



# URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

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## 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 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  
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)

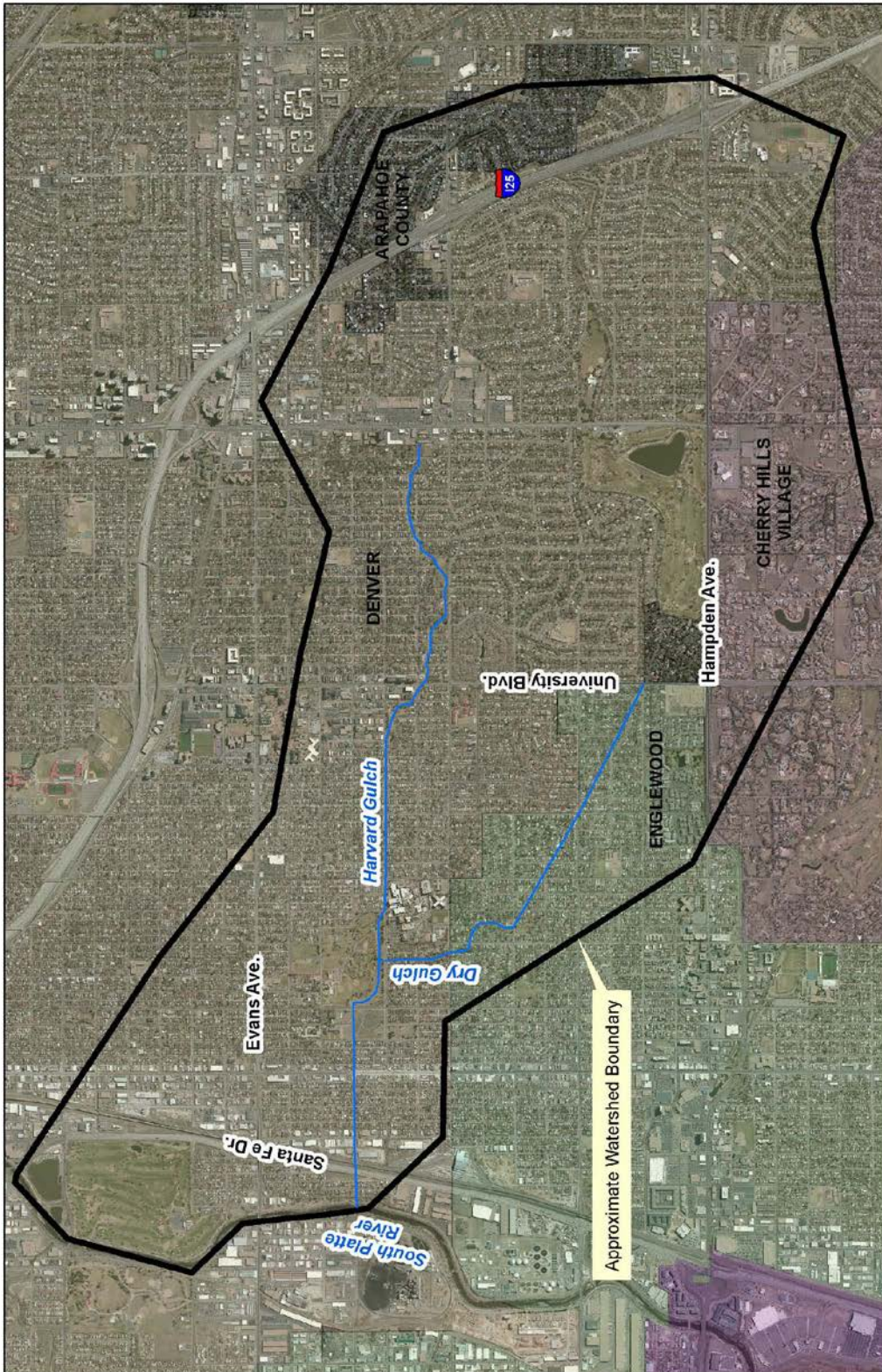
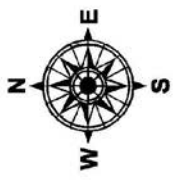


EXHIBIT A  
DRY GULCH  
Major Drainage Plan & FHAD  
July 2015



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)

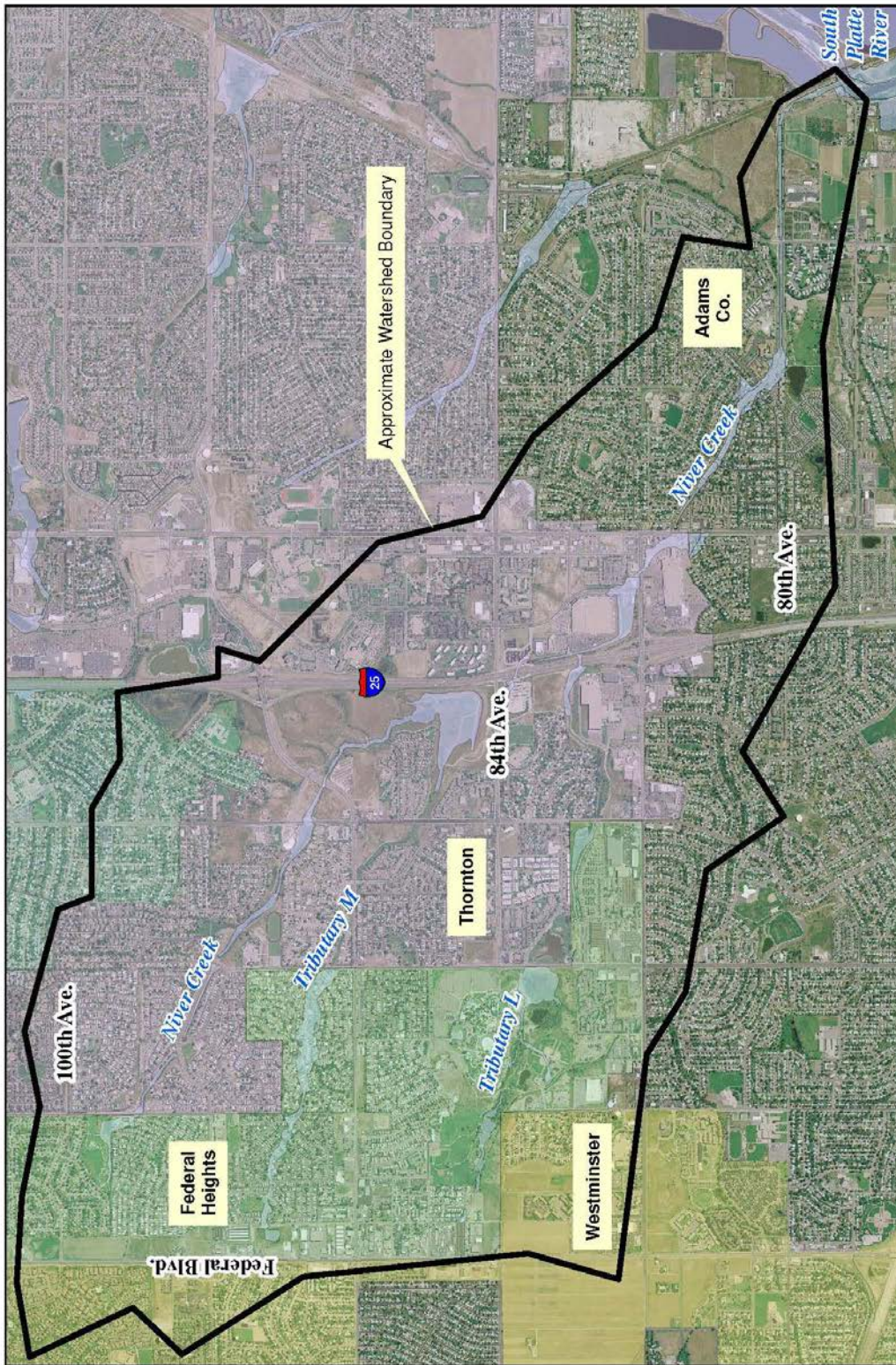


EXHIBIT A  
NIVER CREEK  
Major Drainage Plan and FHAD  
May 2014



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

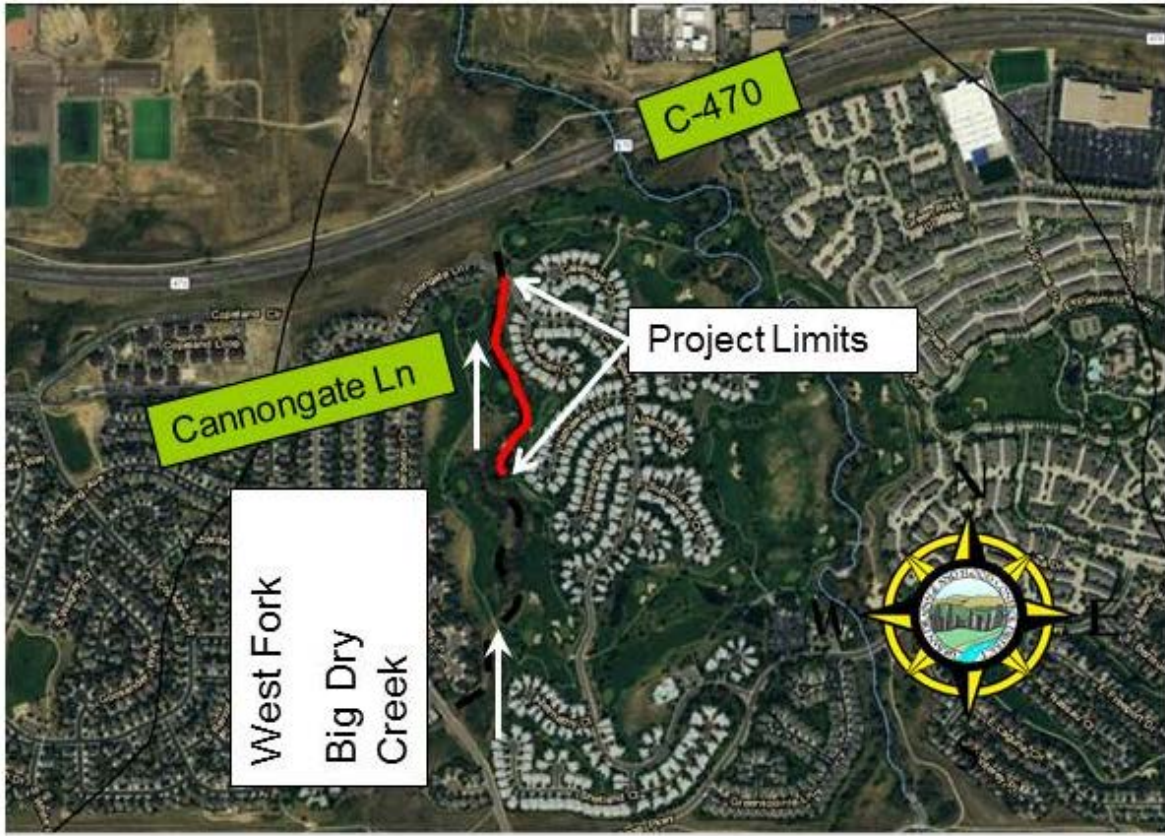
\_\_\_\_\_  
Chairperson

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