQA). CH2M and Olsson and Associates 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 final design is in progress and the District, SEMSWA, and CCBWQA desire to construct the improvements which will be managed by the SEMSWA. Construction is anticipated in 2017 and 2018. The District, SEMSWA, and CCBWQA have identified \$15,156,000 in total project costs with the District's participation being \$4,198,000. The previous authorizations (Resolution No. 40, Series of 2006; Resolution No. 57, Series of 2007; Resolution No. 69, Series of 2007; Resolution No. 7, Series of 2008; Resolution No. 11, Series 2009; Resolution No. 33, Series 2010; Resolution No. 66, Series 2010; Resolution No. 27, Series of 2011; Resolution 46, Series 2013; Resolution No. 23, Series 2014; Resolution No. 28, Series 2014; Resolution No. 26, Series 2015; Resolution No. 53, Series 2015; and Resolution No. 80, Series 2015) totaled \$3,908,000 to fund design and to partially fund acquisition of right-of-way and construction.

It is anticipated that additional funds may be required for this project in the future. Resolution No. 39 authorizes an additional \$290,000 of District funds from the Special Revenue Fund - Construction to at least be matched by SEMSWA and CCBWQA 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. 39 on the Consent Agenda.

**h. Additional Authorization to Participate in Drainage and Flood Control Improvements on Big Dry Creek at Cheese Ranch, Highlands Ranch Metro District, Douglas County (Resolution No. 40, Series of 2016)**

This is a joint project with the Highlands Ranch Metro District. ICON Engineering, Inc. designed the project under contract with the District. The drainage elements of the project include installation of bank and bed stabilization measures. Easement and right-of-way acquisition is included in the project costs.

The District and the Highlands Ranch Metro District desire to construct the improvements which will be managed by the District. Construction is anticipated in the fall of 2016. The District and Highlands Ranch Metro District have identified \$1,780,000 in total project costs with the District's participation being \$890,000. The previous authorizations (Resolution No. 40, Series of 2014 and Resolution No. 27 Series of 2015) totaled \$690,000 to fund design and to partially fund acquisition of right-of-way and construction. It is anticipated that additional funds may be required for this project in the future.

Resolution No. 40 authorizes an additional \$200,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the Highlands Ranch Metro District 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. 40 on the Consent Agenda.

**i. Acceptance of Lee Gulch Planning Study (Resolution No. 41, Series of 2016)**

Resolution 30 of 2015 authorized an alternatives analysis study for drainage issues along Lee Gulch within Centennial from County Line Road to Mineral Avenue. The District partnered with SEMSWA to fund the study. ICON Engineering was selected to perform the study.



The goals of the study were to evaluate flood risk, reduce stream aggradation and improve stormwater quality. Alternatives considered include:

- Channel maintenance program
- Water quality features at storm sewer outfalls
- Creating a naturalized channel
- Culvert improvements

The recommended plan is to create a new low-flow channel from Mineral Avenue to Clarkson Street to convey the water and sediment in a more efficient manner; establish water quality ponds at storm sewer outfalls to treat stormwater before it reaches the stream; and replace the existing culvert at Clarkson Street to safely convey the 100-year flood. The total cost of improvements recommended in the study is approximately \$2 million.

Resolution No. 41 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. 41 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. 34, 35, 36, 37, 38, 39, 40, and 41, Series of 2016, and Review of Cash Disbursements dated June, July, and August 2016 be placed on the Consent Agenda. Mayor Downing moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

**7. Reports/Discussion**

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

Highline Canal Maintenance (HLC) Agreement

The City and County of Denver and Greenwood Village are proposing the idea that the District maintain the HLC. This would include trash and vegetation maintenance. Denver Water would continue to own the canal and the District would have an access agreement to conduct the maintenance. At first glance, it seems like it might work; however, concerns with assuming maintenance (structural maintenance, liability issues, and seepage in the canal) would have to be considered before moving forward. Mr. MacKenzie is meeting with stakeholder groups to identify other interested municipalities.

Councilwoman Gilmore asked how the maintenance of the HLC would be funded. Mr. MacKenzie responded that the funding would have to come from outside sources, not District funds.

Councilwoman Gilmore further stated that future discussions concerning the HLC should include equity of improvements in all areas from Waterton Canyon to the Rocky Mountain Arsenal.

Mayor Pro Tem Whelan asked if the District would be exposing itself to liability issues by maintaining the canal? Mr. Krisor responded that as with all our other maintenance activities, governmental immunity would apply since it would be considered a drainage and flood control activity.

Mr. Hindman stated that the District will provide the Board with periodic updates as the process continues.

**8. Executive Session – Personnel Matter – Executive Director's Retirement and Search for and Hiring of an Executive Director [24-6-402(4)(f)(I) and (3.5) C.R.S.]**

It was moved by Mayor Downing to go into Executive Session at 1:59 pm to discuss the status of the Executive Director's retirement and search for and hiring of an Executive Director. The Executive Session concluded at 2:22 pm.

Following the Executive Session, Deputy Mayor Mares moved to accept the Executive Committee's recommendation regarding Mr. Hindman's transitional support to the District. Upon a roll call vote the motion passed unanimously.

**9. Announcements**

- a. The next regularly scheduled Board meeting will take place on Thursday, September 15, 2016.

**10. Adjournment**

Mayor Downing adjourned the meeting at 2:23 p.m.

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 42, SERIES OF 2016  
(Acceptance of Plum Creek Planning Study)

WHEREAS, the District cooperated with Douglas County in the preparation of a major drainageway planning study for Plum Creek, West Plum Creek, and East Plum Creek (Resolution No. 61, Series of 2014); and

WHEREAS, the Executive Director executed an agreement for engineering services with the consulting firm Enginuity Engineering Solutions to conduct studies and prepare a major drainageway planning report for Plum Creek, West Plum Creek, and East Plum Creek; and

WHEREAS, Enginuity Engineering Solutions has completed the study and submitted to the District the report titled "Plum Creek, West Plum Creek, and East Plum Creek Major Drainageway Plan," dated September 2016.

NOW, THEREFORE, BE IT RESOLVED THAT:

The Board of Directors of the Urban Drainage and Flood Control District hereby accepts the report titled "Plum Creek, West Plum Creek, and East Plum Creek Major Drainageway Plan," dated September 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. 42, SERIES OF 2016  
(Acceptance of Plum Creek Planning Study)

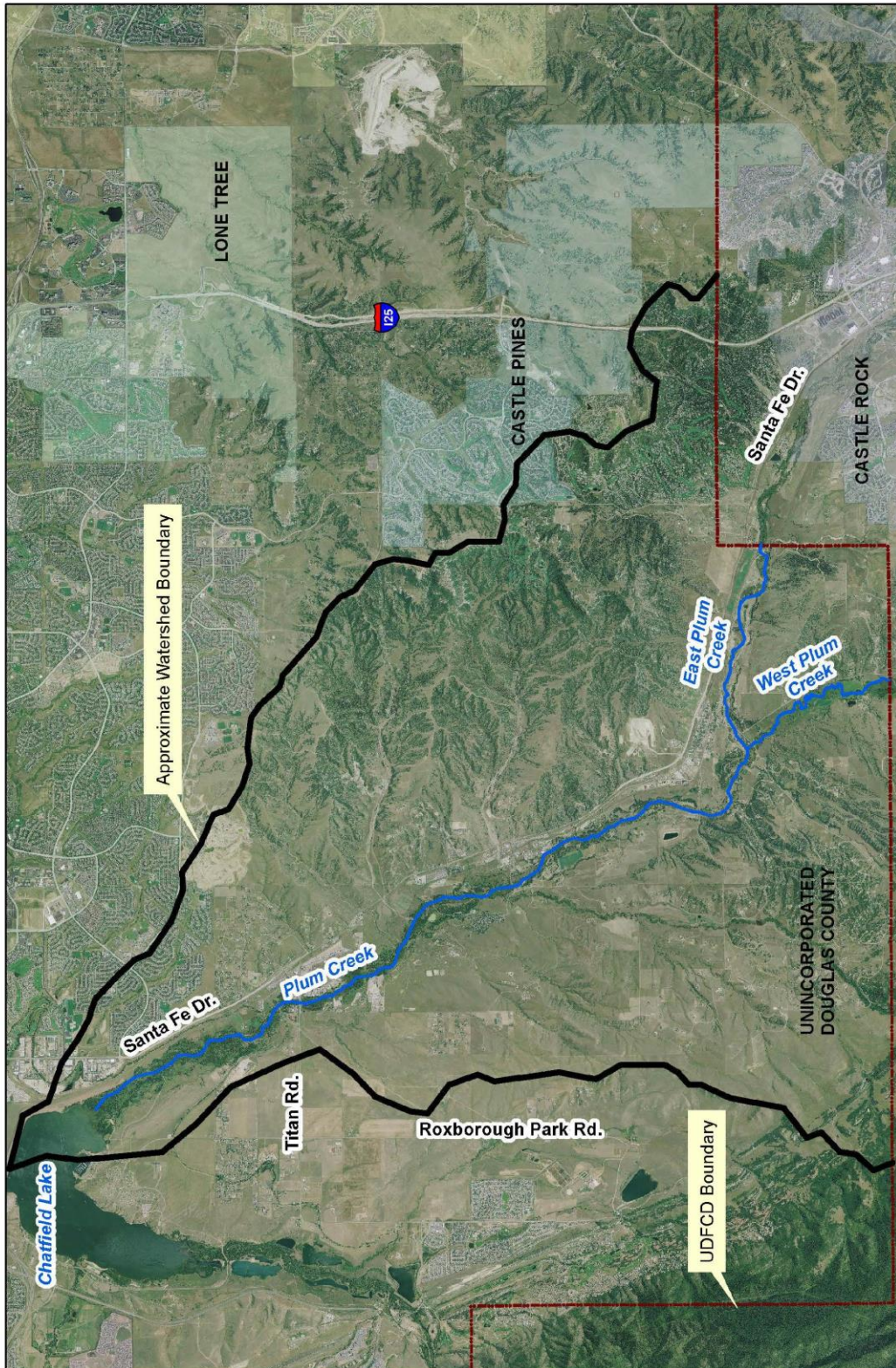
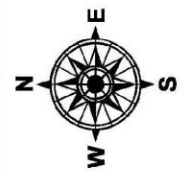


EXHIBIT A  
PLUM CREEK  
Major Drainageway Plan & FHAD  
November 2014





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 43, SERIES OF 2016  
(Additional Authorization to Participate in Drainage and Flood Control Improvements  
on Happy Canyon Creek at Interstate 25, Douglas 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, Douglas County has enacted floodplain regulations; and

WHEREAS, Douglas County and the District cooperated in the preparation of "Happy Canyon Creek Major Drainageway Plan," dated March 2014; and

WHEREAS, the Board previously authorized \$365,000 for design, acquisition of right-of-way, and construction of improvements along Happy Canyon Creek at Interstate 25 (Table 1 and Exhibit A); and

**Table 1**  
**Happy Canyon Creek at Interstate 25**  
**Previous Authorizations**

Resolution No.	Series of	District Authorization	Work Elements
33	2013	\$225,000	Design, Right of Way Purchases, and Construction Funding
38	2015	\$140,000	Design, Right of Way Purchases, and Construction Funding
<b>TOTAL</b>		<b>\$365,000</b>	

WHEREAS, Douglas County and the District now desire to construct improvements along Happy Canyon Creek at Interstate 25; and

WHEREAS, Douglas County has estimated the additional drainage project costs to be \$770,000 resulting in a revised total drainage project cost of \$1,500,000 (\$750,000 District; \$750,000 Douglas County); and

WHEREAS, the District's additional participation being authorized by this resolution is \$385,000; 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 Happy Canyon Creek at Interstate 25; 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 Happy Canyon Creek at Interstate 25 were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

- Resolution No. 33, Series of 2013, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the Happy Canyon Creek at Interstate 25 project without prior approval of the Board shall be ~~\$365,000~~ **\$750,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Douglas County."
- All other conditions and authorizations remain as stated in Resolution No. 33, Series of 2013.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

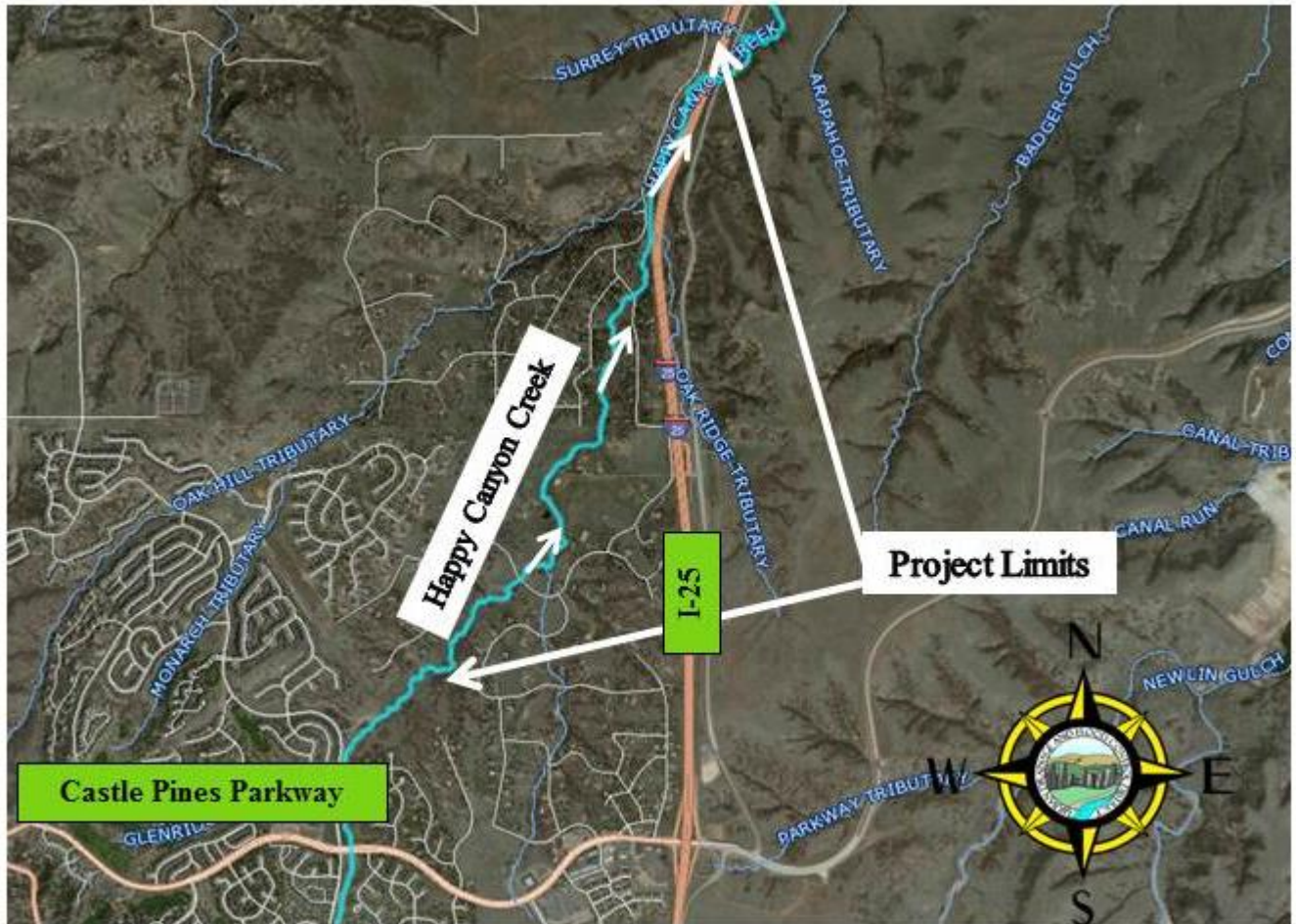
\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 43, SERIES OF 2016

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Happy Canyon Creek at Interstate 25, Douglas County)

**EXHIBIT A**







# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 44, SERIES OF 2016

(Authorization to Participate in Drainage and Flood Control Improvements  
on Lena Gulch – Tributary H at CDOT Infield Upstream of 6th Avenue, City of Golden, Jefferson 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 of Golden and Jefferson County have enacted floodplain regulations; and

WHEREAS, the City of Golden, Jefferson County, and the District cooperated in the preparation of "Pleasantview Area Watershed Outfall Systems Planning – Preliminary Design," dated February 1999; and

WHEREAS, the City of Golden and Jefferson County have requested District participation in the design and construction of improvements along Lena Gulch – Tributary H at CDOT Infield upstream of 6th Avenue (Exhibit A); and

WHEREAS, the City of Golden and Jefferson County have estimated the total drainage project costs to be \$905,000; and

WHEREAS, the District's participation being authorized by this resolution is \$420,000; 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 design and construction of drainage and flood control improvements along Lena Gulch – Tributary H at CDOT Infield upstream of 6th Avenue; 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 Lena Gulch – Tributary H at CDOT Infield upstream of 6th Avenue were included.

### NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with the City of Golden and Jefferson County for the design and construction of drainage and flood control improvements on Lena Gulch – Tributary H at CDPT Infield upstream of 6th Avenue.
2. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, qualified contractors, and others as necessary for the design and construction of drainage and flood control improvements on Lena Gulch – Tributary H at CDOT Infield upstream of 6th Avenue.
3. The District's maximum contribution to the Lena Gulch – Tributary H at CDOT Infield upstream of 6th Avenue project, without prior approval of the Board, shall be \$420,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Golden and Jefferson County.
4. Such approval for expenditure of District funds is contingent upon the City of Golden and Jefferson County agreeing to regulate and control any defined floodplain in the Lena Gulch – Tributary H at CDOT Infield upstream of 6th Avenue project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

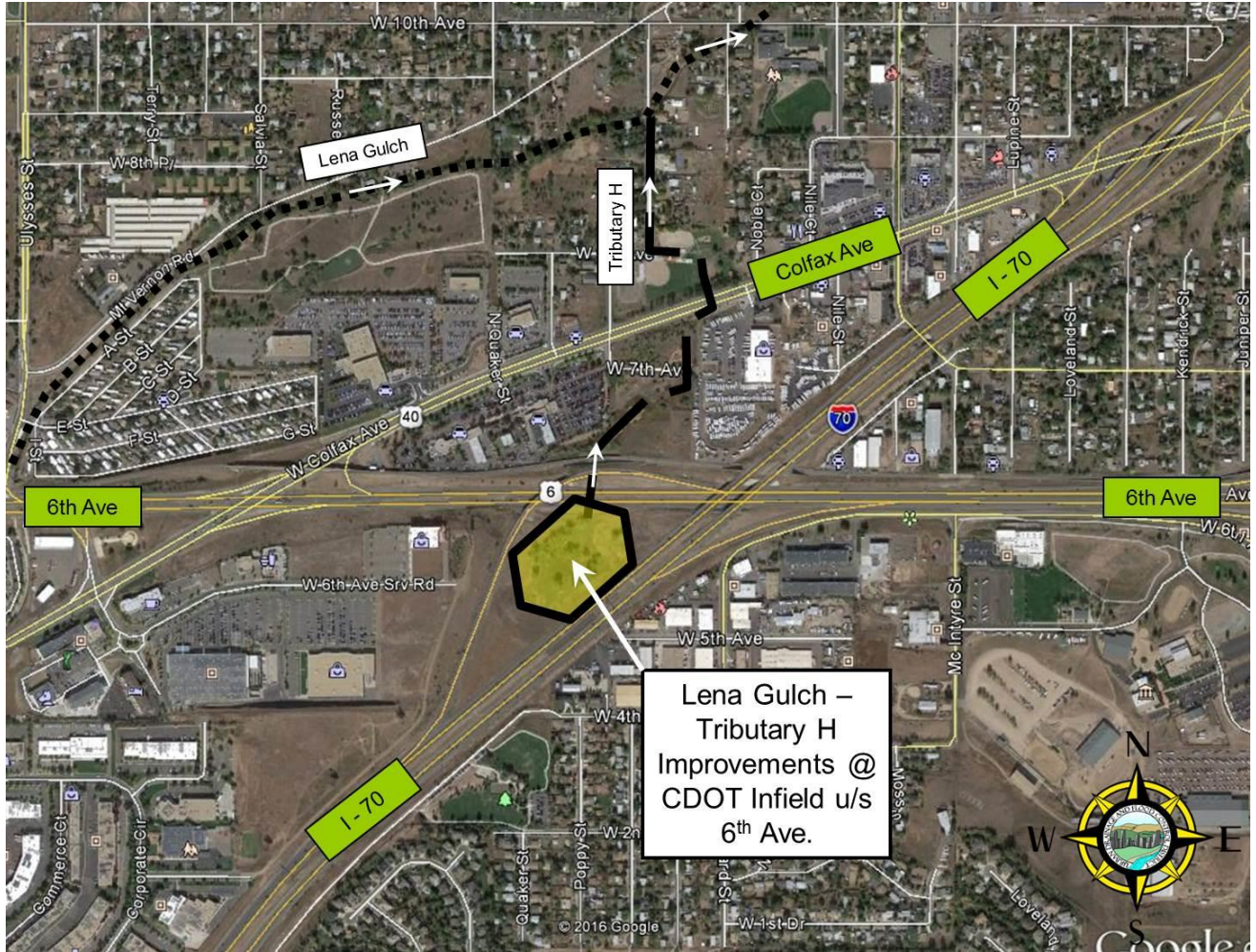
\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 44, SERIES OF 2016

(Authorization to Participate in Drainage and Flood Control Improvements on Lena Gulch – Tributary H at CDOT Infield Upstream of 6th Avenue, City of Golden, Jefferson County)

### EXHIBIT A





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 45, SERIES OF 2016

(Authorization to Participate in Drainage and Flood Control Improvements  
on Nissen Reservoir Drainageway, Lowell Boulevard to Tennyson Street, City and County of Broomfield)

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 has enacted floodplain regulations; and

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

WHEREAS, the City and County of Broomfield has requested District participation in the design, acquisition of right-of-way, and construction of improvements along Nissen Reservoir Drainageway, Lowell Boulevard to Tennyson Street (Exhibit A); and

WHEREAS, the City and County of Broomfield has estimated the total drainage project costs to be \$520,000; and

WHEREAS, the District's participation being authorized by this resolution is \$260,000; 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 design, acquisition of right-of-way, and construction of drainage and flood control improvements along Nissen Reservoir Drainageway, Lowell Boulevard to Tennyson Street; 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 Nissen Reservoir Drainageway, Lowell Boulevard to Tennyson Street were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with the City and County of Broomfield for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Nissen Reservoir Drainageway, Lowell Boulevard to Tennyson Street.
2. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, qualified contractors, and others as necessary for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Nissen Reservoir Drainageway, Lowell Boulevard to Tennyson Street.
3. The District's maximum contribution to the Nissen Reservoir Drainageway, Lowell Boulevard to Tennyson Street project, without prior approval of the Board, shall be \$260,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City and County of Broomfield.
4. Such approval for expenditure of District funds is contingent upon the City and County of Broomfield agreeing to regulate and control any defined floodplain in the Nissen Reservoir Drainageway, Lowell Boulevard to Tennyson Street project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed

improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 45, SERIES OF 2016

(Authorization to Participate in Drainage and Flood Control Improvements on Nissen Reservoir Drainageway, Lowell Boulevard to Tennyson Street, City and County of Broomfield)

### EXHIBIT A





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 46, SERIES OF 2016  
(Revision of Employee Policy Manual)

WHEREAS, the Board previously adopted the District Employee Policy Manual (Resolution No. 66, Series of 2015) which went into effect January 2016; and

WHEREAS, the Employee Policy Manual is a policy document that requires any changes be made through Board approval and authorized by resolution; and

WHEREAS, the Board now desires to revise the Employee Policy Manual to reflect edits made to the following section:

- Parental Leave (new addition)

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board hereby approves the addition of Parental Leave, under Family and Medical Leave (Page 6) as follows:  
 Parental Leave  
 UDFCD may grant paid leave up to eighty (80) hours per calendar year for Parental Leave due to the birth or adoption of a child. Employees eligible for parental leave must be a biological or adoptive parent. Following the paid parental leave, all available sick leave and earned annual leave can be used to supplement the additional time needed.
2. The Board hereby approves the modification of Parental Leave, fifth bullet, under Family and Medical Leave (Page 6) as follows:  
 With the exception of Parental Leave, all available sick leave and earned vacation are used at the beginning of the leave of absence.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 47, SERIES OF 2016

(Recognition of Paul A. Hindman, Executive Director of the Urban Drainage and Flood Control District)

WHEREAS, Paul A. Hindman, Executive Director of the Urban Drainage and Flood Control District, retired on September 16, 2016, after completing 31 outstanding years of service to the District; and

WHEREAS, Mr. Hindman received his Bachelor of Science Degree in Agricultural Engineering from Colorado State University; obtained his Master's Degree in Business Management from the University of Colorado at Denver, and is a Professional Engineer licensed in the State of Colorado; and

WHEREAS, Paul A. Hindman began his esteemed career at the District on January 7, 1985, as a Project Engineer for the Maintenance Program; and

WHEREAS, Mr. Hindman was quickly recognized as a valuable addition to the District, and was therefore steadily promoted through the ranks from Project Engineer to Program Manager, to Executive Director in 2008; and

WHEREAS, during his 31-year tenure, Mr. Hindman's experience as a professional engineer has been invaluable to the Board and the District; and

WHEREAS, Mr. Hindman has made significant contributions to a number of professional organizations such as American Public Works Association (APWA), the Colorado County Officials & Employees Retirement Association (CCOERA), and the National Association of Flood & Stormwater Management Agencies (NAFSMA) during his career; and

WHEREAS, Mr. Hindman has earned the admiration and respect of his staff, colleagues, the Board of Directors, and the industry through his dedication, enthusiasm, professionalism, hard work, and sense of humor; and

WHEREAS, Mr. Hindman's legacy will forever be remembered through the numerous projects he has completed, including the Utah Park Redevelopment at Westerly Creek, the Storm Water Sewer Pipe Material Technical Memorandum, and the Sand Creek Park Drop Structure innovations, just to name a few; and

WHEREAS, Mr. Hindman's unwavering commitment to the District staff through leadership, policies, and procedures, has helped strengthen the culture and will continue to pave the way for the District, for many years to come.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board of Directors of the Urban Drainage and Flood Control District hereby recognizes the contributions that Paul Hindman has made to the District, and his profession, and thanks him for his 31 years of service.
2. The Board takes great pleasure in recognizing the significant professional achievements of Mr. Paul Hindman, and herewith expresses its sincere gratitude for the invaluable contributions he has made to the District.
3. The Board hereby extends its heartfelt thanks to Paul Hindman for his 31 years of peerless performance and dedicated public service.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

---

## BOARD OF DIRECTORS MEETING

Date: Thursday, October 13, 2016

Time: 12:30 pm

Catered Lunch – 12:00 pm

1. **Call to Order and Pledge of Allegiance – 12:30 pm**
2. **Introductions**
  - a. Visitors/Guests/Staff
3. **Roll Call – Determination of Quorum**
4. **Approval of September 15, 2016 Meeting Minutes** *(If there are no corrections “Minutes stand approved”, or with corrections “Minutes stand approved as corrected”)*
5. **Public Hearing**
  - a. 2017 Budget
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. Certification of Tax Levy  
(Resolution No. 48, Series of 2016)
  - c. Adoption of 2017 Budget  
(Resolution No. 49, Series of 2016)
  - d. Appropriation of Funds for 2017  
(Resolution No. 50, Series of 2016)
7. **Vote on Approval of the Consent Agenda** *(Motion and roll call vote required)*
8. **Executive Session – Personnel Matter – Interview of Three Candidates for the Executive Director [24-6-402(4)(f)(I) and (3.5) C.R.S.]**
  - a. Appointment of New Executive Director  
(Resolution No. 51, Series of 2016)
9. **Announcements**
  - a. Next Regularly Scheduled Meeting: **Thursday, November 17, 2016**
10. **Adjournment**







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

**September 15, 2016**

**MINUTES**

**Members Present:**

Herb Atchison, Mayor, City of Westminster  
Bruce Beckman, Mayor, City of Littleton  
Joyce Downing, Mayor, City of Northglenn  
Bob Fifer, Mayor Pro Tem, City of Arvada  
Mark Hunter, Engineer  
Joyce Jay, Mayor, City of Wheat Ridge  
Paul Kashmann, Council Member, City/County of Denver  
Paul López, Council Member, City/County of Denver  
Dom Mares, Deputy Mayor, City/County of Denver  
Adam Paul, Mayor, City of Lakewood  
Dave Sellards, Engineer  
Nancy Sharpe, Commissioner, Arapahoe County  
Greg Stokes, Mayor Pro Tem, City/County of Broomfield  
Libby Szabo, Commissioner, Jefferson County  
Charles (Chaz) Tedesco, Commissioner, Adams County  
C.J. Whelan, Mayor Pro Tem, City of Centennial  
Heidi Williams, Mayor, City of Thornton  
Mary Young, Mayor Pro Tem, City of Boulder

**Members Absent:**

Deb Gardner, Commissioner, Boulder County  
Stacie Gilmore, Council Member, City/County of Denver  
Renie Peterson, Mayor Pro Tem, City of Aurora  
Jill Repella, Commissioner, Douglas County

**UDFCD Staff Present:**

Paul Hindman	Executive Director
Ed Krisor	Legal Counsel
David Bennetts	Manager, Design, Construction, and Maintenance
Darren Bradshaw	Construction Manager, Design, Construction, and Maintenance
Margaret Corkery	Senior Administrative Assistant
Amelia Deleon	Human Resources Manager
Matthew Denhard	Student Intern, Design, Construction, and Maintenance
Brian Fischer	Student Intern, Design, Construction, and Maintenance
Jeff Fisher	Senior Construction Manager, Design, Construction, and Maintenance
Elliott Gordon	Student Intern, Design, Construction, and Maintenance
Geanesia Hinton	Senior Administrative Assistant
Omer Karaketir	Student Intern, Master Planning
Devin Keener	Student Intern, Information Services and Flood Warning
Laura Kroeger	Assistant Program Manager, Design, Construction, and Maintenance
Joseph Labutka	Student Intern, Design, Construction, and Maintenance
Doron Levary	Student Intern, Floodplain Management
Monica Lovato-Ramirez	Student Intern, Design, Construction, and Maintenance
Ken MacKenzie	Program Manager, Master Planning
David Mallory	Program Manager, Floodplain Management
Steve Materkowski	Senior Construction Manager, Design, Construction, and Maintenance
Fernanda Oliveira	Student Intern, Design, Construction, and Maintenance
Wanda Salazar	Accountant
Terri Schafer	Finance and Accounting Manager
Derrick Schaeur	Information Systems Technician
David Skuodas	Project Manager, Design, Construction, and Maintenance

Jason Stawski	Construction Manager, Design, Construction, and Maintenance
Julissa Tiruchelvam	Receptionist
Joe Williams	Senior Construction Manager, Design, Construction, and Maintenance
Brik Zivkovich	Student Intern, Master Planning

**Others Present:**

None.

**1. Call to Order and Pledge of Allegiance – 1:00 p.m.**

Mayor Downing called the meeting to order at 1:04 p.m.

**2. Introductions**

**a. Visitors/Guests/Staff**

This being Mr. Hindman's last Board Meeting, the entire District Staff was invited to have lunch with the Board and attend this month's meeting. No additional visitors or guests were in attendance.

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

Roll was called and a quorum was declared present.

**4. Approval of August 18, 2016 Meeting Minutes**

Mayor Downing asked if there were any corrections to the August 18, 2016 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 August and September 2016, 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. Acceptance of Plum Creek Planning Study  
(Resolution No. 42 Series of 2016)**

Resolution No. 61 of 2014 authorized a major drainageway planning study for drainage issues along Plum Creek, West Plum Creek, and East Plum Creek within the District boundaries. The District partnered with Douglas County to fund the study. Enginuity Engineering Solutions was selected to perform the study.

The Plum Creek watershed is very large, with a total drainage area of 321 square miles originating at the Palmer Divide. The most damaging flood that has been recorded on Plum Creek occurred in June of 1965, producing an estimated peak flow of 150,000 cfs. The creek bed is extremely sandy and subject to lateral movement during even small storm events, resulting in a braided stream network.

The goals of the study were to evaluate and mitigate flood risk, identify strategic streambank stabilization opportunities, address environmental and public safety concerns, and provide a tool for the county to effectively guide future development in the watershed. Alternatives considered include:

- Improved crossing structures
- Floodplain management
- Ecological and habitat restoration
- Property acquisition of the right of way
- Stream stabilization and sediment transport
- Channel migration zone mitigation
- Vegetation management

The recommended plan is to preserve the channel migration zone to prevent new development in high risk areas and to stabilize the channel where the banks are actively eroding and encroaching on private property. The total cost of improvements recommended in the study is approximately \$60 million.

Resolution No. 42 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. 42 on the Consent Agenda.

**c. Additional Authorization to Participate in Drainage and Flood Control Improvements on Happy Canyon Creek at Interstate 25, Douglas County (Resolution No. 43, Series of 2016)**

This is a joint project with Douglas County. Muller Engineering Company, Inc. designed the project under contract with the District. The drainage elements of the project include installation of channel bank and bed improvements. Easement and right-of-way acquisition is included in the project costs. The final design is now complete and the District and Douglas County desire to construct the improvements which will be managed by the District. Construction is anticipated in the Fall of 2017.

The District and Douglas County have identified \$1,500,000 in total project costs with the District's participation being \$750,000. The previous authorizations (Resolution No. 33, Series of 2013 and Resolution No. 38, Series of 2015) totaled \$365,000 to fund design and to partially fund acquisition of right-of-way and construction. It is anticipated that additional funds may be required for this project in the future.

Resolution No. 43 authorizes an additional \$385,000 of District funds from the Special Revenue Fund - Construction to at least be matched by Douglas 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. 43 on the Consent Agenda.

**d. Authorization to Participate in Drainage and Flood Control Improvements on Lena Gulch – Tributary H at CDOT Infield Upstream of 6th Avenue, City of Golden, Jefferson County (Resolution No. 44, Series of 2016)**

This is a joint project with the City of Golden and Jefferson County. The City of Golden and Jefferson County desire to design and construct improvements along Lena Gulch – Tributary H in Golden in accordance with the "Pleasantview Area Watershed Outfall Systems Planning – Preliminary Design," dated February 1999. The project includes improvements to enlarge the existing detention basin within the I-70/6th Avenue interchange infield to provide 22 Acre feet,ft of detention storage. 100-year flows will be reduced by 65 percent (450cfs to 160 cfs). As a result, enlarged crossings at 6th Avenue and downstream at Colfax Avenue will not be required. In addition, the risk of flooding downstream of Colfax Avenue within an often-flooded, unchannelized reach of Tributary H in Jefferson County will be reduced significantly.

The Colorado Department of Transportation (CDOT) originally rejected this solution; however, they now realize the water quality benefits of such a basin and are participating with the City of Golden by providing funding from their Permanent Water Quality (PWQ) Mitigation Pool Fund for design and construction.

CDOT currently holds the necessary easements and right-of-way for the project site. The District is administering the design with Muller Engineering Company. The District, the City of Golden and Jefferson County desire to construct the improvements which will be managed by the District. Construction is anticipated in 2017-2018. The District, City of Golden and Jefferson County have identified \$905,000 in initial project costs for the design and partial funding of construction with the District's participation being \$420,000 in 2016 funds. It is anticipated that additional funds may be required for this project in the future.

Resolution No. 44 authorizes \$420,000 of District funds from the Special Revenue Fund – Construction to at least be matched by the City of Golden and Jefferson County for the design 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. 44 on the Consent Agenda.

**e. Authorization to Participate in Drainage and Flood Control Improvements on Nissen Reservoir Drainageway, Lowell Boulevard to Tennyson Street, City and County of Broomfield (Resolution No. 45, Series of 2016)**

This is a joint project with the City and County of Broomfield. The City and County of Broomfield desires to design, acquire right-of-way, and construct improvements along Nissen Reservoir Drainageway in accordance with the "City Park and 3207 Drainageways Outfall Systems Planning Study," dated June 2006. The project includes channel improvements, drop structures, and improvements to roadway crossings to safely convey the 100-year storm runoff. Easement and right-of-way acquisition will be included in the project costs. The District will be administering the design once a consulting engineering firm is selected. The District and the City and County of Broomfield desire to construct the improvements which will be managed by the District. Construction is anticipated in 2019.

The District and the City and County of Broomfield have identified \$520,000 in initial project costs for the design, right-of-way acquisition, and partial funding of construction with the District's participation being \$260,000 in 2016 funds. It is anticipated that additional funds may be required for this project in the future since the estimated total project cost is \$2,500,000. Resolution No. 45 authorizes \$260,000 of District funds from the Special Revenue Fund – Construction to at least be matched by the City and County of Broomfield for the design, acquisition of right-of-way, and construction of the drainage elements of the project.

Mayor Atchison recommended that Mr. Dave Bennetts contact the City of Westminster City Engineer, Dave Downing, to discuss this project since it will have an impact on Westminster.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 45 on the Consent Agenda.

**f. Revision of Employee Policy Manual (Resolution No. 46, Series of 2016)**

The District Employee Policy Manual was adopted in January of 2016. Resolution No. 46 would revise the manual to grant District employees paid leave up to eighty (80) hours per calendar year for Parental Leave.

Mayor Herb Atchison asked if the District's Employee Policy Manual includes any guidance on addressing workplace violence concerning elected officials. Ms. Amelia Deleon, Human Resources Manager, confirmed that it currently does not. A recommendation was made for Mr. Ed Krisor and Ms. Deleon to develop a process that would address this concern.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 46 on the Consent Agenda.

**g. Recognition of Paul A. Hindman, Executive Director of the Urban Drainage and Flood Control District (Resolution No. 47, Series of 2016)**

This resolution is in recognition of Mr. Paul Hindman for his 31 years of dedicated service to the District. The Board of Directors expressed their thanks for his support and commitment and recognized that his contributions were vital to the success and growth of the District.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 47 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. 42, 43, 44, 45, 46 and 47, Series of 2016, and Review of Cash Disbursements dated August and September 2016 be placed on the Consent Agenda. Mayor Downing moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

**7. Reports/Discussion**

**a. 2017 Draft Budget**

The Draft 2017 Budget was distributed to the Board a few days prior to the Board Meeting. Mr. Hindman provided a general outline of the financial model including how TABOR is calculated, assessed valuations, and TABOR refunds. Mr. Hindman asked that the Board review the budget and direct any questions to him.

The Board will be approving the Final 2017 Budget at the October Board Meeting. The Final 2017 Budget will be sent out to the Board in advance of the October Board Meeting.

**8. Executive Session – Personnel Matter – Search for and Hiring of an Executive Director [24-6-402(4)(f)(I) and (3.5) C.R.S.]**

It was moved by Mayor Downing to go into Executive Session at 1:48 p.m. to discuss the status of the search for and hiring of an Executive Director. The Executive Session concluded at 2:44 p.m.

Following the Executive Session, it was decided that the Board of Directors would like to hold interviews with the three finalists (Mr. Dave Bennetts, Mr. Ken MacKenzie, and Mrs. Laura Kroeger) at the October Board Meeting. The specifics around the meeting/interview format are to be determined and more information will be made available shortly.

**9. Announcements**

- a. The next regularly scheduled Board meeting will take place on Thursday, October 20, 2016.  
[The Board meeting was later rescheduled to October 13, 2016.]

**10. Adjournment**

Mayor Downing adjourned the meeting at 2:44 p.m.





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 48, SERIES OF 2016  
(Certification of Tax Levy)

WHEREAS, authority for the Board of Directors to levy and cause to be collected taxes on and against all taxable property within the District by certifying to the body having authority to levy taxes within each county wherein the District has any territory, the rate so fixed with directions that such body having authority to levy taxes shall levy such taxes upon the assessed valuation of all taxable property within the District in addition to such other taxes as may be levied by such body as contained in 32-11-217(1)(c) (I) and (I.5) C.R.S.; and

WHEREAS, the net assessed valuation of the District of all taxable property subject to taxation for the year of 2016 is \$45,611,853,874 for all territories within the District, and the individual totals for each county wherein the District has territory are as follows:

ADAMS	\$ 5,212,522,380
ARAPAHOE	\$ 8,898,541,827
BOULDER	\$ 5,073,316,614
BROOMFIELD	\$ 1,226,025,394
DENVER	\$13,482,572,713
DOUGLAS	\$ 4,394,512,877
JEFFERSON	\$ 7,324,362,069

WHEREAS, authority for the Board of Directors to levy a rate not in excess of 1.0 mill for those portions of Adams, Arapahoe, Denver, Douglas, and Jefferson counties lying within the District is contained in 32-11-217(1)(c)(I) and 32-11-217(1)(c)(I.5) C.R.S., with the further provision that one-tenth of a mill shall be used for engineering and operations of the District; four-tenths of a mill shall be used for capital construction; four-tenths of a mill shall be used for maintenance; and one-tenth of a mill shall be used for the maintenance of and improvements on that portion of the South Platte River and its tributaries, which lie within the District; and

WHEREAS, authority for the Board of Directors to levy a rate not in excess of nine-tenths of a mill for that portion of Boulder County and the City and County of Broomfield lying within the District is contained in 32-11-217(1)(c)(I) C.R.S., with the further provision that one-tenth of a mill shall be used for engineering and operations of the District, four-tenths of a mill shall be used for capital construction, and four-tenths of a mill shall be used for maintenance and preservation of floodways and floodplains.

IN ADDITION:

WHEREAS, the District for the fiscal year 2017 (2016 taxes collected in 2017 hereinafter referred to as “fiscal year 2017”) has determined to levy 0.780 mill on all taxable property within the District in the counties of Adams, Arapahoe, Denver, Douglas, and Jefferson and levy 0.696 mill on all taxable property within the District in the County of Boulder and the City and County of Broomfield; and

WHEREAS, such levies will cause the revenues to the District for the fiscal year 2017 to exceed the limitations set forth in Section 20 of Article X of the Constitution of Colorado (The Taxpayers Bill of Rights) TABOR by approximately \$7,153,012; and

WHEREAS, the District has determined to comply with TABOR in regard to fiscal year 2017 by a temporary mill levy reduction in advance of the receipt of revenues in 2017 of 0.160 mill on all taxable property within the District in the counties of Adams, Arapahoe, Denver, Douglas, and Jefferson and by a temporary mill levy reduction in advance of the receipt of revenues in 2017 of 0.137 mill on all taxable property within the District in the County of Boulder and the City and County of Broomfield; and

WHEREAS, such temporary mill levy rate reductions in advance of the receipt of revenues in fiscal year 2017 will lower the receipt of revenues by the District to an amount that will not exceed the limitations set forth in TABOR.

NOW, THEREFORE, BE IT RESOLVED:

That the Board of Directors of the District does hereby adopt the following:

SECTION 1: In Adams, Arapahoe, Denver, Douglas, and Jefferson Counties the levy of taxes by the District shall be set at the net rate of 0.620 mill (see Exhibit A) on and against all taxable property within the District subject to taxation for the year 2017 after deducting the temporary mill levy reduction referred to above.

SECTION 2: In Boulder County and the City and County of Broomfield the levy of taxes by the District shall be set at the net rate of 0.559 mill (see Exhibit B) on and against all taxable property within the District subject to taxation for the year 2017 after deducting the temporary mill levy reduction referred to above.

SECTION 3: These levies shall be certified to the body having authority to levy taxes within each county wherein the District has any territory, to wit: the City Council of the City and County of Denver, the City Council of the City and County of Broomfield and the separate Boards of County Commissioners of Adams, Arapahoe, Boulder, Douglas, and Jefferson Counties.

SECTION 4: The person whom the Board of Directors authorizes to receive the funds collected by the separate counties within the District shall be the Executive Director.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 48, SERIES OF 2016  
(Certification of Tax Levy)

Exhibit A

2017 Mill levy for Adams, Arapahoe, Denver, Douglas, and Jefferson Counties

	<u>Gross Levy</u>	<u>Temporary Mill Levy Reduction</u>	<u>Net Levy</u>
UDFCD (Parent) Levy	0.696	0.137	0.559
UDFCD/SPR Levy	0.084	0.023	0.061
Total	0.780	0.160	0.620

Net Levy is 0.620 mill

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 48, SERIES OF 2016  
(Certification of Tax Levy)

**Exhibit B**

**2017 Mill levy for Boulder and Broomfield Counties**

	<u>Gross Levy</u>	<u>Temporary Mill Levy Reduction</u>	<u>Net Levy</u>
<b>UDFCD</b>	<b>0.696</b>	<b>0.137</b>	<b>0.559</b>

**Net Levy is 0.559 mill**

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 49, SERIES OF 2016  
(Adoption of 2017 Budget)

WHEREAS, budgets for the following funds have been considered by the Board of Directors of the Urban Drainage and Flood Control District:

1. General Fund
2. Special Revenue Fund - Construction
3. Special Revenue Fund - Maintenance
4. Special Revenue Fund - South Platte River
5. Capital Projects Fund
6. Flood Emergency Contingency Fund

WHEREAS, the Board of Directors of the Urban Drainage and Flood Control District considers all unreserved fund balances as of January 1, 2017 and December 31, 2017 to be “reserves” for future operations or capital replacement as defined in Section 20 of Article X of the Constitution of the State of Colorado; and

WHEREAS, the District scheduled a public hearing for October 13, 2016, and published notice of same; and

WHEREAS, said hearing has been held as provided by law.

NOW, THEREFORE, BE IT RESOLVED THAT:

The Board of Directors of the Urban Drainage and Flood Control District approves and adopts the following budgets for Fiscal (calendar) Year 2017 as hereinafter set forth.

**I. GENERAL FUND**

A.	FUND BALANCE: 1/1/17	
1.	Restricted - Emergency Reserve	123,602
2.	Reserve for Future Operations	405,725
B.	REVENUE:	
1.	Taxes	3,815,000
2.	Manuals and Publications	500
3.	Seminars and Conferences	35,000
4.	Interest	7,000
5.	Miscellaneous	500
6.	Project Participation Refund	5,000
	Total Revenue	<u>3,863,000</u>
C.	OTHER FINANCING SOURCES AND OPERATING TRANSFERS:	
1.	Project Returns – Interest	2,500
2.	Transfers from Other Fund	<u>0</u>
	Total	2,500
D.	TOTAL FUNDS AVAILABLE:	4,271,225
E.	EXPENDITURES:	
1.	Salaries and Services	2,032,594
2.1	Floodplain Management Activities	435,000

2.2	Information Services and Flood Warning	285,000
3.	Drainage Master Plans	630,000
4.	Special Projects	415,000
5.	Office and Operating Costs	322,100
6.	Local Expenses and Travel	63,000
7.	Treasurer's Fees	54,595
8.	Other	16,250
9.	Emergency Reserve	4,004
10.	Transfer to Other Fund	0
	Total Expenditures	<u>4,257,543</u>

F.	FUND BALANCE: 12/31/17	
1.	Restricted - Emergency Reserve	127,606
2.	Reserve for Future Operations	13,682

## II. SPECIAL REVENUE FUND - CONSTRUCTION

A.	FUND BALANCE: 1/1/17	
1.	Restricted - Emergency Reserve	357,446
2.	Reserve for Future Operations	1,183,013

B.	REVENUE:	
1.	Taxes	12,250,000
2.	Interest	15,000
3.	Other	0
4.	Project Participation Refund	90,000
	Total Revenues	<u>12,355,000</u>

C.	OTHER FINANCING SOURCES AND OPERATING TRANSFERS:	
1.	Project Returns - Interest	30,000
2.	Transfers from Other Funds	0
	Total	<u>30,000</u>

D.	TOTAL FUNDS AVAILABLE:	13,568,013
----	------------------------	------------

E.	EXPENDITURES:	
1.	Salaries and Services	1,028,747
2.	Operating Costs	324,600
3.	Local Expenses and Auto, and Travel	40,000
4.	Construction	11,817,500
5.	MGR Replacement Fund	0
6.	Treasurer's Fees	164,250
7.	Contingencies	116,000
8.	Emergency Reserve	47,287
9.	Transfer to Other Funds	0
	Total Expenditures	<u>13,538,384</u>

F.	FUND BALANCE: 12/31/17	
1.	Restricted – Emergency Reserve	404,733
2.	Reserve for Future Operations	29,629

**III. SPECIAL REVENUE FUND - MAINTENANCE**

A.	FUND BALANCE: 1/1/17	
1.	Restricted - Emergency Reserve	359,840
2.	Reserve for Future Operations	212,288
B.	REVENUES:	
1.	Taxes	11,540,000
2.	Interest	45,000
3.	Other	1,000
4.	Project Participation Refund	5,000
	Total Revenues	<u>11,591,000</u>
C.	OTHER FINANCING SOURCES AND OPERATING TRANSFERS:	
1.	Project Returns - Interest	1,000
2.	Transfers from Other Funds	0
	Total	<u>1,000</u>
D.	TOTAL FUNDS AVAILABLE:	11,804,288
E.	EXPENDITURES:	
1.	Salaries and Services	1,203,431
2.	Operating Costs	365,000
3.	Local Expenses and Auto, and Travel	46,000
4.	Maintenance Service	9,325,000
5.	Small Project Participation	0
6.	Flood Warning	600,000
7.	Treasurer's Fees	155,020
8.	Contingency	111,000
9.	Emergency Reserve	-5,676
10.	Transfer to Other Funds	0
	Total Expenditures	<u>11,799,775</u>
F.	FUND BALANCE: 12/31/17	
1.	Restricted - Emergency Reserve	354,164
2.	Reserve for Future Operations	4,513

**IV. SPECIAL REVENUE FUND - SOUTH PLATTE RIVER**

A.	FUND BALANCE: 1/1/17	
1.	Restricted - Emergency Reserve	78,641
2.	Reserve for Future Operations	203,914
B.	REVENUE:	
1.	Taxes	2,570,000
2.	Interest	6,500
3.	Participation	0
4.	Project Participation Refund	0
5.	Other	0
	Total Revenues	<u>2,576,500</u>
C.	OTHER FINANCIAL SOURCES AND OPERATIONAL TRANSFERS:	
1.	Project Returns - Interest	0
2.	Transfer from Other Funds	0



Total	0
D. TOTAL FUNDS AVAILABLE:	2,780,414
E. EXPENDITURES:	
1. Salaries and Services	386,955
2. Operating Costs	85,000
3. Local Expenses and Travel	9,428
4. Maintenance and Construction Service	2,240,000
5. Property Owner Coop Projects	0
6. Treasurer's Fees	38,410
7. Other	8,250
8. Emergency Reserve	4,401
9. Transfer to Other Funds	0
Total Expenditures	2,772,444
F. FUND BALANCE: 12/31/17	
1. Restricted - Emergency Reserve	83,041
2. Reserve for Future Operations	7,970

**VI. FLOOD EMERGENCY CONTINGENCY FUND**

A. FUND BALANCE: 1/1/17	
1. Reserved for Future Operations	400,000
B. OTHER FINANCIAL SOURCES AND OPERATIONAL TRANSFERS: Transfers from Other Funds	100,000
C. TOTAL FUNDS AVAILABLE:	500,000
D. EXPENDITURES:	
1. Emergency Projects	500,000
E. FUND BALANCE: 12/31/17	
1. Reserve for Future Operation	0

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 50, SERIES OF 2016  
(Appropriation of Funds for 2017)

WHEREAS, the Board has duly adopted a budget for the fiscal (calendar) year of 2017 based on 2016 property tax revenues received in 2017 (hereinafter referred to as “fiscal year 2017”) as provided by law; and

WHEREAS, the Statutes of the State of Colorado require that a resolution appropriating 2016 property tax revenue funds for use in fiscal (calendar) year 2017 be adopted prior to making expenditures; and

WHEREAS, the Board of Directors of the Urban Drainage and Flood Control District considers all unreserved fund balances as of January 1, 2017 and December 31, 2017 to be “reserves” for future operations or capital replacement as defined in Section 20 of Article X of the Constitution of the State of Colorado.

NOW, THEREFORE, BE IT RESOLVED THAT:

The following sums of money are hereby appropriated as of this date, October 13, 2016, to the uses and purposes hereinafter indicated for the operation of the Urban Drainage and Flood Control District during the Fiscal (calendar) Year 2017.

<b>I. GENERAL FUND</b>		
A.	FUND BALANCE: 1/1/17	
	1. Restricted - Emergency Reserve	123,602
	2. Reserve for Future Operations	405,725
B.	REVENUE:	
	1. Taxes	3,815,000
	2. Manuals and Publications	500
	3. Seminars and Conferences	35,000
	4. Interest	7,000
	5. Miscellaneous	500
	6. Project Participation Refund	5,000
	Total Revenue	<u>3,863,000</u>
C.	OTHER FINANCING SOURCES AND OPERATING TRANSFERS:	
	1. Project Returns – Interest	2,500
	2. Transfers from Other Fund	0
	Total	<u>2,500</u>
D.	TOTAL FUNDS AVAILABLE:	4,271,225
E.	EXPENDITURES:	
	1. Salaries and Services	2,032,594
	2.1 Floodplain Management Activities	435,000
	2.2 Information Services and Flood Warning	285,000
	3. Drainage Master Plans	630,000
	4. Special Projects	415,000
	5. Office and Operating Costs	322,100
	6. Local Expenses and Travel	63,000
	7. Treasurer's Fees	54,595

8.	Other	16,250
9.	Emergency Reserve	4,004
10.	Transfer to Other Fund	0
	Total Expenditures	<u>4,257,543</u>

F.	FUND BALANCE: 12/31/17	
1.	Restricted - Emergency Reserve	127,606
2.	Reserve for Future Operations	13,682

## II. SPECIAL REVENUE FUND - CONSTRUCTION

A.	FUND BALANCE: 1/1/17	
1.	Restricted - Emergency Reserve	357,446
2.	Reserve for Future Operations	1,183,013

B.	REVENUE:	
1.	Taxes	12,250,000
2.	Interest	15,000
3.	Other	0
4.	Project Participation Refund	90,000
	Total Revenues	<u>12,355,000</u>

C.	OTHER FINANCING SOURCES AND OPERATING TRANSFERS:	
1.	Project Returns - Interest	30,000
2.	Transfers from Other Funds	0
	Total	<u>30,000</u>

D.	TOTAL FUNDS AVAILABLE:	13,568,013
----	------------------------	------------

E.	EXPENDITURES:	
1.	Salaries and Services	1,028,747
2.	Operating Costs	324,600
3.	Local Expenses and Auto, and Travel	40,000
4.	Construction	11,817,500
5.	MGR Replacement Fund	0
6.	Treasurer's Fees	164,250
7.	Contingencies	116,000
8.	Emergency Reserve	47,287
9.	Transfer to Other Funds	0
	Total Expenditures	<u>13,538,384</u>

F.	FUND BALANCE: 12/31/17	
1.	Restricted – Emergency Reserve	404,733
2.	Reserve for Future Operations	29,629

## III. SPECIAL REVENUE FUND - MAINTENANCE

A.	FUND BALANCE: 1/1/17	
1.	Restricted - Emergency Reserve	359,840
2.	Reserve for Future Operations	212,288

B.	REVENUES:	
1.	Taxes	11,540,000

2.	Interest	45,000
3.	Other	1,000
4.	Project Participation Refund	5,000
	Total Revenues	<u>11,591,000</u>
C. OTHER FINANCING SOURCES AND OPERATING TRANSFERS:		
1.	Project Returns - Interest	1,000
2.	Transfers from Other Funds	0
	Total	<u>1,000</u>
D.	TOTAL FUNDS AVAILABLE:	11,804,288
E. EXPENDITURES:		
1.	Salaries and Services	1,203,431
2.	Operating Costs	365,000
3.	Local Expenses and Auto, and Travel	46,000
4.	Maintenance Service	9,325,000
5.	Small Project Participation	0
6.	Flood Warning	600,000
7.	Treasurer's Fees	155,020
8.	Contingency	111,000
9.	Emergency Reserve	-5,676
10.	Transfer to Other Funds	0
	Total Expenditures	<u>11,799,775</u>
F. FUND BALANCE: 12/31/17		
1.	Restricted - Emergency Reserve	354,164
2.	Reserve for Future Operations	4,513

#### IV. SPECIAL REVENUE FUND - SOUTH PLATTE RIVER

A. FUND BALANCE: 1/1/17		
1.	Restricted - Emergency Reserve	78,641
2.	Reserve for Future Operations	203,914
B. REVENUE:		
1.	Taxes	2,570,000
2.	Interest	6,500
3.	Participation	0
4.	Project Participation Refund	0
5.	Other	0
	Total Revenues	<u>2,576,500</u>
C. OTHER FINANCIAL SOURCES AND OPERATIONAL TRANSFERS:		
1.	Project Returns - Interest	0
2.	Transfer from Other Funds	0
	Total	<u>0</u>
D.	TOTAL FUNDS AVAILABLE:	2,780,414
E. EXPENDITURES:		
1.	Salaries and Services	386,955
2.	Operating Costs	85,000

3.	Local Expenses and Travel	9,428
4.	Maintenance and Construction Service	2,240,000
5.	Property Owner Coop Projects	0
6.	Treasurer's Fees	38,410
7.	Other	8,250
8.	Emergency Reserve	4,401
9.	Transfer to Other Funds	0
	Total Expenditures	<u>2,772,444</u>

F.	FUND BALANCE: 12/31/17	
1.	Restricted - Emergency Reserve	83,041
2.	Reserve for Future Operations	7,970

**VI. FLOOD EMERGENCY CONTINGENCY FUND**

A.	FUND BALANCE: 1/1/17	
1.	Reserved for Future Operations	400,000
B.	OTHER FINANCIAL SOURCES AND OPERATIONAL TRANSFERS: Transfers from Other Funds	100,000
C.	TOTAL FUNDS AVAILABLE:	500,000
D.	EXPENDITURES:	
1.	Emergency Projects	500,000
E.	FUND BALANCE: 12/31/17	
1.	Reserve for Future Operation	0

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 51, SERIES OF 2016  
(Employment of New Executive Director)

WHEREAS, Paul A. Hindman retired as Executive Director of the Urban Drainage and Flood Control District effective, Friday, September 16, 2016; and

WHEREAS, the Board appointed an Executive Search Committee consisting of the Executive Committee to assist in the search for a new Executive Director; and

WHEREAS, the Board authorized the hiring of a firm to provide search support and to assist the District in the hiring of a new Executive Director (Resolution No. 29, Series of 2016); and

WHEREAS, the Executive Search Committee selected CPS HR Consulting as the firm of choice for assisting in the search and filling of the Executive Director position; and

WHEREAS, the Executive Search Committee worked with CPS HR Consulting to establish job search goals for the new Executive Director including a job profile, deadline for applications, requirements for applicants, selection procedures and a time frame for the hiring process; and

WHEREAS, in addition to the District website, the Executive Director's position was advertised in the following websites: National Association of Flood and Stormwater Management Agencies (NAFSMA), Colorado Association of Stormwater and Floodplain Managers (CASFM), Special District Association of Colorado (SDA), Colorado Municipal League (CML), and American Society of Civil Engineers (ASCE); and

WHEREAS, as a result of the advertisements, numerous applications were received and considered by CPS HR Consulting who recommended further consideration by the Executive Search Committee of five (5) applicants; and

WHEREAS, the Executive Search Committee reviewed the applications and selected seven (7) candidates; two external applicants (one who later withdrew from consideration) and five internal applicants, to be interviewed by the Committee; and

WHEREAS, after in-depth interviews of the six (6) applicants on September 07 and 09, 2016, it was the consensus of the Executive Search Committee to recommend three (3) finalists for Board consideration; and

WHEREAS, at the September 15, 2016 Board Meeting, the Board decided to interview the three finalists at the October board meeting; and

WHEREAS, after the interviews conducted by Board of Directors on October 13, 2016, it was the unanimous consensus of the Board (including the Executive Search Committee) that the best applicant for the position of the Executive Director is \_\_\_\_\_; and

WHEREAS, public notice of the finalists for the position of Executive Director was posted for fourteen days (September 27 through October 12) pursuant to 24-6-402(3.5) C.R.S.; and

WHEREAS, the Board authorizes the Executive Committee, due to their involvement in the search for a new Executive Director, to negotiate the final details with \_\_\_\_\_ in regard to salary and benefits in his/her new position as Executive Director, within parameters established by the Board.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. \_\_\_\_\_ be offered employment as the new Executive Director of the District, effective Thursday, October 13, 2016. Such employment will be at will.
2. The Executive Committee is authorized to negotiate the financial details of \_\_\_\_\_ employment within the parameters established by the Board and to report back to the Board at its November 2016 monthly meeting, the results of the negotiations with \_\_\_\_\_.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson





# URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

---

## BOARD OF DIRECTORS MEETING

Date: Tuesday, November 22, 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. Visitors/Guests/Staff
  - b. Awards/Recognitions
    - i. Government Finance Officers Association (GFOA) – Excellence in Financial Achievement
3. **Roll Call – Determination of Quorum**
4. **Approval of October 13, 2016 Meeting Minutes** (*If there are no corrections “Minutes stand approved”, or with corrections “Minutes stand approved as corrected”*)
5. **Public Hearing**
  - a. Presentation of Proposed 2016 – 2020 Five-Year Capital Improvement Plan
6. **Executive Session – Personnel Matter – Employment of Executive Director [24-6-402(4)(f)(I) and (3.5) C.R.S.]**
  - a. Employment of New Executive Director  
(Resolution No. 66, Series of 2016)
7. **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. Adoption of 2017 Work Plan  
(Resolution No. 52, Series of 2016)
  - c. Adoption of Five-Year Capital Improvement Plan (CIP) 2016 - 2020  
(Resolution No. 53, Series of 2016)
  - d. Authorization of 2017 Maintenance Work Plan Expenditures  
(Resolution No. 54, Series of 2016)
  - e. Authorization of 2017 CIP and Maintenance Work Plan for South Platte River  
(Resolution No. 55, Series of 2016)
  - f. Authorization to Participate in Drainage and Flood Control Improvements on McIntyre Gulch at Holland Street, City of Lakewood, Jefferson County  
(Resolution No. 56, Series of 2016)
  - g. Additional Authorization to Participate in Drainage and Flood Control Improvements on Happy Canyon Creek at Interstate 25, Douglas County  
(Resolution No. 57, Series of 2016)
  - h. Authorization to Participate in Drainage and Flood Control Improvements on Coal Creek from McCaslin Boulevard to Highway 36, Town of Superior, Boulder County  
(Resolution No. 58, Series of 2016)
  - i. Authorization to Enter Into Agreement with the U.S. Geological Survey (USGS) for Rainfall/Runoff Investigation  
(Resolution No. 59, Series of 2016)
  - j. Authorization to Assist Communities with NPDES MS4 Permit Compliance to Develop Engineering Criteria and Software, and to Conduct Stormwater Management Research  
(Resolution No. 60, Series of 2016)

- k. Authorization for a Planning Study of SJCD (N), SJCD (S) North Tributary and DFA 6100.5 (Resolution No. 61, Series of 2016)
- l. Authorization for a Planning Study of Basin 4100 and DFA 0056 (Resolution No. 62, Series of 2016)
- m. Authorization for a Planning Study for Goose Creek and Twomile Canyon Creek (Resolution No. 63, Series of 2016)
- n. Authorization for a Planning Study of Sand Creek Downstream of Colfax Avenue (Resolution No. 64, Series of 2016)
- o. 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. 65, Series of 2016)

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

**9. Other Business**

- a. Call for Volunteers: Nominating Committee for 2017 Officers
- b. Call for Volunteers: 2017 Legislative Committee

**10. Announcements**

- a. Next Regularly Scheduled Meeting: **Thursday, December 15, 2016**

**11. Adjournment**



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

**October 13, 2016**

**MINUTES**

**Members Present:**

Herb Atchison, Mayor, City of Westminster  
Bruce Beckman, Mayor, City of Littleton  
Joyce Downing, Mayor, City of Northglenn  
Bob Fifer, Mayor Pro Tem, City of Arvada  
Deb Gardner, Commissioner, Boulder County  
Mark Hunter, Engineer  
Joyce Jay, Mayor, City of Wheat Ridge  
Paul Kashmann, Council Member, City/County of Denver  
Paul López, Council Member, City/County of Denver  
Adam Paul, Mayor, City of Lakewood  
Renie Peterson, Mayor Pro Tem, City of Aurora  
Dave Sellards, Engineer  
Greg Stokes, Mayor Pro Tem, City/County of Broomfield  
Libby Szabo, Commissioner, Jefferson County  
Charles (Chaz) Tedesco, Commissioner, Adams County  
C.J. Whelan, Mayor Pro Tem, City of Centennial  
Heidi Williams, Mayor, City of Thornton  
Mary Young, Mayor Pro Tem, City of Boulder

**Members Absent:**

Stacie Gilmore, Council Member, City/County of Denver  
Don Mares, Deputy Mayor, City/County of Denver  
Jill Repella, Commissioner, Douglas County  
Nancy Sharpe, Commissioner, Arapahoe County

**UDFCD Staff Present:**

Ed Krisor	Legal Counsel
Julia Bailey	Project Engineer, Information Services and Flood Warning
Dave Bennetts	Program 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 Manager
Terri Fead	Project Manager, Floodplain Management
Bryan Kohlenberg	Project Manager, Design, Construction, and Maintenance
Laura Kroeger	Assistant Program Manager, Design, Construction, and Maintenance
Ken MacKenzie	Program Manager, Master Planning
David Mallory	Program Manager, Floodplain Management
Steve Materkowski	Senior Construction Manager
Teresa Patterson	Project Manager, Floodplain Management
John Pflaum	Project Engineer
Holly Piza	Project Manager, Master Planning
Mike Sarmento	Senior Construction Manager
Terri Schafer	Manager, Finance and Accounting
Derrick Schauer	Information Services Technician
David Skuodas	Project Manager, Design, Construction, and Maintenance
Jason Stawski	Construction Manager
Kevin Stewart	Program Manager, Information Services and Flood Warning
Shea Thomas	Project Manager, Master Planning
Joe Williams	Senior Construction Manager

**Others Present:**

None.

1. **Call to Order and Pledge of Allegiance – 12:30 p.m.**  
Mayor Downing called the meeting to order at 12:32 p.m.
2. **Introductions**
  - a. **Visitors/Guests/Staff**  
None.
3. **Roll Call – Determination of Quorum**  
Roll was called and a quorum was declared present.
4. **Board Approval of September 15, 2016 Meeting Minutes** (*If there are no corrections “Minutes stand approved”, or with corrections “Minutes stand approved as corrected”*)  
Mayor Downing asked if there were any corrections to the September 15, 2016 minutes. Hearing none, the minutes were approved as submitted.
5. **Public Hearing**
  - a. **2017 Budget**  
Mayor Downing opened the public hearing at 12:40 pm.  
  
Mrs. Terri Schaffer, Finance and Accounting Manager, presented the Final 2017 Budget. The final 2017 Budget was distributed to the Board on October 6, 2016. Changes from the draft presented at the September Board meeting, included:
    1. Proposed mill levy increased slightly due to receiving the assessed valuations from Jefferson County and the third quarter projected CPI Increases.
    2. Construction fund expenditures changed due to money originally anticipated being spent in 2016 now being carried over to 2017.  
Three resolutions were introduced in the budget discussion. Resolution No. 48 certifies the levy, Resolution No. 49 adopts the 2017 Budget, and Resolution No. 50 appropriates the funds.  
  
Mayor Downing requested comments or questions from the Board and public. There being none, the public hearing was closed at 12:48 pm.
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**  
Cash Disbursement list, dated September and October 2016, 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. **Acceptance of Certification of Tax Levy**  
**(Resolution No. 48, Series of 2016)**  
Resolution No. 48, Certification of Tax Levy, was discussed during the Public Hearing portion of the meeting. There being no further comments or questions, it was the consensus of the Board to place Resolution No. 48 on the Consent Agenda.
  - c. **Adoption of 2017 Budget**  
**(Resolution No. 49, Series of 2016)**  
Resolution No. 49, Adoption of 2017 Budget, was discussed during the Public Hearing portion of the meeting. There being no further comments or questions, it was the consensus of the Board to place Resolution No. 49 on the Consent Agenda.
  - d. **Appropriation of Funds for 2017**  
**(Resolution No. 50, Series of 2016)**  
Resolution No. 50, Appropriation of Funds for 2017, was discussed during the Public Hearing portion of the meeting. There being no further comments or questions, it was the consensus of the Board to place Resolution No. 50 on the Consent Agenda.

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

It was the consensus of the Board that Resolutions No. 48, 49, and 50, Series of 2016, and Cash Disbursements dated September and October 2016 be placed on the Consent Agenda. Mayor Downing moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

**8. Executive Session – Personnel Matter – Interview of Three Candidates for the Executive Director [24-6-402(4)(f)(I) and (3.5) C.R.S.]**

**a. Appointment of New Executive Director**

**(Resolution No. 51, Series of 2016)**

Following the Executive Session, the Board discussed offering the position of Executive Director to Mr. Ken MacKenzie, inserting Mr. Mackenzie's name into Resolution No. 51 and adopting Resolution No. 51 which would, in effect, offer Mr. MacKenzie the position of Executive Director for the Urban Drainage and Flood Control District subject to contract finalization.

The Board authorized the Executive Committee to negotiate the financial details of Mr. MacKenzie's employment within the parameters established by the Board and to report the results of the negotiations back to the Board at the November 17, 2016 Board Meeting.

There being no further comments or questions, a motion was made and seconded to insert Mr. MacKenzie's name into Resolution No. 51 and thereafter to adopt Resolution No. 51. Upon a roll call vote the motion to adopt Resolution No. 51 passed unanimously.

**9. Announcements**

- a.** Next Regularly Scheduled Meeting: Thursday, November 17, 2016 (It was later changed to November 22, 2016)

**10. Adjournment**

Mayor Downing adjourned the meeting at 3:25 pm.



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 52, SERIES OF 2016 (Adoption of 2017 Work Plan)

WHEREAS, the 2017 Budget anticipated a work plan emphasizing the planning, design, and construction of solutions to major drainage problems in the District; and

WHEREAS, the 2017 Budget anticipated a work plan emphasizing maintenance and preservation of major drainageways in the District; and

WHEREAS, the 2017 Budget anticipated a work plan recognizing the value of preventive and remedial master planning on developed and undeveloped floodplains; and

WHEREAS, the 2017 Budget anticipated a work plan recognizing the need for floodplain management activities; and

WHEREAS, the 2017 Budget anticipated a work plan recognizing the need for information services and local flood warning enhancements; and

WHEREAS, the 2017 Budget anticipated a work plan emphasizing the planning, design, and construction of solutions to flood control problems along the South Platte River and the maintenance of existing facilities on the River; and

WHEREAS, the 2017 Budget anticipated a work plan which included District assistance to Denver, Lakewood, Aurora and other local governments in complying with and applying for National Pollutant Discharge Elimination System (NPDES) storm sewer system permits and refining stormwater best management practices (BMP) technology for this semi-arid region; and

WHEREAS, the Board has considered the damage potential, local participation, the work already done by local governments, Corps of Engineers, and others, and the feasibility of defining and accomplishing solutions to drainage and flood control problems in 2017.

NOW, THEREFORE, BE IT RESOLVED that the Work Plan for 2017 is hereby adopted as follows:

**A. Design, Construction, and Maintenance Program**

Continue the Design, Construction, and Maintenance Program which includes work to be accomplished under the following funds:

**1. Capital Improvement Fund**

- a. Coordinate, manage, and participate in the funding of the design and construction of drainage facilities pursuant to the adopted Five-Year Capital Improvement Plan.
- b. Cooperate with local jurisdictions in the preparation of the Five-Year Capital Improvement Plan.
- c. Continue to assist local jurisdictions in assessing and solving multi-jurisdictional drainage and flood control problems.

**2. South Platte River Fund**

- a. Construct and maintain public drainage facilities along the South Platte River pursuant to the accepted South Platte River Work Plan.
- b. Implement flood control, maintenance access, river stabilization improvements, and other measures along the South Platte River in cooperation with public and private local sponsors.
- c. Maintain and continue development of information related to facilities, right-of-way, and geomorphology that is beneficial for the management of the South Platte River and for understanding its behavior.

**3. Maintenance Fund**

- a. Maintain public drainage facilities along the tributaries to the South Platte River pursuant to the accepted Maintenance Work Plan.
- b. Continue floodplain and floodway preservation efforts.
- c. Cooperate with local jurisdictions in the preparation of the Maintenance Work Plan.

**B. Floodplain Management Program**

Implement the District's Floodplain Management Program to include the following:

1. Continue assisting local entities in preparing, adopting, and administering floodplain regulations, and implement District regulations in those local jurisdictions that do not adopt and enforce floodplain regulations.
2. Delineate flood hazard areas.
3. Coordinate Federal Emergency Management Agency (FEMA) efforts within the District.
4. Review drainage and flood control proposals for proposed development affecting major drainageways upon request from local entities.
5. Continue the notification of floodplain occupants of flood hazards.
6. Continue the District's program of determining maintenance eligibility of drainage and flood control facilities constructed by others.
7. Continue the District's program to bring non-flood control reservoirs into compliance with District policy.
8. Continue development of the Cooperating Technical Partner (CTP) Program with FEMA.
9. Assist local governments and developers in the implementation of drainage and flood control master plans.

**C. Information Services and Flood Warning Program**

1. Continue data collection and flood documentation activities.
2. Assist local governments in developing, updating, exercising, and maintaining flood detection networks and flood warning plans.
3. Continue to provide meteorological services to supplement National Weather Service (NWS) watches and warnings, and work with NWS to improve flood warning capabilities.
4. Review and revise as necessary the Standard Operating Procedure for implementation of the District's Flood Disaster and Mitigation Plan.
5. Continue assisting local governments with developing self-help programs.
6. Continue development of District GIS capability.
7. Maintain and enhance District information technology systems and related services.

**D. Master Planning Program**

Assist local governments with coordinating and managing drainage and flood control master planning projects.

**E. Special Projects**

Continue the following special projects:

1. Continue to support a rainfall/runoff data collection program including cooperative efforts with the U.S. Geology Survey (USGS) and others, and provide data analysis as appropriate.
2. Continue efforts to improve methodologies for planning and design of drainage and flood control facilities, stormwater best management practices and delineation of floodplains in the Denver region, and disseminate information developed to public from these efforts.
3. Continue development and updating of the District's Urban Storm Drainage Criteria Manual and continue administration of manual.



4. Provide coordination and assistance to local governments in the Denver metro area in their efforts to prepare NPDES permit applications and to comply with issued municipal NPDES stormwater discharge permits.
5. Continue projects to establish methods and agreements for financing and implementing regional drainage and flood control facilities.
6. Develop, compile, publish, and distribute appropriate information and data to assist local jurisdictions in drainage and flood control efforts including continuation of publication of Flood Hazard News and sponsoring of seminars.
7. Continue educational and information dissemination efforts to public officials, consulting firms, and the general public related to stormwater and flood management issues.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 53, SERIES OF 2016 (Adoption of Five-Year Capital Improvement Plan [CIP]: 2016 – 2020)

WHEREAS, by Resolution No. 11, Series of 1973, the Board of Directors adopted a capital improvements expenditure policy; and

WHEREAS, by Title 32-11-214, C.R.S., it is stated:

- "(1) The District, acting by and through the board, may acquire, improve, equip, relocate, maintain, and operate the facilities, any project, or any part thereof, for the benefit of the district and the inhabitants thereof, after the board has made such preliminary studies and otherwise taken such action as it determines to be necessary or desirable as preliminaries thereto."
- "(2) When a comprehensive program for the acquisition of facilities for the district satisfactory to the board is available, such program shall be tentatively adopted. The program need only describe the proposed facilities in general terms and not in detail."
- "(3) A public hearing on the proposed program shall be scheduled, and notice of the hearing shall be given by publication. After the hearing and any adjournments thereof which may be ordered, the board may either require changes to be made in the program as the board shall consider desirable, or the board may approve the program as prepared."; and

WHEREAS, by Resolution No. 57, Series of 2015, the Board set forth projects that were adopted as a part of the comprehensive program for the years 2015 through 2019; and

WHEREAS, the Board desires to revise the comprehensive five-year capital improvement plan on an annual basis; and

WHEREAS, by Resolution No. 11, Series of 1973, key policies set by the Board to guide the selection of projects were considered in determining the 2016 – 2020 CIP; and

WHEREAS, the Board of Directors, adopted a budget for 2017 (Resolution No. 49, Series of 2016) which includes \$11,817,500 for CIP improvements within the District; and

WHEREAS, a public hearing on the proposed plan was held on November 22, 2016 pursuant to published notice, and testimony was taken and data provided describing the comprehensive program in general terms to the satisfaction of the Board.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The improvements described herein are necessary for the health, comfort, safety, convenience, and welfare of all the people in the State and are of special benefit to the inhabitants of the District and the property therein.
2. The list of projects is adopted as a part of the comprehensive five-year program for the years 2016 through 2020 for the implementation of projects. Such projects are described in general, and not in detail, and individual projects and authorizations therefore shall be approved by the Board on a project-by-project basis.
3. Individual projects on the CIP may be added, removed, or moved from one year to another in the CIP based on requests from the local governments and shifting priorities.
4. The following guidelines will be followed as the CIP is administered; or projects on the CIP are added, deleted, or moved from one year to another in the CIP:
  - a. Proposed improvements requested by local government.
  - b. Proposed projects must be master planned.
  - c. Local governments must provide at least a 50 percent match to District funds.
  - d. Local governments must agree to maintain the facilities.

- e. The District shall allocate funds such that revenues from counties will be spent for improvements within those counties over a five-year time period.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 54, SERIES OF 2016  
(Authorization of 2017 Maintenance Work Plan Expenditures)

WHEREAS, the Colorado General Assembly in 1979 and in 1983 amended Title 32-11-217, C.R.S., thereby authorizing the District to levy up to four tenths (0.4) mill for a systematic and uniform program of preventive maintenance of drainage and flood control facilities within the District; and

WHEREAS, the Board adopted a policy statement related to the maintenance of capital improvements in 1978 (Resolution No. 41, Series of 1978); and

WHEREAS, it is the policy of the Board to allocate maintenance service expenditures to each county on the basis of revenues received annually from each county; and

WHEREAS, the Board of Directors, pursuant to such authorization adopted a budget for 2017 (Resolution No. 49, Series of 2016) which includes \$9,325,000 for the maintenance of drainage and flood control facilities within the District; and

WHEREAS, the Board of Directors desires to proceed with 2017 drainageway maintenance and related services.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board hereby authorizes the District to assist local governments within the District in the maintenance of major drainageway facilities. The following priorities shall be considered in determining the 2017 Maintenance Work Plan:
  - a. First priority - District owned facilities.
  - b. Second priority - Facilities owned by other public entities, but partly financed with District funds.
  - c. Third priority - Facilities owned by other public entities and constructed by others without District assistance.
  - d. Fourth priority - Unimproved urban drainageways.
  - e. Fifth priority - Unimproved rural drainageways.
2. The Board authorizes the Executive Director to contract for those services necessary to implement the 2017 Maintenance Work Plan.
3. The total 2017 expenditures for maintenance services shall not exceed \$9,325,000 and the expenditures per county shall be in accordance with Board policy set forth in Resolution No. 41, Series of 1978.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 55, SERIES OF 2016

(Authorization of 2017 CIP and Maintenance Work Plan for the South Platte River)

WHEREAS, the Colorado General Assembly in 1979 and in 1983 amended Title 32-11-217, C.R.S., thereby authorizing the District to levy up to four tenths (0.4) mill for a systematic and uniform program of preventive maintenance of drainage and flood control facilities within the District; and

WHEREAS, the Board established policy regarding operation of the South Platte River Program (Resolution No. 58, Series of 1986); and

WHEREAS, the Board of Directors adopted a budget for 2017 (Resolution No. 49, Series of 2016) which includes \$2,240,000 for construction and maintenance activities for the South Platte River; and

WHEREAS, the Board of Directors desires to proceed with 2017 South Platte River construction, maintenance, and other related services.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board hereby authorizes the District to assist local governments within the District along the South Platte River in construction and maintenance activities, river stability, and maintenance access facilities along the South Platte River.
2. The Board of Directors authorizes the Executive Director to contract for those services necessary to implement the 2017 construction and maintenance activities.
3. The total expenditures for the South Platte River shall not exceed \$2,240,000 in 2017 without further approval of the Board.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 56, SERIES OF 2016

(Authorization to Participate in Drainage and Flood Control Improvements on McIntyre Gulch at Holland Street, City of Lakewood, Jefferson 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 of Lakewood has enacted floodplain regulations; and

WHEREAS, the City of Lakewood and the District cooperated in the preparation of "Major Drainageway Planning - McIntyre Gulch - Phase B Report," dated November 1977; and

WHEREAS, the City of Lakewood has requested District participation in the design and construction of improvements along McIntyre Gulch at Holland Street (Exhibit A); and

WHEREAS, the City of Lakewood has estimated the total drainage project costs to be \$100,000; and

WHEREAS, the District's participation being authorized by this resolution is \$50,000; 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 design, acquisition of right-of-way, and construction of drainage and flood control improvements along McIntyre Gulch at Holland Street; 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 McIntyre Gulch at Holland Street were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with the City of Lakewood for the design and construction of drainage and flood control improvements on McIntyre Gulch at Holland Street.
2. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, qualified contractors, and others as necessary for the design and construction of drainage and flood control improvements on McIntyre Gulch at Holland Street.
3. The District's maximum contribution to the McIntyre Gulch at Holland Street project, without prior approval of the Board, shall be \$50,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Lakewood.
4. Such approval for expenditure of District funds is contingent upon the City of Lakewood agreeing to regulate and control any defined floodplain in the McIntyre Gulch at Holland Street project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 56, SERIES OF 2016

(Authorization to Participate in Drainage and Flood Control Improvements on McIntyre Gulch at Holland Street, City of Lakewood, Jefferson County)

### EXHIBIT A





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 57, SERIES OF 2016  
(Additional Authorization to Participate in Drainage and Flood Control Improvements  
on Happy Canyon Creek at Interstate 25, Douglas 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, Douglas County has enacted floodplain regulations; and

WHEREAS, Douglas County and the District cooperated in the preparation of "Happy Canyon Creek Major Drainageway Plan," dated March 2014; and

WHEREAS, the Board previously authorized \$750,000 for design, acquisition of right-of-way, and construction of improvements along Happy Canyon Creek at Interstate 25 (Table 1 and Exhibit A); and

**Table 1**  
**Happy Canyon Creek at Interstate 25**  
**Previous Authorizations**

Resolution No.	Series of	District Authorization	Work Elements
033	2013	\$225,000	Design, Right of Way Purchases, and Construction Funding
038	2015	\$140,000	Design, Right of Way Purchases, and Construction Funding
043	2016	\$385,000	Design, Right of Way Purchases, and Construction Funding
<b>TOTAL</b>		<b>\$750,000</b>	

WHEREAS, Douglas County and the District now desire to construct improvements along Happy Canyon Creek at Interstate 25; and

WHEREAS, Douglas County has estimated the additional drainage project costs to be \$690,829 resulting in a revised total drainage project cost of \$2,190,829 (\$845,000 District; \$1,345,829 Douglas County); and

WHEREAS, the District’s additional participation being authorized by this resolution is \$95,000; 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 Happy Canyon Creek at Interstate 25; 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 Happy Canyon Creek at Interstate 25 were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 33, Series of 2013, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the Happy Canyon Creek at Interstate 25 project without prior approval of the Board shall be ~~\$750,000~~ **\$845,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Douglas County."
2. All other conditions and authorizations remain as stated in Resolution No. 33, Series of 2013.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

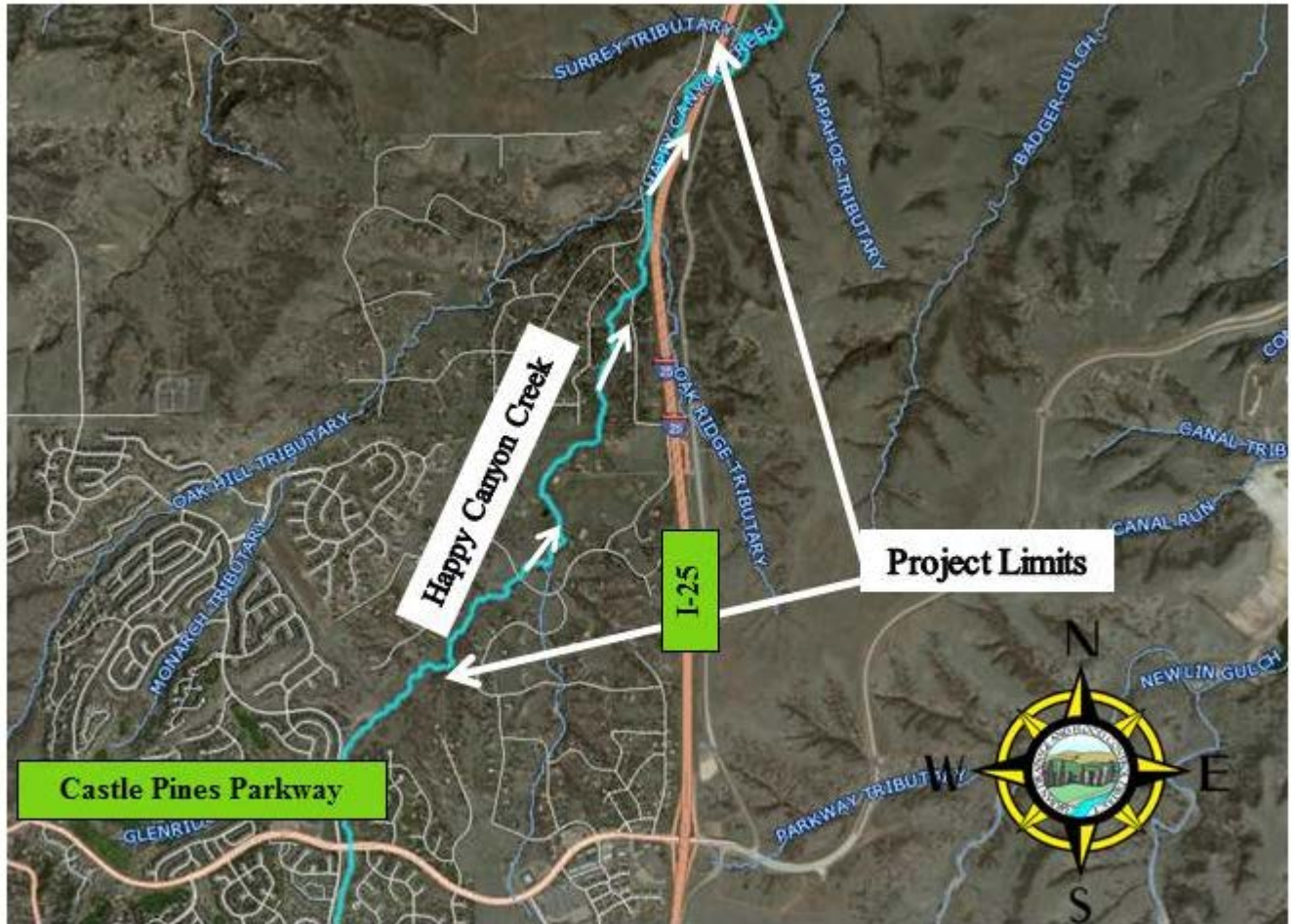


THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 57, SERIES OF 2016

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Happy Canyon Creek at Interstate 25, Douglas County)

**EXHIBIT A**







# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 58, SERIES OF 2016

(Authorization to Participate in Drainage and Flood Control Improvements  
on Coal Creek from McCaslin Boulevard to Highway 36, Town of Superior, Boulder 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 Town of Superior has enacted floodplain regulations; and

WHEREAS, the Town of Superior and the District cooperated in the preparation of "Coal Creek and Rock Creek Major Drainageway Plan," dated October 2014; and

WHEREAS, the Town of Superior has requested District participation in the design, acquisition of right-of-way, and construction of improvements along Coal Creek from McCaslin Boulevard to Highway 36 (Exhibit A); and

WHEREAS, the Town of Superior has estimated the total drainage project costs to be \$1,100,000; and

WHEREAS, the District's participation being authorized by this resolution is \$0; 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 design, acquisition of right-of-way, and construction of drainage and flood control improvements along Coal Creek from McCaslin Boulevard to Highway 36; 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 Coal Creek from McCaslin Boulevard to Highway 36 were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with the Town of Superior for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Coal Creek from McCaslin Boulevard to Highway 36.
2. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, qualified contractors, and others as necessary for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Coal Creek from McCaslin Boulevard to Highway 36.
3. The District's maximum contribution to the Coal Creek from McCaslin Boulevard to Highway 36 project, without prior approval of the Board, shall be \$0 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the Town of Superior.
4. Such approval for the District's agreeing to manage the project is contingent upon the Town of Superior agreeing to regulate and control any defined floodplain in the Coal Creek from McCaslin Boulevard to Highway 36 project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 58, SERIES OF 2016

(Authorization to Participate in Drainage and Flood Control Improvements on Coal Creek from McCaslin Boulevard to Highway 36, Town of Superior, Boulder County)

### EXHIBIT A





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 59, SERIES OF 2016

(Authorization to Enter into Agreement with the U.S. Geological Survey (USGS) for Rainfall/Runoff Investigation)

WHEREAS, the District is authorized to conduct studies related to urban drainage, and to establish, operate, and maintain facilities related to urban drainage within the District; and

WHEREAS, the District adopted a budget for calendar year 2017 (Resolution No. 49, Series of 2016) that included sufficient funds in the Maintenance Fund for the continued support of a rainfall/runoff data collection and analysis program in cooperation with the U.S. Geological Survey (USGS) and others; and

WHEREAS, the District adopted a Work Plan for 2017 (Resolution No. 52, Series 2016) that includes maintenance funding to support a rainfall/runoff data collection and analysis program in cooperation with the USGS and others; and

WHEREAS, the District has been engaged in cooperative agreements with the USGS, an agency of the federal government, since October 1970 with regard to rainfall, runoff, stream flow data collection and investigations; and

WHEREAS, the District and the USGS have worked together to establish gauges on a number of major streams within the District in order to measure peak flow rates; and

WHEREAS, this data collection is necessary to calibrate the regional hydrologic model that is the basis for the design of all drainage and flood control infrastructure within the District; and

WHEREAS, the USGS has funds available to match District funds to support the continued operation and maintenance of these gauges, and has offered to renew a cooperative agreement related to such data collection; and

WHEREAS, the cost of entering into a cooperative agreement with the USGS in 2017 with regard to rainfall, runoff, and stream flow data collection and investigations is estimated at \$120,000 and sufficient funds are included in the 2017 Work Plan for these efforts.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to enter into a cooperative agreement with the USGS with regard to rainfall/runoff data collection and investigation. The expenditures of District maintenance funds in 2017 for this work shall not exceed \$120,000 without further approval of the Board.

(SEAL)

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 60, SERIES OF 2016

(Authorization to Assist Communities with NPDES MS4 Permit Compliance to Develop Engineering Criteria and Software, and to Conduct Stormwater Management Research)

WHEREAS, the Board, has since 1991, authorized District support of governments within the District in their efforts to comply with National Pollutant Discharge Elimination System (NPDES) Municipal Separate Stormwater Sewer System (MS4) permit requirements and related activities; and

WHEREAS, the District adopted a budget for calendar year 2017 (Resolution No. 49, Series of 2016) that included \$415,000 in the General Fund to continue assisting governments within the District with their MS4 permit programs, to develop engineering criteria, software, and to conduct stormwater management research; and

WHEREAS, the Board has adopted the 2017 Work Plan (Resolution No. 52, Series of 2016) which includes continuation to assist governments within the District with their MS4 permit programs, to develop engineering criteria, software, and to conduct stormwater management research; and

WHEREAS, the Board desires, in 2017, to continue assisting governments within the District with their current and evolving MS4 permit programs by improving the understanding of the performance of various stormwater best management practices (BMPs), for which field performance data in this region is very limited; and

WHEREAS, the District has, since 1974, maintained and distributed the Urban Storm Drainage Criteria Manual, originally published in 1969 by the Denver Regional Council of Governments (DRCOG), and has also made available public domain “freeware” engineering design software to support these criteria; and

WHEREAS, the District’s criteria and engineering design software are used by engineers and stormwater professionals worldwide to help them follow District criteria when developing hydrology and designing flood channels, culverts, detention basins, retention ponds, street inlets, storm sewers, and stormwater quality treatment facilities; and

WHEREAS, many governments within the District boundary require the use of District criteria and engineering design software within their jurisdictions; and

WHEREAS, the District is committed to advancing the state of the practice of drainage, flood control, and stormwater quality engineering through research projects in collaboration with state and federal agencies, Colorado universities and colleges, and other research partners, which in turn leads to improved District criteria and engineering design software to support these criteria; and

WHEREAS, the 2017 cost of support services needed to meet NPDES Phase 1 permit commitments, to assist NPDES Phase 2 communities in their evolving permit compliance requirements, to provide required wet-weather monitoring of receiving waters as agreed to between the State and the permitted municipalities, and to continue the installation and testing of BMP facilities for the purpose of improving their design technology is estimated at \$165,000, the estimated cost for criteria development is estimated at \$70,000, the cost of software development is estimated at \$80,000 and the estimated cost for stormwater management research is estimated at \$100,000; and

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to continue to contract for necessary consulting, monitoring, education/outreach, and other services in 2017 necessary for the District to assist NPDES regulated municipalities within the District in their efforts to comply with NPDES MS4

permits. In addition, the Executive Director is authorized to extend this assistance through the design, construction, continued field testing and the development of design guidance of stormwater BMPs for use in this region.

2. The Executive Director is authorized to execute the necessary agreements with qualified partners and consultants to assist the District in developing criteria, software, and in conducting stormwater management research.
3. The expenditure for this work in 2017 shall not exceed \$415,000 without further authorization from the Board.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 61, SERIES OF 2016

(Authorization for a Planning Study of SJCD (N), SJCD (S) North Tributary and DFA 6100.5)

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, Jefferson County has enacted floodplain regulations; and

WHEREAS, the Board has previously established a Work Plan for 2017 (Resolution No. 52, Series of 2016) which includes master planning; and

WHEREAS, the Board previously cooperated with Jefferson County to prepare the “Major Drainageway Planning S.J.C.D. (North) – Basin 6100,” report (CH2M Hill, 1976);

WHEREAS, Jefferson County has expressed a desire to participate in a study leading to a Major Drainageway Plan and Flood Hazard Area Delineation for SJCD (N), SJCD (S) North Tributary and DFA 6100.5; and

WHEREAS, the Board wishes to cooperate with Jefferson County in the identification of solutions to stormwater drainage and flood control management problems for SJCD (N), SJCD (S) North Tributary and DFA 6100.5 (Exhibit A); and

WHEREAS, the cost of engineering and mapping services for this study is estimated to be \$200,000 and is expected to be divided among participating entities as follows:

	<u>Planning Study</u>	<u>FHAD</u>
District	\$75,000	\$50,000
<u>Jefferson County</u>	<u>\$75,000</u>	<u>\$0</u>
TOTAL	\$150,000	\$50,000

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute an agreement with Jefferson County to fund the required engineering and mapping services for the SJCD (N), SJCD (S) North Tributary and DFA 6100.5 planning study.
2. The Executive Director is authorized to procure any needed mapping and to execute a contract with a qualified engineer(s) for required engineering services.
3. The expenditures for the consulting and mapping services are estimated at \$200,000 and the District’s share of total costs shall not exceed \$125,000 plus interest earned on monies deposited in the project fund which contribution for the planning portion of this project shall be matched by Jefferson County.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 61, SERIES OF 2016

(Authorization for a Planning Study of SJCD (N), SJCD (S) North Tributary and DFA 6100.5)

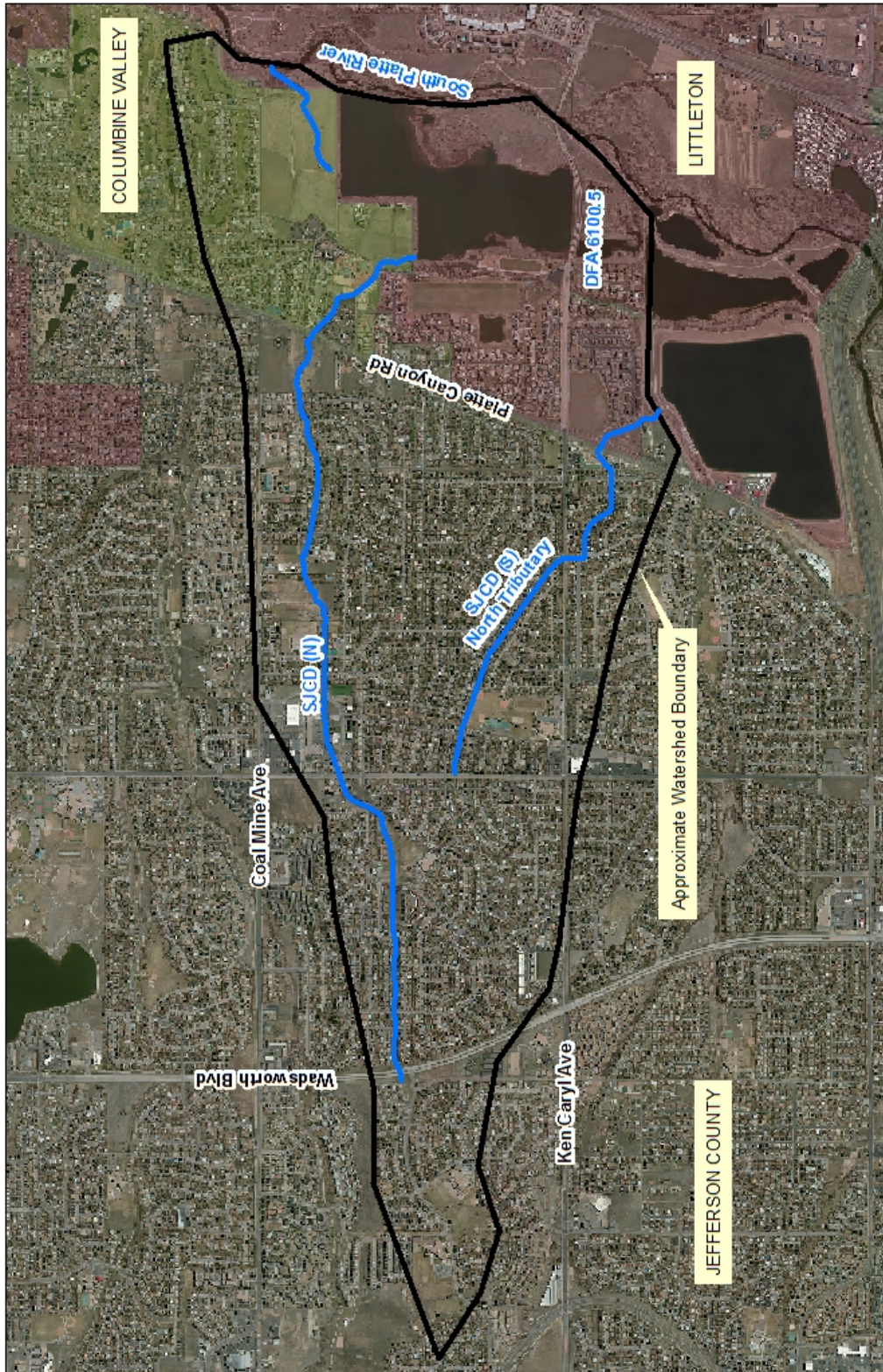
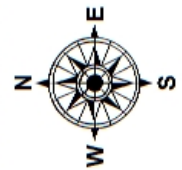


EXHIBIT A  
SJCD (N), SJCD (S) NORTH TRIBUTARY, DFA 6100.5  
MDP & FHAD  
Approximate Study Limits  
June 2016





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 62, SERIES OF 2016  
(Authorization for a Planning Study of Basin 4100 and DFA 0056)

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 of Thornton and Adams County have enacted floodplain regulations; and

WHEREAS, the Board has previously established a Work Plan for 2017 (Resolution No. 52, Series of 2016) which includes master planning; and

WHEREAS, the Board previously cooperated with the City of Thornton and Adams County to prepare the “Basin 4100 and Direct Flow Area 0056 Outfall Systems Planning Study,” report (Kiowa, 2002);

WHEREAS, the City of Thornton and Adams County have expressed a desire to participate in a study leading to an Outfall Systems Plan for Basin 4100 and DFA 0056; and

WHEREAS, the Board wishes to cooperate with the City of Thornton and Adams County in the identification of solutions to stormwater drainage and flood control management problems for Basin 4100 and DFA 0056 (Exhibit A); and

WHEREAS, the cost of engineering and mapping services for master planning is estimated to be \$160,000 and is expected to be divided among participating entities as follows:

	<u>Planning Study</u>
District	\$80,000
Thornton	\$68,000
<u>Adams County</u>	<u>\$12,000</u>
TOTAL	\$160,000

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute an agreement with the City of Thornton and Adams County to fund the required engineering and mapping services for the Basin 4100 and DFA 0056 planning study.
2. The Executive Director is authorized to procure any needed mapping and to execute a contract with a qualified engineer(s) for required engineering services.
3. The expenditures for the consulting and mapping services are estimated at \$160,000 and the District’s share of total costs shall not exceed \$80,000 plus interest earned on monies deposited in the project fund which contribution for the planning portion of this project shall be matched by the City of Thornton and Adams County.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 62, SERIES OF 2016

(Authorization for a Planning Study of Basin 4100 and DFA 0056)

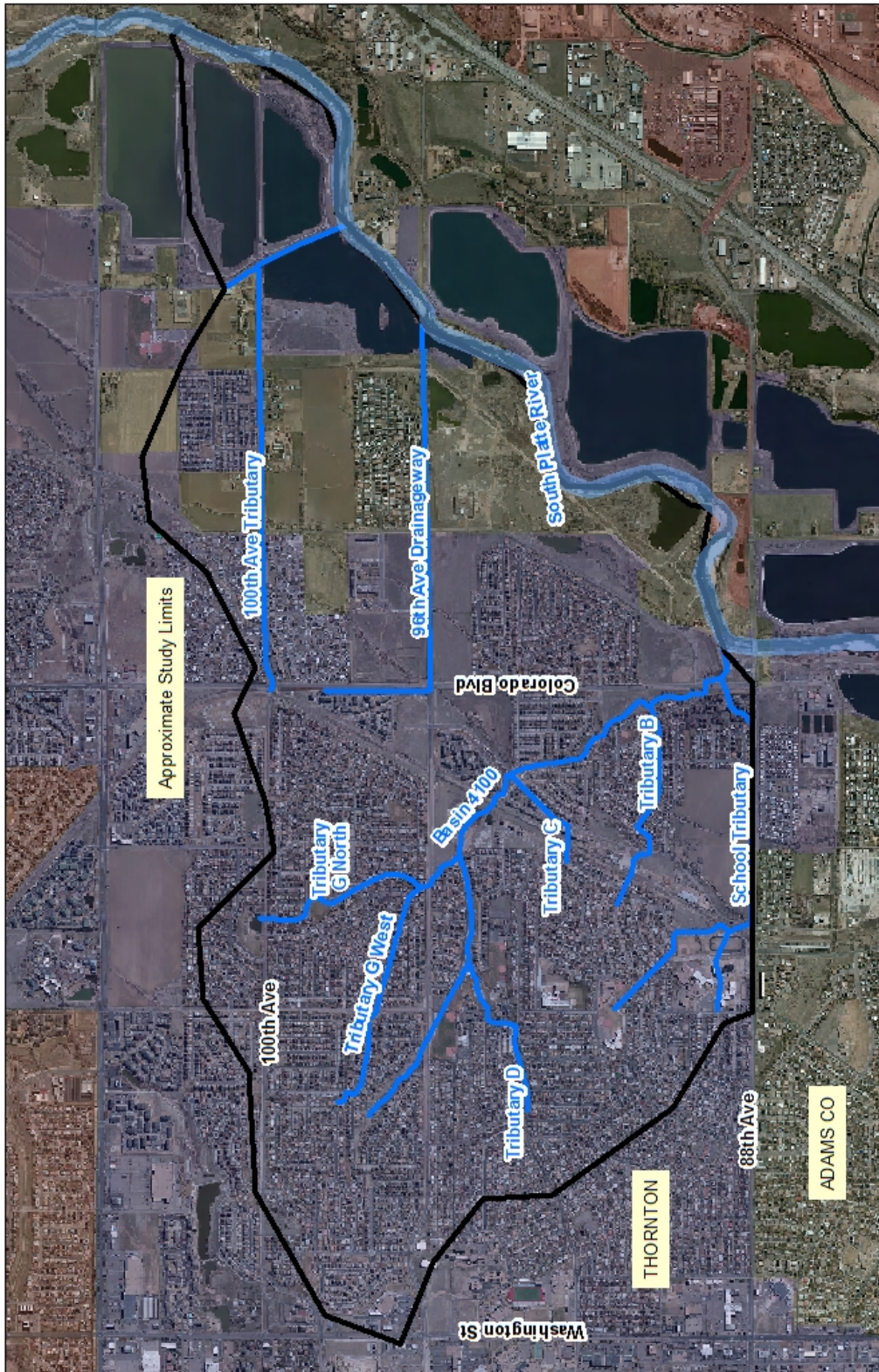


EXHIBIT A  
Basin 4100 & DFA 0056 OSP  
Approximate Study Limits  
October 2016





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 63, SERIES OF 2016

(Authorization for a Planning Study for Goose Creek and Twomile Canyon Creek)

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, City of Boulder has enacted floodplain regulations; and

WHEREAS, the Board has previously established a Work Program for 2016 (Resolution No. 56, Series of 2015) which includes master planning; and

WHEREAS, the Board previously cooperated with the City of Boulder and Boulder County to prepare the "Boulder and Adjacent County Drainageways Major Drainageway Planning," report (Greenhorne & O'Mara, 1987); and

WHEREAS, the City of Boulder has expressed a desire to participate in a study leading to a Major Drainageway Plan for Goose Creek and Twomile Canyon Creek; and

WHEREAS, the Board wishes to cooperate with the City of Boulder in the identification of solutions to stormwater drainage and flood control management problems for Goose Creek and Twomile Canyon Creek (Exhibit A); and

WHEREAS, the cost of engineering and mapping services for this study is estimated to be \$150,000 and is expected to be divided among participating entities as follows:

	<u>Planning Study</u>
District	\$75,000
<u>Boulder</u>	<u>\$75,000</u>
TOTAL	\$150,000

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute an agreement with the City of Boulder to fund the required engineering and mapping services for the Goose Creek and Twomile Canyon Creek planning study.
2. The Executive Director is authorized to procure any needed mapping and to execute a contract with a qualified engineer(s) for required engineering services.
3. The expenditures for the consulting and mapping services are estimated at \$150,000 and the District's share of total costs shall not exceed \$75,000 plus interest earned on monies deposited in the project fund which contribution for the planning portion of this project shall be matched by the City of Boulder.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 63, SERIES OF 2016

(Authorization for a Planning Study for Goose Creek and Twomile Canyon Creek)

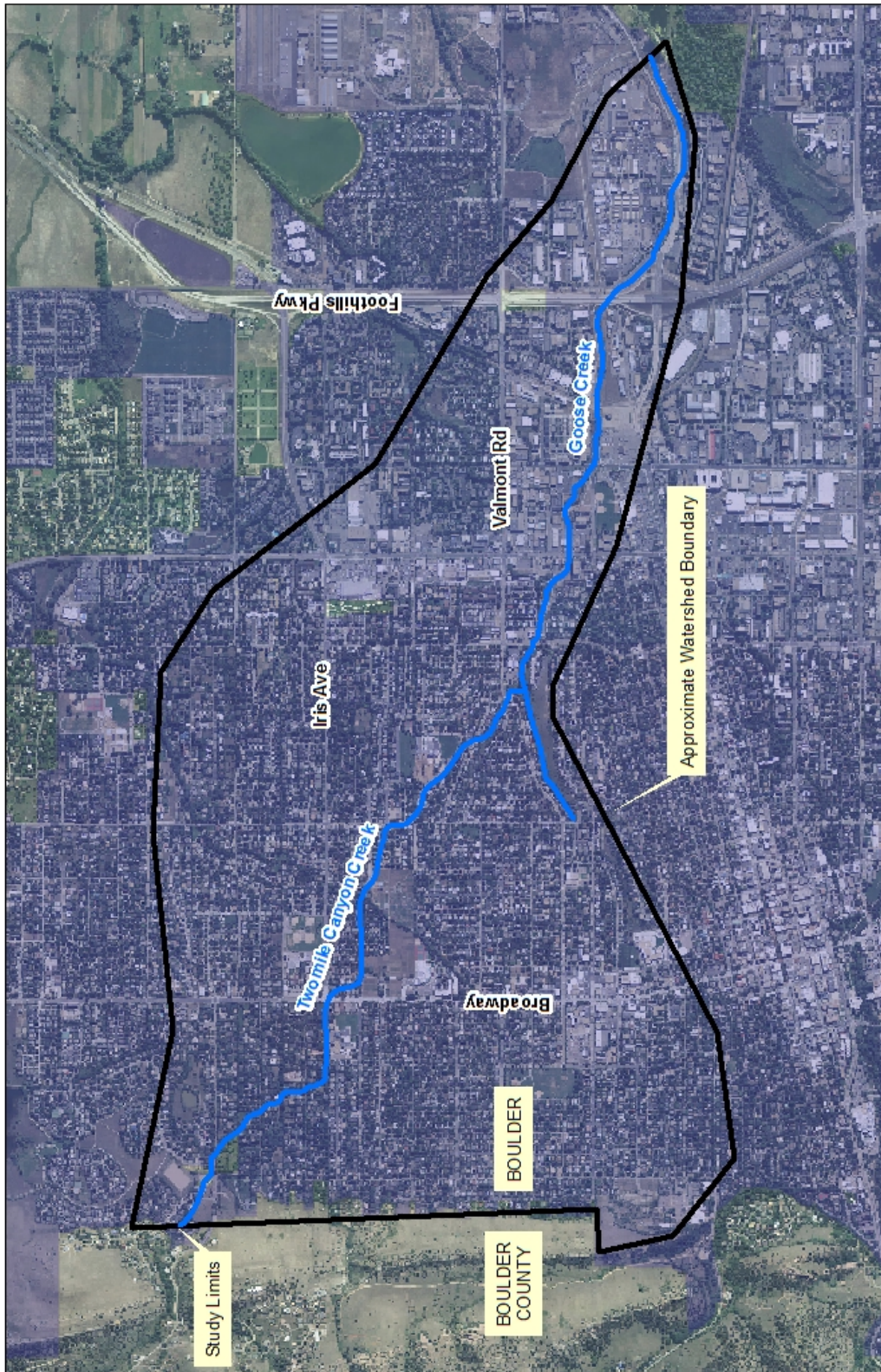


EXHIBIT A  
Goose Creek and Twomile Canyon Creek Mitigation Plan  
Approximate Study Limits  
September 2016



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 64, SERIES OF 2016

(Authorization for a Planning Study of Sand Creek Downstream of Colfax Avenue)

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 of Commerce City, the City and County of Denver and the City of Aurora have enacted floodplain regulations; and

WHEREAS, the Board has previously established a Work Plan for 2017 (Resolution No. 52, Series of 2016) which includes master planning; and

WHEREAS, the Board previously cooperated with the City of Commerce City, the City and County of Denver and the City of Aurora on multiple studies along Sand Creek;

WHEREAS, the City of Commerce City, the City and County of Denver and the City of Aurora have expressed a desire to participate in a study leading to a Major Drainageway Plan and Flood Hazard Area Delineation (FHAD) for Sand Creek downstream of Colfax Avenue; and

WHEREAS, the Board wishes to cooperate with City of Commerce City, City and County of Denver and City of Aurora in the identification of solutions to stormwater drainage and flood control management problems for Sand Creek (Exhibit A); and

WHEREAS, the cost of engineering and mapping services for master planning is estimated to be \$250,000 and is expected to be divided among participating entities as follows:

	<u>Planning Study</u>	<u>FHAD</u>
District	\$100,000	\$50,000
Commerce City	\$30,000	\$0
Denver	\$30,000	\$0
<u>Aurora</u>	<u>\$40,000</u>	<u>\$0</u>
TOTAL	\$200,000	\$50,000

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute an agreement with the City of Commerce City, the City and County of Denver and the City of Aurora to fund the required engineering and mapping services for the Sand Creek planning study.
2. The Executive Director is authorized to procure any needed mapping and to execute a contract with a qualified engineer(s) for required engineering services.
3. The expenditures for the consulting and mapping services are estimated at \$250,000 and the District's share of total costs shall not exceed \$150,000 plus interest earned on monies deposited in the project fund which contribution for the planning portion of this project shall be matched by the City of Commerce City, the City and County of Denver and the City of Aurora.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 64, SERIES OF 2016

(Authorization for a Planning Study of Sand Creek Downstream of Colfax Avenue)

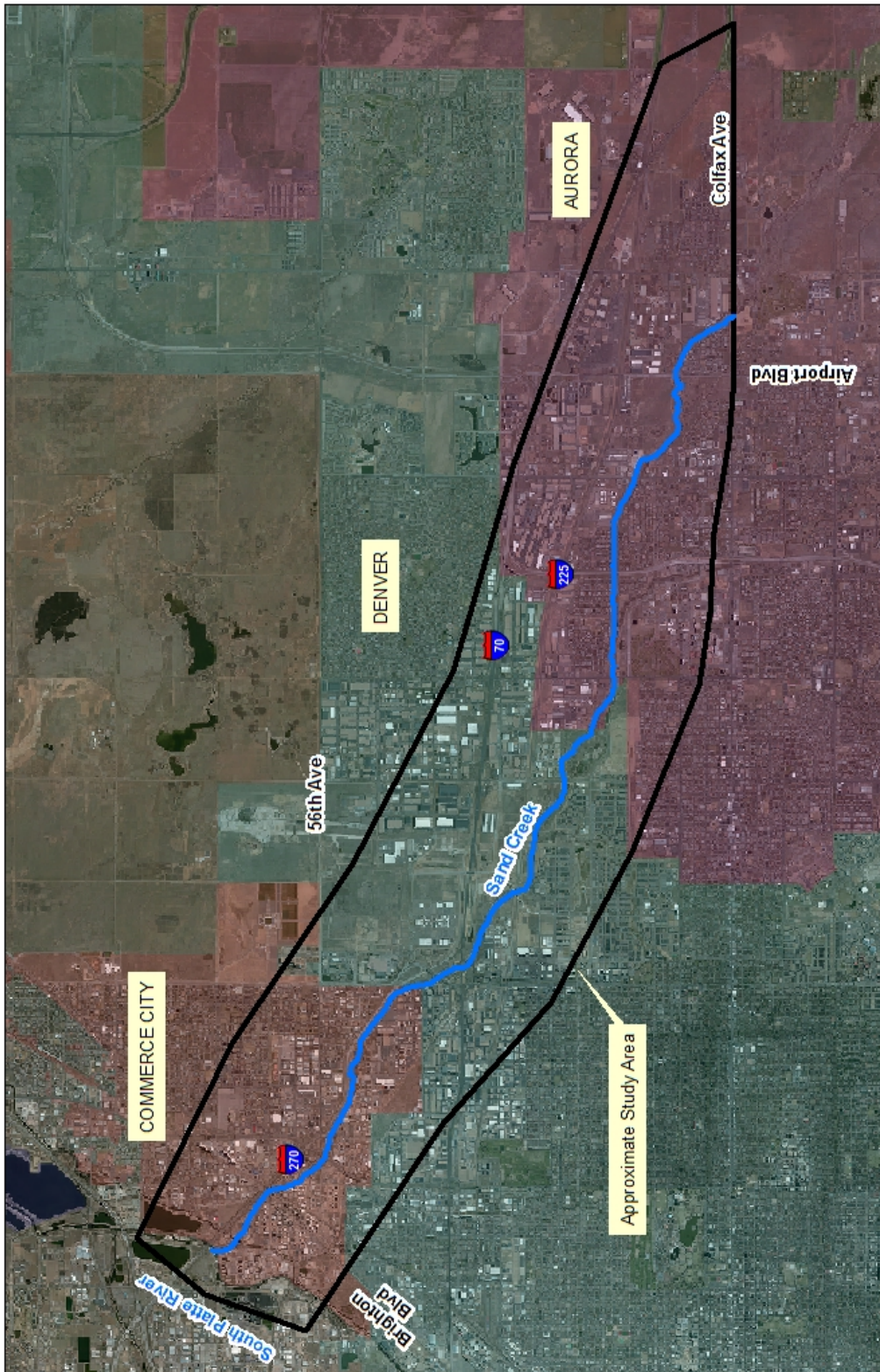
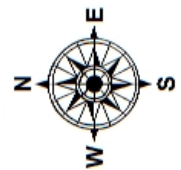


EXHIBIT A  
SAND CREEK MDP & FHAD  
Approximate Study Area  
October 2016







THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 65, SERIES OF 2016

(Authorization of Funds to Complete Flood Hazard Area Delineation Studies, Letter of Map Change Studies, Risk MAP Studies, and Other Floodplain Management Activities)

WHEREAS, the Board has previously established a Work Plan for 2017 (Resolution No. 52, Series of 2016) which includes the delineation of flood hazard areas and coordination of Federal Emergency Management Agency (FEMA) efforts within the District; and

WHEREAS, the Board 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 Board adopted a budget for calendar year 2017 (Resolution No. 49, Series of 2016) that included \$435,000 in the General Fund for Flood Hazard Area Delineation studies, Letter of Map Change Studies, Risk MAP studies, and other Floodplain Management Activities; and

WHEREAS, routine requests are received from local governments throughout the year for Flood Hazard Area Delineation studies or Letter of Map Revision studies; and

WHEREAS, FEMA may have funds available in 2017 for Risk MAP studies, which will require an as yet undetermined local contribution.

NOW THEREFORE BE IT RESOLVED THAT:

1. The Executive Director is authorized to expend the \$435,000 in the Floodplain Management budget for 2017, as well as any funds received from cooperating entities, or FEMA for the completion of Flood Hazard Area Delineation Studies, Letter of Map Revision Studies and/or Risk MAP projects requested by one or more local governments within the District, public notification to citizens of flood hazards, review of development projects, and other activities required to promote good floodplain management practices.
2. The Executive Director shall report periodically on floodplain management activities to the Board of Directors.
3. Such approval for expenditure of funds is contingent upon the benefiting local government agreeing to regulate and control the floodplain defined by the study in accordance with National Flood Insurance Program and enhanced Colorado Floodplain regulations as a minimum.

(SEAL)

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 66, SERIES OF 2016  
(Employment of New Executive Director)

WHEREAS, Resolution No. 51, Series of 2016 offered Mr. Ken MacKenzie employment as the new Executive Director of the District, effective October 13, 2016; and

WHEREAS, such employment is specified to be at will; and

WHEREAS, Resolution No. 51, Series of 2016 additionally authorized the Executive Committee to negotiate the financial details of Mr. MacKenzie’s employment within the parameters established by the Board and to report back the results of the negotiations with Ken MacKenzie to the Board at its November 2016 monthly meeting; and

WHEREAS, the Executive Committee and Mr. Ken MacKenzie now have now agreed upon the negotiated financial details of Mr. MacKenzie’s employment as specified in the Executive Director Employment Agreement.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board authorizes its Chairperson to enter into an Employment Agreement with Mr. Ken MacKenzie as the new Executive Director of the District.
2. Such employment is specified to be at will.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

---

## BOARD OF DIRECTORS MEETING

Date: Thursday, December 15, 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. Visitors/Guests/Staff
  - b. Awards/Recognitions
    - i. APWA Colorado Award – Willow Creek (SEMSWA)
    - ii. 2016 Perfect Attendance – Board Members
- 3. Roll Call – Determination of Quorum**
- 4. Approval of November 22, 2016 Meeting Minutes** (*If there are no corrections “Minutes stand approved”, or with corrections “Minutes stand approved as corrected”*)
- 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
  - b. Legislative Committee  
(Resolution No. 67, Series of 2016)
  - c. Adoption of UDFCD 2016 – 2018 Strategic Plan  
(Resolution No. 68, Series of 2016)
  - d. Authorization of Expenditures for Electronic Data Management  
(Resolution No. 69, Series of 2016)
  - e. Authorization of 2017 Maintenance Expenditures to Assist Local Governments in Maintaining Existing Flood Warning Systems  
(Resolution No. 70, Series of 2016)
  - f. Authorization to Establish an Areawide Meteorological Support Service to Local Governments  
(Resolution No. 71, Series of 2016)
  - g. Acceptance of Harvard Gulch Planning Study  
(Resolution No. 72, Series of 2016)
  - h. Acceptance of Niver Creek Planning Study  
(Resolution No. 73, Series of 2016)
  - i. Additional Authorization to Participate in Drainage and Flood Control Improvements on Little Dry Creek from Lowell Boulevard to Federal Boulevard, City of Westminster, Adams County  
(Resolution No. 74, Series of 2016)
  - j. Authorization to Participate in Drainage and Flood Control Improvements on Big Dry Creek (ADCO), Upstream of Sheridan Boulevard, City of Westminster, Jefferson County  
(Resolution No. 75, Series of 2016)
  - k. Additional Authorization to Participate in Drainage and Flood Control Improvements on Massey Draw at Deer Creek Golf Course, Jefferson County  
(Resolution No. 76, Series of 2016)
  - l. Authorization to Participate in Drainage and Flood Control Improvements on the South and Middle Branches of Hylands Creek, Upstream of 104th Avenue, City of Westminster, Jefferson County  
(Resolution No. 77, Series of 2016)

- m. Authorization to Participate in Drainage and Flood Control Improvements on Newlin Gulch at Heirloom Parkway, Town of Parker, Douglas County (Resolution No. 78, Series of 2016)
  - n. Authorization to Participate in Drainage and Flood Control Improvements on West Fork Big Dry Creek Downstream of Cresthill Lane, Highlands Ranch Metro District, Douglas County (Resolution No. 79, Series of 2016)
6. **Vote on Approval of the Consent Agenda** (*Motion and roll call vote required*)
  7. **Executive Session**
    - a. Contract with Edward J. Krisor, UDFCD's Legal Counsel, [24-6-402 (4)(e)(I) C.R.S.]
  8. **Approval of Edward J. Krisor's Contract as Legal Counsel to the Board of Directors** (Resolution No. 80, Series of 2016)
  9. **Other Business**
    - a. Nominating Committee – Recommendation of 2017 Officers
  10. **Reports/Discussion**
    - a. Executive Director Report
  11. **Announcements**
    - a. Next Regularly Scheduled Meeting: **Wednesday, February 1, 2017**
    - b. **The Board does not meet in January.**
  12. **Adjournment**

*Merry Christmas and Happy New Year !*





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

**November 22 2016**

**MINUTES**

**Members Present:**

Herb Atchison, Mayor, City of Westminster  
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  
Joyce Jay, Mayor, City of Wheat Ridge  
Adam Paul, Mayor, City of Lakewood  
Jill Repella, Commissioner, Douglas County  
Dave Sellards, Engineer  
Greg Stokes, Mayor Pro Tem, City/County of Broomfield  
Libby Szabo, Commissioner, Jefferson County  
Charles (Chaz) Tedesco, Commissioner, Adams County  
C.J. Whelan, Mayor Pro Tem, City of Centennial  
Heidi Williams, Mayor, City of Thornton

**Members Absent:**

Deb Gardner, Commissioner, Boulder County  
Paul Kashmann, Council Member, City/County of Denver  
Paul López, Council Member, City/County of Denver  
Don Mares, Deputy Mayor, City/County of Denver  
Renie Peterson, Mayor Pro Tem, City of Aurora  
Nancy Sharpe, Commissioner, Arapahoe County  
Mary Young, Mayor Pro Tem, City of Boulder

**UDFCD Staff Present:**

Ken MacKenzie	Executive Director
Ed Krisor	Legal Counsel
Julia Bailey	Project Engineer, Information Services and Flood Warning
Dave Bennetts	Program 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 Manager
Terri Fead	Project Manager, Floodplain Management
Jeff Fisher	Senior Construction Manager
Bryan Kohlenberg	Project Manager, Design, Construction, and Maintenance
Laura Kroeger	Assistant Program Manager, Design, Construction, and Maintenance
David Mallory	Program Manager, Floodplain Management
Steve Materkowski	Senior Construction Manager
Teresa Patterson	Project Manager, Floodplain Management
John Pflaum	Project Engineer
Holly Piza	Project Manager, Master Planning
Wanda Salazar	Accountant
Mike Sarmento	Senior Construction Manager
Terri Schafer	Manager, Finance and Accounting
Derrick Schauer	Information Services Technician
David Skuodas	Project Manager, Design, Construction, and Maintenance
Jason Stawski	Senior Construction Manager
Kevin Stewart	Program Manager, Information Services and Flood Warning
Shea Thomas	Project Manager, Master Planning
Joe Williams	Senior Construction Manager

**Others Present:**

None.

**How the District Works –Good Bye Video**

In lieu of the typical “How the District Works” presentation Ken MacKenzie presented the “Good Bye” video that the UDFCD Staff made for Paul Hindman’s Retirement Party.

**1. Call to Order and Pledge of Allegiance – 1:00 p.m.**

Mayor Downing called the meeting to order at 1:02 p.m.

**2. Introductions**

**a. Visitors/Guests/Staff**

None.

**b. Awards/Recognitions**

Government Finance Officers Association (GFOA) Excellence in Financial Achievement

Every year, the Government Finance Officers Association (GFOA) presents an award recognizing excellence in financial achievement. Mr. MacKenzie announced that the District was issued this award, once again, and congratulated both Terri Schafer, Finance and Accounting Manager and Wanda Salazar, Accountant, for their efforts to provide outstanding finance management to the District.

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

Roll was called and a quorum was declared present.

**4. Board Approval of October 13, 2016 Meeting Minutes** *(If there are no corrections “Minutes stand approved”, or with corrections “Minutes stand approved as corrected”)*

Mayor Downing asked if there were any corrections to the October 13, 2016 minutes. Hearing none, the minutes were approved as submitted.

**5. Public Hearing**

**a. Presentation of Proposed 2016 – 2020 Five Year Capital Improvement Plan**

Mayor Downing opened the public hearing at 1:05 pm.

This is the final presentation of the Five-Year Capital Improvement Plan (CIP). The CIP was sent to local governments in October asking for comments to be returned to the District. Comments and requests were received from most of the local governments and they have been incorporated into the CIP to the extent possible. All requests cannot be accommodated because there are more requests than there are funds available. The draft 2016 – 2020 Five-Year CIP was distributed to Board members at the last board meeting and the final was emailed to the Board the week of the Board Meeting.

Although the District welcomes CIP requests throughout the year, opportunities to change the Five-Year CIP are limited once it is adopted in November. There is a strong demand for District participation, so it is difficult to add a new project unless another project can be omitted or postponed.

The Five-Year CIP has some built-in flexibility in the funding levels because matching funds from local governments tend to change throughout the year for these large CIP projects. The final Five-Year CIP is presented at the November meeting for adoption pursuant to a public hearing. Authorization for all individual CIP project expenditures will be brought before the Board during 2017.

Mayor Downing requested comments or questions from the Board and public. There being none, the Presentation of Proposed 2016 – 2020 Five-Year Capital Improvement Plan was closed at 1:06 pm.

**6. Executive Session – Personnel Matter – Employment of Executive Director [24-6-402(4)(f)(I) and (3.5) C.R.S.]**

**a. Employment of New Executive Director**

*(This agenda item was moved to the end of the meeting, after agenda item 8. Vote on Approval of the Consent Agenda)*

Following the Executive Session, the Board authorized Chairperson Downing to enter into an Employment Agreement with Mr. Ken MacKenzie as the new Executive Director of the District.

There being no further comments or questions, a motion was made and seconded to adopt Resolution No. 66, Series of 2016. The motion was passed unanimously.

7. **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 October and November 2016, 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 2017 Work Plan  
(Resolution No. 52, Series of 2016)**

The 2017 Work Plan sets forth primary activities of the District for each major program area. It does not authorize any expenditure. The major program areas include Design, Construction and Maintenance; Floodplain Management; Information Systems and Flood Warning; Master Planning and Special Services (USGS Data Collection, NPDES Activities, etc.). Resolution No. 52 adopts the Work Plan for 2017. The 2017 Work Plan serves as a guide and, based on changing needs, projects may be added or removed. The 2017 Work Plan consists of a built-in contingency for each county to account for unanticipated projects.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 52 on the Consent Agenda.

c. **Adoption of Five-Year Capital Improvement Plan (CIP) 2016 - 2020  
(Resolution No. 53, Series of 2016)**

Resolution No. 53, Adoption of the Five-Year CIP 2016 - 2020, was discussed during the Public Hearing portion of the meeting.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 53 on the Consent Agenda.

d. **Authorization of 2017 Maintenance Work Plan Expenditures  
(Resolution No. 54, Series of 2016)**

Authorization will be for the total amount of \$9,325,000 for construction and maintenance-type services in the Maintenance Fund and \$2,240,000 in the South Platte River Fund (Resolution No. 55). Adoption of the 2017 budget will limit expenditures in each county to each county's share determined by property tax revenue contribution.

The 2017 Maintenance Plan is developed to guide maintenance activities for stream management and restoration projects on a county-by-county basis. The Draft 2017 Maintenance Plan and a South Platte River Work Plan were distributed to the Board at the last Board meeting and final documents were emailed to the Board the week of the Board Meeting.

Maintenance Plan priorities are based on the following:

- District owned facilities
- Facilities owned by other public entities, but partly financed with District funds
- Facilities owned by other public entities and constructed by others without District assistance
- Unimproved urban drainageways
- Unimproved rural drainageways

Both work plans are based on adding maintenance for facilities completed in 2016, continued commitment to facilities owned by the District or constructed with District assistance, staff knowledge of condition of drainageways, annual requests from local governments of maintenance needs, and staff contacts with local entities. Work is listed by county and category of work and includes the local government where the work is located, description of work, and the estimated cost.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 54 on the Consent Agenda.



**e. Authorization of 2017 CIP and Maintenance Work Plan for the South Platte River (Resolution No. 55, Series of 2016)**

Resolution No. 55, Authorization of 2017 Operation Expenditures for the South Platte River, was discussed under the previous resolution (Resolution No. 54, Series of 2016).

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 55 on the Consent Agenda.

**f. Authorization to Participate in Drainage and Flood Control Improvements on McIntyre Gulch at Holland Street, City of Lakewood, Jefferson County (Resolution No. 56, Series of 2016)**

This is a joint project with the City of Lakewood. The City of Lakewood desires to design and construct roadway crossing improvements along McIntyre Gulch at Holland Street in Lakewood in accordance with the "Major Drainageway Planning – McIntyre Gulch, Phase B Study," dated November 1977. Flows frequently overtop Holland Street, a major access to properties in the area. Currently, the roadway crossing consists of two 48-inch corrugated metal pipes (400 cfs), significantly undersized for the 100-year storm event (3,420cfs). The project includes improvements to this crossing to safely pass these flows. It is anticipated that a 2-cell (14-ft wide by 10-ft high) concrete box culvert will be needed.

The City of Lakewood already holds most of the necessary right-of-way. Easements will be obtained where needed. The District will be administering the design once a consulting engineering firm is selected. The District and the City of Lakewood desire to construct the improvements which will be managed by the District. Construction is anticipated to be fully funded by the City of Lakewood and is anticipated in 2018.

The District and the City of Lakewood have identified \$100,000 in initial project costs for the design and partial funding of construction with the District's participation being \$50,000 in 2016 funds. Total design and construction cost is anticipated to be \$900,000. Additional funds may be required for this project in the future.

Resolution No. 56 authorizes \$50,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Lakewood for the design 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. 56 on the Consent Agenda.

**g. Additional Authorization to Participate in Drainage and Flood Control Improvements on Happy Canyon Creek at Interstate 25, Douglas County (Resolution No. 57, Series of 2016)**

This is a joint project with Douglas County. Muller Engineering Company, Inc. designed the project under contract with the District. The drainage elements of the project include installation of channel bank and bed improvements. Easement and right-of-way acquisition is included in the project costs.

The final design is now complete and the District and Douglas County desire to construct the improvements which will be managed by the District. Construction is anticipated in 2017. The District and Douglas County have identified \$2,190,829 in total project costs with the District's participation being \$845,000. The previous authorizations (Resolution No. 33, Series of 2013; Resolution No. 38, Series of 2015; and Resolution No. 43, Series of 2016) totaled \$750,000 to fund design and to partially fund acquisition of right-of-way and construction. It is anticipated that additional funds may be required for this project in the future.

Resolution No. 57 authorizes an additional \$95,000 of District funds from the Special Revenue Fund - Construction to at least be matched by Douglas 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. 57 on the Consent Agenda.

**h. Authorization to Participate in Drainage and Flood Control Improvements on Coal Creek from McCaslin Boulevard to Highway 36, Town of Superior, Boulder County (Resolution No. 58, Series of 2016)**

This is a joint project with the Town of Superior. The Town of Superior desires to design, acquire right-of-way, and construct improvements along Coal Creek from McCaslin Boulevard to Highway 36 in accordance with the "Coal Creek and Rock Creek Major Drainageway Plan," dated October 2014. The project includes improvements to improve stream health and improve the recreational and transportation amenities along the creek.

The Town of Superior already holds the necessary easements and right-of-way where the project will be carried out. The Town of Superior is administering the design with Matrix Design Group. The District and the Town of Superior desire to construct the improvements which will be managed by the District. Construction is anticipated in 2018. The District and the Town of Superior have identified \$1,100,000 in total project costs for the design, right-of-way acquisition, and construction with the District's participation being \$0 in 2016 funds. It is anticipated that additional funds may be required for this project in the future.

The District and the Town of Superior recently participated in improvements to Coal Creek Upstream of McCaslin Boulevard. Those improvements are now complete and the District and the Town of Superior now desire to divert unused funds from the upstream project to this project. The upstream project received a FEMA grant late in the project timeline, which led to around \$400,000 in unused funds.

Resolution No. 58 authorizes \$0 of District funds from the Special Revenue Fund - Construction to at least be matched by the Town of Superior 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. 58 on the Consent Agenda.

**i. Authorization to Enter Into Agreement with the U.S. Geological Survey (USGS) for Rainfall/Runoff Investigation (Resolution No. 59, Series of 2016)**

Hydrology is the study of rainfall and resulting stormwater runoff. It is the foundation for all of the District's drainage and flood control design. The District has been part of a cooperative agreement with the USGS regarding rainfall and runoff investigations and peak flow data collection since 1982.

The cost of entering into a cooperative agreement with the USGS with regard to rainfall, runoff, and stream flow data collection and investigation is estimated at \$120,000, which funds are available in the 2017 Work Plan.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 59 on the Consent Agenda.

**j. Authorization to Assist Communities with NPDES MS4 Permit Compliance to Develop Engineering Criteria and Software, and to Conduct Stormwater Management Research (Resolution No. 60, Series of 2016)**

Since 1991, the District has been assisting municipalities within the District in their efforts to comply with National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) permit requirements and related activities.

The cost of continued support services needed to meet NPDES Phase I permit commitments, to assist NPDES Phase 2 communities in their evolving permit compliance requirements, to provide required wet-weather monitoring of receiving waters as agreed to between the State and the permitted municipalities, and to continue the installation and testing of BMP facilities for the purpose of improving their design technology is estimated at \$165,000, the estimated cost for criteria development is estimated at \$70,000, the cost of software development is estimated at \$80,000, and the cost for stormwater management research is estimated at \$100,000.

The Board has adopted the 2017 Work Plan (Resolution No. 52, Series of 2016) which includes a total of \$415,000 to assist governments within the District with their MS4 permit programs, to develop engineering criteria, software, and to conduct stormwater management research.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 60 on the Consent Agenda.

**k. Authorization for a Planning Study of SJCD (N), SJCD (S) North Tributary and DFA 6100.5 (Resolution No. 61, Series of 2016)**

In 2015, Jefferson County requested a master plan and Flood Hazard Area Delineation (FHAD) update for SJCD (N), SJCD (S) Tributary and DFA 6100.5. Previous UDFCD studies in the basin include the “Major Drainageway Planning S.J.C.D. (North) – Basin 6100” report (CH2M Hill, 1976). The existing study is out of date and the drainageways have not been studied in 40 years. Much of the existing infrastructure is old as well and degrading. A master plan is needed to determine the condition of the existing infrastructure and the conveyance capabilities of the channels and culverts, and to prioritize recommended improvements.

The FHAD budget is set at \$50,000 and the master planning costs are projected to be \$150,000 with the local sponsor contributing \$75,000. Resolution No. 61 authorizes the expenditure of the District’s share not to exceed \$125,000 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. 61 on the Consent Agenda.

**l. Authorization for a Planning Study of Basin 4100 and Direct Flow Area (DFA) 0056 (Resolution No. 62, Series of 2016)**

In 2012, the City of Thornton requested an update to the existing Basin 4100 and Direct Flow Area (DFA) 0056 Outfall Systems Plan. Adams County was asked to participate as well and agree to help fund the study. Previous UDFCD studies in the basin include:

- “Basin 4100 and Direct Flow Area 0056 Outfall Systems Planning Study” (Kiowa, 2002)
- “Basin 4100 Direct Flow Area 0056 Outfall Systems Planning” (Griffith, 1986)

Since this area was last studied, several regional detention ponds have been planned or constructed as a part of development and the Regional Rail Partners work. These improvements will significantly alter the peak discharges downstream so recommendations in the previous study need to be updated accordingly.

The master planning costs are projected to be \$160,000 with the local sponsors contributing \$80,000. We ask the Board to authorize the expenditure of the District’s share not to exceed \$80,000 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. 62 on the Consent Agenda.

**m. Authorization for a Planning Study for Goose Creek and Twomile Canyon Creek (Resolution No. 63, Series of 2016)**

In 2013, the City of Boulder initiated a floodplain mapping study for Goose Creek and Twomile Canyon Creek. In anticipation of that mapping study completion, the City of Boulder requested a mitigation plan for Goose Creek and Twomile Canyon Creek to begin in 2016. Previous UDFCD studies in the basin include:

- “Boulder and Adjacent County Drainageways Major Drainageway Planning” report (Greenhorne & O’Mara, 1987)

The previous study calls for only minor storm improvements and non-structural measures such as encouraging property owners to purchase flood insurance. Boulder would like a more comprehensive master plan that takes into consideration the new floodplain with solutions for reducing the flood risk to numerous existing structures.

The master planning costs are projected to be \$150,000. Resolution No. 63 authorizes the expenditure of the District’s share not to exceed \$75,000 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. 63 on the Consent Agenda.

**n. Authorization for a Planning Study of Sand Creek Downstream of Colfax Avenue (Resolution No. 64, Series of 2016)**

A major drainageway plan and a FHAD for Sand Creek upstream of Colfax Avenue to Yale Avenue were completed in 2013 and 2012, respectively. In 2014, Denver requested a major drainageway plan and FHAD for Sand Creek within their jurisdiction. In an effort to have one continuous master plan and floodplain study from the South Platte River to the recently completed study limits, the City of Aurora and Commerce City were asked to participate as well. The City of Aurora confirmed financial contribution in 2014 and Commerce City confirmed contributions in 2015. Previous UDFCD studies on Sand Creek include:

- “Sand Creek Colfax to Yale Major Drainageway Plan” (Matrix, 2013)
- “Flood Hazard Area Delineation Sand Creek Colfax to Yale” (Matrix, 2012)
- “Major Drainageway Planning Sand Creek South Platte River to East Corporate Boundary of Aurora, Colorado” (Simons, Li, 1984)
- “Flood Hazard Area Delineation Sand Creek” (UDFCD, 1977)

The existing study is out of date and many of the recommendations in that report are no longer compatible with standard engineering practices. In addition, the creek has degraded and moved significantly in some location rendering the current floodplain mapping inaccurate. The FHAD budget is set at \$50,000 and the master planning costs are projected to be \$200,000 with the local sponsors contributing \$100,000. Resolution No. 64 authorizes the expenditure of the District’s share not to exceed \$150,000 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. 64 on the Consent Agenda.

**o. 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. 65, Series of 2016)**

This resolution authorizes the total Floodplain Management Program budget of \$435,000 for 2017. The District typically receives requests from local governments throughout the year for 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 \$435,000 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. 65 on the Consent Agenda.

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

It was the consensus of the Board that Resolutions No. 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64 and 65, Series of 2016, and Cash Disbursements dated October and November 2016 be placed on the Consent Agenda. Mayor Downing moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

**9. Reports/Discussion**

**10. Other Business**

**a. Call for Volunteers: Nominating Committee for 2017 Officers**

Mayor Downing requested volunteers to serve on the Nominating Committee for the 2017 Executive Committee. The following board members volunteered their services:

1. Commissioner Libby Szabo
2. Mayor Adam Paul
3. Mayor Pro Tem Bob Fifer

At the December Board meeting, the Nominating Committee will announce their recommendations and the Board will then vote on the recommendations. Mayor Downing also requested that any Board member looking to serve on the Executive Committee should inform Mr. MacKenzie or anyone on the Nominating Committee.

**b. Call for Volunteers: 2017 Legislative Committee**

Mr. MacKenzie requested volunteers to serve on the Board's Legislative Committee. Mr. MacKenzie explained that this committee meets when new bills that affect our District are introduced. The following Board members volunteered to serve on the 2017 Legislative Committee:

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

**11. Announcements**

- a.** Next Regularly Scheduled Meeting: Thursday, December 15, 2016

**12. Adjournment**

Mayor Downing adjourned the meeting at 3:20 p.m.

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 67, SERIES OF 2016  
(Legislative Committee)

WHEREAS, Section 32-11-208(b), C.R.S., provides that: “The board, on behalf and in the name of the District, has the powers to adopt and amend or otherwise modify bylaws and rules of procedure”; and

WHEREAS, from time to time state and federal legislation is proposed and being acted upon which would affect the operations of the District; and

WHEREAS, each year, a Legislative Committee is established by the Board of Directors for the following calendar year.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. There is hereby established in the place and stead of any previous Legislative Committee (Committee) a Committee composed of board members Commissioner Libby Szabo, Mayor Heidi Williams, and Mr. Dave Sellards selected by the Board of Directors (Board) from the members of the board.
2. The Legislative Committee shall review and evaluate from time to time, on behalf of the Board, pending state and federal legislation which would affect the operations of the District. Actions of the Legislative 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.
3. The Committee shall report to the Board at the next regularly scheduled Board meeting any actions taken by the Committee along with a summary of any bills or activities that may affect the District.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 68, SERIES OF 2016  
(Adoption of UDFCD 2016 – 2018 Strategic Plan)

WHEREAS, the District recognized that in order to function effectively on a long-term basis, it must operate under the guidance of a strategic plan which establishes future District goals and priorities; and

WHEREAS, the District engaged the services of a consultant to facilitate a strategic planning effort that began in January of 2016; and

WHEREAS, the strategic planning effort included extensive data gathering, analysis of District strengths, weaknesses, opportunities, and threats (SWOT), development of key objectives, strategies, and short and long-term goals; and

WHEREAS, the Board was provided with a presentation of the draft Strategic Plan in April of 2016; and

WHEREAS, the Board’s comments were taken into consideration and incorporated into the final 2016 – 2018 Strategic Plan; and

WHEREAS, the strategic plan is consistent with the mission, vision, commitment, and core values of the District; and

WHEREAS, this strategic plan must be regularly reviewed to effectively respond to the needs of the community; and

WHEREAS, the Board has reviewed the aforementioned document and finds it to be a satisfactory statement of the District’s mission, vision, commitment, and core values; and

WHEREAS, the Board now desires to adopt the UDFCD 2016 – 2018 Strategic Plan; and

NOW, THEREFORE, BE IT RESOLVED THAT:

- 1. The Board hereby adopts the 2016 – 2018 UDFCD Strategic Plan, dated December 2016.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 69, SERIES OF 2016  
(Authorization of Expenditures for Electronic Data Management)

WHEREAS, the District previously developed an information technology infrastructure and web map application to support the management and public availability of District electronic data and information (Resolution No. 44, Series of 2009); and

WHEREAS, the District purchased a records management software package to administer and retain electronic documents in compliance with the District's records retention policy (Resolution No. 45, Series of 2012); and

WHEREAS, the District desires to further develop, enhance, and maintain capabilities to manage and disseminate electronic data and information; and

WHEREAS, the District previously established a Work Plan for 2017 (Resolution No. 52, Series of 2016) which includes the provision to continue development of District GIS capability; and

WHEREAS, the District has adopted a budget for calendar year 2017, subsequent to public hearing, (Resolution No. 49, Series of 2016) which includes funds for electronic data management.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, consultant(s), and others as necessary for maintenance and development of additional electronic data management functionality.
2. The cost of these services shall not exceed \$100,000 for calendar year 2017.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 70, SERIES OF 2016

(Authorization of 2017 Maintenance Expenditures to Assist Local Governments in Maintaining Existing Flood Warning Systems)

WHEREAS, the District adopted a budget for calendar year 2017, subsequent to public hearing, (Resolution No. 49, Series of 2016) that includes \$480,000 in the Special Revenue Fund - Maintenance for maintenance of flood warning equipment; and

WHEREAS, the District in cooperation with local governments has installed flood detection networks using ALERT gauging equipment for Boulder Creek, South Boulder Creek, Lena Gulch, Ralston Creek, Westerly Creek, Toll Gate Creek, Goldsmith Gulch, Harvard Gulch, Bear Creek, Douglas County, Southwest Denver and Upper Sand Creek; and

WHEREAS, the District has installed ALERT gauging equipment at a number of flood control facilities in which the District participated in the funding and construction thereof; and

WHEREAS, the District adopted a Work Plan for 2017 (Resolution No. 52, Series of 2016) which includes the continuation of a program to provide meteorological services to local governments that begins on April 15 and relies in part on the ALERT flood detection networks; and

WHEREAS, the gauging equipment including self-reporting rain and water level sensors, weather stations, repeater stations, and associated radio receiving and transmitting equipment needs to be re-installed and will require maintenance on a regular basis in order to operate dependably; and

WHEREAS, flood warning maintenance activities must start early in the calendar year in order for the flood detection system to be fully operational by April 15.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to negotiate and execute necessary agreements to provide flood warning system maintenance assistance to local governments for the 2017 flood season.
2. The costs of these services shall not exceed \$480,000 for calendar year 2017.

(SEAL)

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 71, SERIES OF 2016  
(Authorization to Establish an Area-wide Meteorological  
Support Service to Local Governments)

WHEREAS, the District adopted a budget for calendar year 2017, subsequent to public hearing, (Resolution No. 49, Series of 2016) that included \$157,000 in the General Fund for meteorological services and data and communication costs associated with the flood warning radar/satellite system; and

WHEREAS, the District has previously established a Work Plan for 2017 (Resolution No. 52, Series of 2016) which includes the provision of meteorological services to supplement National Weather Service watches and warnings; and

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute an agreement with a qualified meteorologist(s) to provide meteorological services to local governments for the 2017 flood season.
2. The costs of these services shall not exceed \$115,000 for calendar year 2017 without further approval of the Board.
3. The Executive Director is also authorized to pay reasonable and necessary equipment costs, communications charges, data acquisition fees and other costs required to operate the radar/satellite system and to make flood warning information available to local governments, which costs shall not exceed \$42,000 for calendar year 2017 without further approval of the Board.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 72, SERIES OF 2016  
(Acceptance of Harvard Gulch Planning Study)

WHEREAS, the District cooperated with the City and County of Denver and the City of Englewood in the preparation of a major drainageway planning study for Harvard Gulch and Dry Gulch (Resolution No. 59, Series of 2014); and

WHEREAS, the Executive Director executed an agreement for engineering services with the consulting firm Matrix Design Group, Inc. to conduct studies and prepare a major drainageway planning report for Harvard Gulch and Dry Gulch; and

WHEREAS, Matrix Design Group, Inc. has completed the study and submitted to the District the report titled "Harvard Gulch and Dry Gulch Major Drainageway Plan," dated December 2016.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board of Directors of the Urban Drainage and Flood Control District hereby accepts the report titled "Harvard Gulch and Dry Gulch Major Drainageway Plan," dated December 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. 72, SERIES OF 2016  
(Acceptance of Harvard Gulch Planning Study)

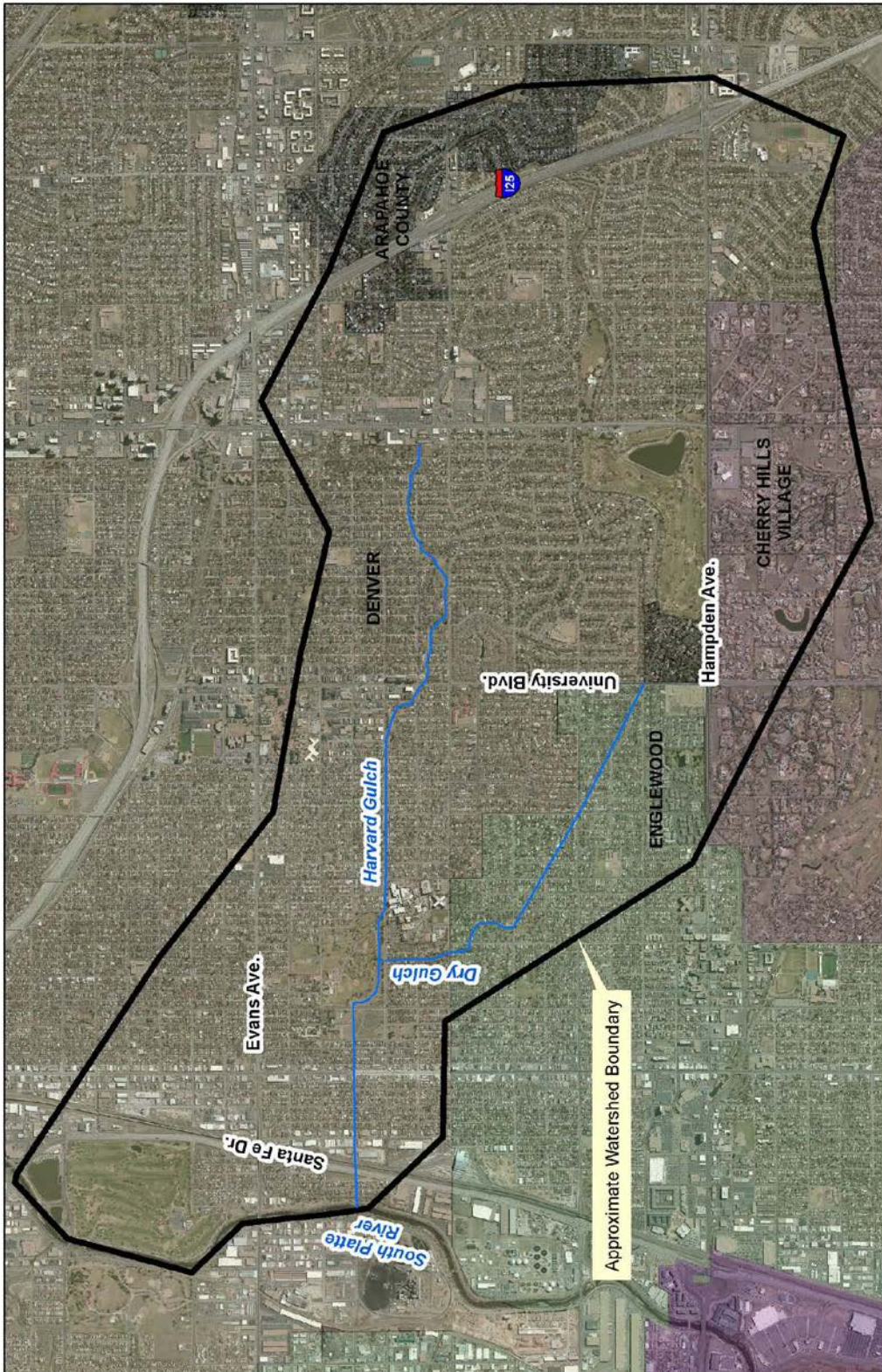
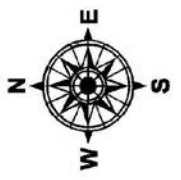


EXHIBIT A  
DRY GULCH  
Major Drainage Plan & FHAD  
July 2015



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 73, SERIES OF 2016  
(Acceptance of Niver Creek Planning Study)

WHEREAS, the District cooperated with the City of Thornton, the City of Federal Heights and Adams County in the preparation of a major drainageway planning study for Niver Creek and tributaries (Resolution No. 33, Series of 2014); and

WHEREAS, the Executive Director executed an agreement for engineering services with the consulting firm CH2M to conduct studies and prepare a major drainageway planning report for Niver Creek and tributaries; and

WHEREAS, CH2M has completed the study and submitted to the District the report titled “Niver Creek and Tributaries Major Drainageway Plan,” dated December 2016.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board of Directors of the Urban Drainage and Flood Control District hereby accepts the report titled “Niver Creek and Tributaries Major Drainageway Plan,” dated December 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. 73, SERIES OF 2016  
(Acceptance of Niver Creek Planning Study)

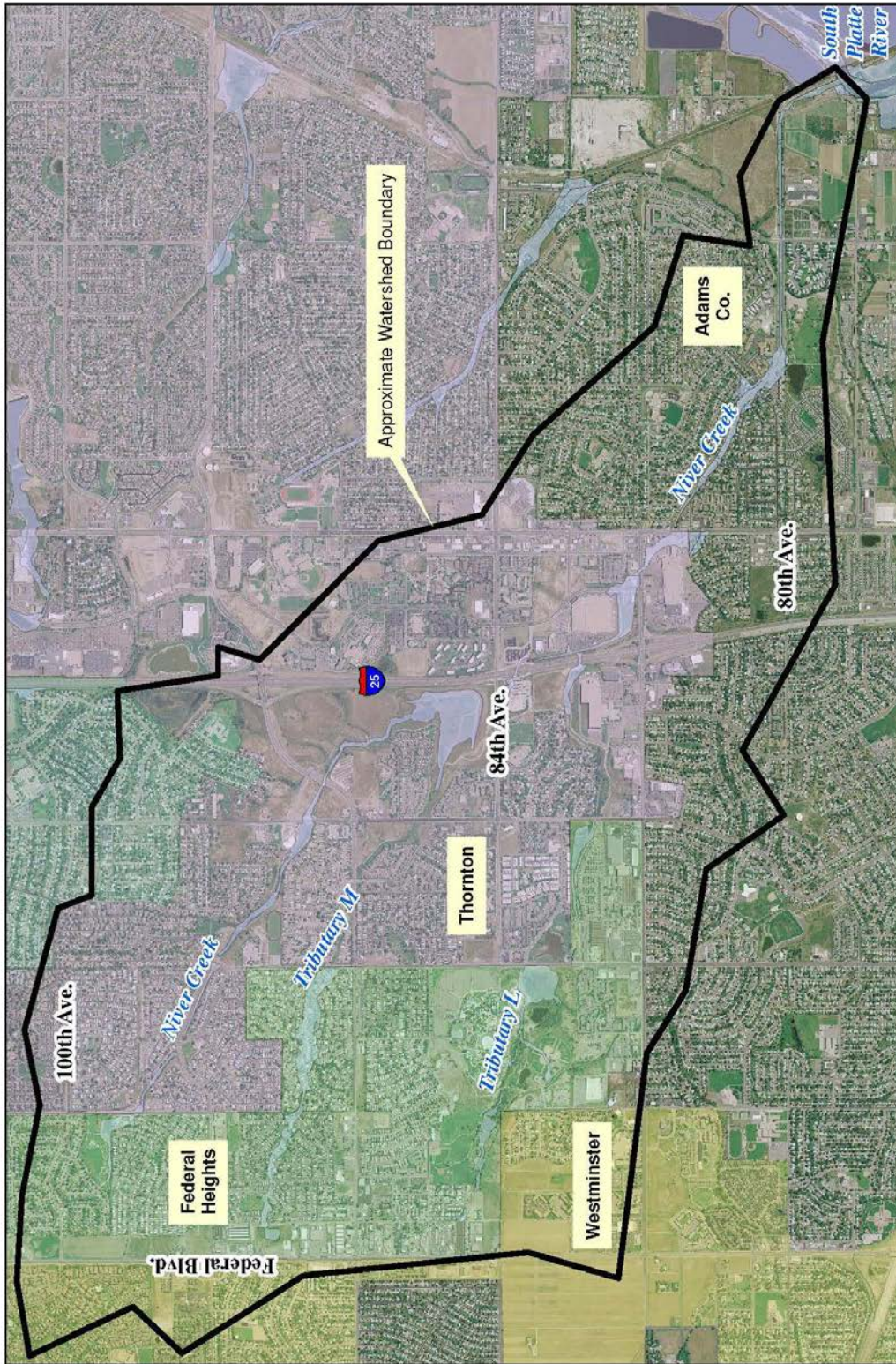


EXHIBIT A  
NIVER CREEK  
Major Drainageway Plan and FHAD  
May 2014

A compass rose is located below the title, with 'N' at the top, 'S' at the bottom, 'E' on the right, and 'W' on the left.

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 74, SERIES OF 2016

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Little Dry Creek from Lowell Boulevard to Federal Boulevard, 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 of Westminster and Adams County have enacted floodplain regulations; and

WHEREAS, the City of Westminster, Adams County, and the District cooperated in the preparation of "Little Dry Creek, Adams County Major Drainageway Planning Study," dated 1979; and

WHEREAS, the Board previously authorized \$2,325,000 for design, acquisition of right-of-way, and construction of improvements along Little Dry Creek from Lowell Boulevard to Federal Boulevard (Table 1 and Exhibit A); and

**Table 1  
Little Dry Creek from Lowell Boulevard to Federal Boulevard  
Previous Authorizations**

Resolution No.	Series of	District Authorization	Work Elements
54	2008	\$100,000	Design and Construction Funding
20	2009	\$100,000	Construction Funding
12	2010	\$300,000	Final Design and Construction Funding
43	2010	\$200,000	Construction Funding
21	2012	\$275,000	Construction Funding
65	2012	\$300,000	Construction Funding
37	2013	\$175,000	Construction Funding
63	2013	\$460,000	Construction Funding
78	2014	\$265,000	Construction Funding
23	2015	\$150,000	Construction Funding
<b>TOTAL</b>		<b>\$2,325,000</b>	

WHEREAS, the City of Westminster, Adams County, and the District now desire to construct improvements along Little Dry Creek; and

WHEREAS, the City of Westminster and Adams County have estimated the additional project costs to be \$275,000 resulting in a revised total project cost of \$6,775,000 (\$2,600,000 District; \$4,175,000 Westminster and Adams County); and

WHEREAS, the District’s additional participation being authorized by this resolution is \$275,000; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget (Resolution No. 49, Series of 2016) for calendar year 2017, subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Little Dry Creek from Lowell Boulevard to Federal Boulevard; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 53, Series of 2016) in which the improvements along Little Dry Creek from Lowell Boulevard to Federal Boulevard were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 54, Series of 2008, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the Little Dry Creek from Lowell Boulevard to Federal Boulevard project without prior approval of the Board shall be ~~\$2,325,000~~ **\$2,600,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Westminster and Adams County."
2. All other conditions and authorizations remain as stated in Resolution No. 54, Series of 2008.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 74, SERIES OF 2016

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Little Dry Creek from Lowell Boulevard to Federal Boulevard, City of Westminster, Adams County)

**EXHIBIT A**





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 75, SERIES OF 2016

(Authorization to Participate in Drainage and Flood Control Improvements  
on Big Dry Creek (ADCO), Upstream of Sheridan Boulevard, City of Westminster, Jefferson 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 of Westminster has enacted floodplain regulations; and

WHEREAS, the City of Westminster and the District cooperated in the preparation of "Big Dry Creek Major Drainageway Plan," dated March 2012; and

WHEREAS, the City of Westminster has requested District participation in the design, acquisition of right-of-way, and construction of improvements along Big Dry Creek (ADCO), upstream of Sheridan Boulevard (Exhibit A); and

WHEREAS, the City of Westminster has estimated the total drainage project costs to be \$100,000; and

WHEREAS, the District's participation being authorized by this resolution is \$50,000; 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 design, acquisition of right-of-way, and construction of drainage and flood control improvements along Big Dry Creek (ADCO), upstream of Sheridan Boulevard; 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 Big Dry Creek (ADCO), upstream of Sheridan Boulevard were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with the City of Westminster for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Big Dry Creek (ADCO), upstream of Sheridan Boulevard.
2. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, qualified contractors, and others as necessary for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Big Dry Creek (ADCO), upstream of Sheridan Boulevard.
3. The District's maximum contribution to the Big Dry Creek (ADCO), upstream of Sheridan Boulevard project, without prior approval of the Board, shall be \$50,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Westminster.
4. Such approval for expenditure of District funds is contingent upon the City of Westminster agreeing to regulate and control any defined floodplain in the Big Dry Creek (ADCO), upstream of Sheridan Boulevard project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.



(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 75, SERIES OF 2016

(Authorization to Participate in Drainage and Flood Control Improvements on Big Dry Creek (ADCO), Upstream of Sheridan Boulevard, City of Westminster, Jefferson County)

### EXHIBIT A





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 76, SERIES OF 2016

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Massey Draw at Deer Creek Golf Course, Jefferson 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, Jefferson County has enacted floodplain regulations; and

WHEREAS, Jefferson County and the District cooperated in the preparation of "Massey Draw and SJCD (South) Major Drainageway Planning Update," dated February 2006; and

WHEREAS, the Board previously authorized \$900,000 for design, acquisition of right-of-way, and construction of improvements along Massey Draw at Deer Creek Golf Course (Table 1 and Exhibit A); and

Table 1  
Massey Draw at Deer Creek Golf Course  
Previous Authorizations

Resolution No.	Series of	District Authorization	Work Elements
073	2014	\$900,000	Design, Right of Way Purchases, and Construction Funding
<b>TOTAL</b>		<b>\$900,000</b>	

WHEREAS, Jefferson County and the District now desire to construct improvements along Massey Draw at Deer Creek Golf Course; and

WHEREAS, Jefferson County has estimated the additional drainage project costs to be \$600,000 resulting in a revised total drainage project cost of \$2,400,000 (\$1,200,000 District; \$1,200,000 Jefferson County); and

WHEREAS, the District’s additional participation being authorized by this resolution is \$300,000; 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. 49, Series of 2016) for calendar year 2017, subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Massey Draw at Deer Creek Golf Course; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 53, Series of 2016) in which the improvements along Massey Draw at Deer Creek Golf Course were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

- Resolution No. 73, Series of 2014, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the Massey Draw at Deer Creek Golf Course project without prior approval of the Board shall be ~~\$900,000~~ **\$1,200,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Jefferson County."
- All other conditions and authorizations remain as stated in Resolution No. 73, Series of 2014.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 76, SERIES OF 2016

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Massey Draw at Deer Creek Golf Course, Jefferson County)

### EXHIBIT A





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 77, SERIES OF 2016

(Authorization to Participate in Drainage and Flood Control Improvements  
on the South and Middle Branches of Hylands Creek, Upstream of 104th Avenue  
City of Westminster, Jefferson 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 of Westminster has enacted floodplain regulations; and

WHEREAS, the City of Westminster and the District cooperated in the preparation of "Big Dry Creek (ADCO) and Tributaries, Outfall Systems Plan," dated January 1989; and

WHEREAS, the City of Westminster has requested District participation in the design, acquisition of right-of-way, and construction of improvements along the South and Middle Branches of Hylands Creek, upstream of 104th Avenue (Exhibit A); and

WHEREAS, the City of Westminster has estimated the total drainage project costs to be \$400,000; and

WHEREAS, the District's participation being authorized by this resolution is \$200,000; 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 design, acquisition of right-of-way, and construction of drainage and flood control improvements along the South and Middle Branches of Hylands Creek, upstream of 104th Avenue; 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 the South and Middle Branches of Hylands Creek, upstream of 104th Avenue were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with the City of Westminster for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on the South and Middle Branches of Hylands Creek upstream of 104th Avenue.
2. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, qualified contractors, and others as necessary for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on the South and Middle Branches of Hylands Creek, upstream of 104th Avenue.
3. The District's maximum contribution to the South and Middle Branches of Hylands Creek, upstream of 104th Avenue project, without prior approval of the Board, shall be \$200,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Westminster.
4. Such approval for expenditure of District funds is contingent upon the City of Westminster agreeing to regulate and control any defined floodplain in the South and Middle Branches of Hylands Creek, upstream of 104th Avenue project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at



all times; and agreeing not to make any changes to the improvements without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 77, SERIES OF 2016

(Authorization to Participate in Drainage and Flood Control Improvements on the South and Middle Branches of Hylands Creek, Upstream of 104th Avenue City of Westminster, Jefferson County)

### EXHIBIT A





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 78, SERIES OF 2016

(Authorization to Participate in Drainage and Flood Control Improvements on Newlin Gulch at Heirloom Parkway, Town of Parker, Douglas 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 Town of Parker has enacted floodplain regulations; and

WHEREAS, the Town of Parker and the District cooperated in the preparation of "Newlin Gulch Major Drainageway Plan," dated October 2015; and

WHEREAS, the Town of Parker has requested District participation in the design and construction of improvements along Newlin Gulch at Heirloom Parkway (Exhibit A); and

WHEREAS, the Town of Parker has estimated the initial drainage project costs to be \$80,000; and

WHEREAS, the District's participation being authorized by this resolution is \$40,000; 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. 49, Series of 2016) for calendar year 2017, subsequent to public hearing, which includes funds for design and construction of drainage and flood control improvements along Newlin Gulch at Heirloom Parkway; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 53, Series of 2016) in which the improvements along Newlin Gulch at Heirloom Parkway were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with the Town of Parker for the design and construction of drainage and flood control improvements on Newlin Gulch at Heirloom Parkway.
2. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, qualified contractors, and others as necessary for the design and construction of drainage and flood control improvements on Newlin Gulch at Heirloom Parkway.
3. The District's maximum contribution to the Newlin Gulch at Heirloom Parkway project, without prior approval of the Board, shall be \$40,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the Town of Parker.
4. Such approval for expenditure of District funds is contingent upon the Town of Parker agreeing to regulate and control any defined floodplain in the Newlin Gulch at Heirloom Parkway project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 78, SERIES OF 2016

(Authorization to Participate in Drainage and Flood Control Improvements on Newlin Gulch at Heirloom Parkway, Town of Parker, Douglas County)

**EXHIBIT A**







# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 79, SERIES OF 2016

(Authorization to Participate in Drainage and Flood Control Improvements  
on West Fork Big Dry Creek Downstream of Cresthill Lane, Highlands Ranch Metro District,  
Douglas 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, Douglas County has enacted floodplain regulations; and

WHEREAS, the Highlands Ranch Metro District and the District cooperated in the preparation of "Big Dry Creek (ARAPCO) & Tributaries Major Drainageway Planning," dated April 1998; and

WHEREAS, the Highlands Ranch Metro District has requested District participation in the design, acquisition of right-of-way, and construction of improvements along West Fork Big Dry Creek downstream of Cresthill Lane (Exhibit A); and

WHEREAS, the Highlands Ranch Metro District has estimated the total drainage project costs to be \$1,000,000; and

WHEREAS, the District's participation being authorized by this resolution is \$500,000; 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. 49, Series of 2016) for calendar year 2017, subsequent to public hearing, which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements along West Fork Big Dry Creek downstream of Cresthill Lane; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 53, Series of 2016) in which the improvements along West Fork Big Dry Creek downstream of Cresthill Lane were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with the Highlands Ranch Metro District for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on West Fork Big Dry Creek downstream of Cresthill Lane.
2. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, qualified contractors, and others as necessary for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on West Fork Big Dry Creek downstream of Cresthill Lane.
3. The District's maximum contribution to the West Fork Big Dry Creek downstream of Cresthill Lane project, without prior approval of the Board, shall be \$500,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the Highlands Ranch Metro District.
4. Such approval for expenditure of District funds is contingent upon Douglas County agreeing to regulate and control any defined floodplain in the West Fork Big Dry Creek downstream of Cresthill Lane project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.



(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

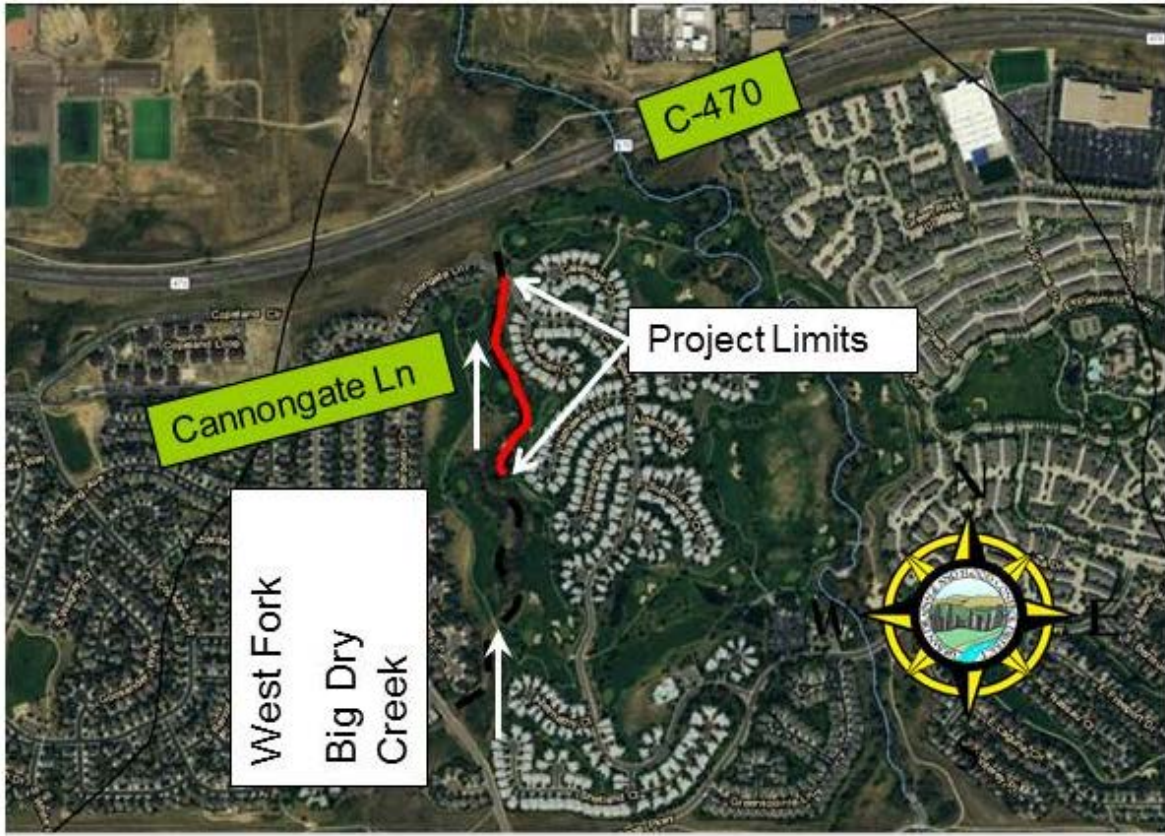
\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 79, SERIES OF 2016

(Authorization to Participate in Drainage and Flood Control Improvements  
on West Fork Big Dry Creek Downstream of Cresthill Lane, Highlands Ranch Metro District,  
Douglas County)

**EXHIBIT A**





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 80, SERIES OF 2016  
(Approval of Edward J. Krisor’s Contract as  
Legal Counsel to the Board of Directors)

WHEREAS, the Board of Directors requires the services of an attorney for its general legal affairs; and

WHEREAS, Edward J. Krisor provides legal representation to many cities, counties, and special districts and a state agency regarding drainage and flood control legal matters; and

WHEREAS, the Board of Directors, for its general legal needs, has engaged Edward J. Krisor as its general counsel for many years; and

WHEREAS, the Board of Directors would like to continue to have Mr. Krisor represent the Board of Directors; such engagement being upon those terms as set forth in the Legal Counsel Contract, dated December 15, 2016; and

WHEREAS, these services are at the will of the Board of Directors and that representation of UDFCD and the Board may be terminated at any time for any reason by the Board of Directors.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board authorizes its Chairperson to enter into a Legal Counsel Contract with Mr. Edward J. Krisor as Legal Counsel to the Board of Directors and UDFCD.
2. Such employment shall be at will.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson