



URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

BOARD OF DIRECTORS MEETING

Date: Thursday, April 20, 2017

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. Morgan Lynch
 - ii. Brooke Seymour
 - b. Awards/Recognitions
 - i. UDFCD Lifetime Achievement Award – Ron Propp
 - ii. NSPE – Math Counts – Bryan Kohlenberg
- 3. Roll Call – Determination of Quorum**
- 4. Approval of March 16, 2017 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 2016 Audit Report
(Resolution No. 22, Series of 2017)
 - c. Authorization to Participate in Acquisition of the Willow Bay Property Along the South Platte River, Adams County
(Resolution No. 23, Series of 2017)
 - d. Additional Authorization to Participate in Drainage and Flood Control Improvements on North Outfall at Midland Street, City of Brighton, Adams County
(Resolution No. 24, Series of 2017)
 - e. Additional Authorization to Participate in Drainage and Flood Control Improvements on the City Park Drainageway, Lower Reach, City of Westminster, Adams County
(Resolution No. 25, Series of 2017)
 - f. Additional Authorization to Participate in Drainage and Flood Control Improvements on Easterly Creek Detention Basin at 1st Avenue and Kenton Street, City of Aurora, Arapahoe County
(Resolution No. 26, Series of 2017)
 - g. Additional Authorization to Participate in Drainage and Flood Control Improvements on First Creek Detention Basins Upstream of I-70, City of Aurora, Arapahoe County
(Resolution No. 27, Series of 2017)
 - h. Additional Authorization to Participate in Drainage and Flood Control Improvements on Apex Gulch at Heritage Road, City of Golden, Jefferson County
(Resolution No. 28, Series of 2017)
 - i. Additional Authorization to Participate in Drainage and Flood Control Improvements on Coon Creek at Beers Sisters Lake Reservoir, Jefferson County
(Resolution No. 29, Series of 2017)
- 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, May 18, 2017 – Bus Tour**

9. Adjournment



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

March 16, 2017

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
Happy Haynes, Deputy Mayor, City/County of Denver
Mark Hunter, Engineer
Joyce Jay, Mayor, City of Wheat Ridge
Paul Kashmann, Council Member, City/County/Denver
Paul López, Council Member, 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
Heidi Williams, Mayor, City of Thornton
Mary Young, Council Member, City of Boulder

Members Absent:

Deb Gardner, Commissioner, Boulder County
Angela Lawson, Mayor Pro Tem, City of Aurora
Lora Thomas, Commissioner, Douglas County

UDFCD Staff Present:

Ken MacKenzie	Executive Director
Julia Bailey	Project Engineer, Information Services and Flood Warning
Dave Bennets	Program Manager, Stream Services
Richard Borchardt	Project Manager, Stream Services
Barbara Chongtoua	Project Manager, Stream Services
Amelia Deleon	Human Resources Manager
Terri Fead	Project Manager, Watershed Services
Bryan Kohlenberg	Project Manager, Stream Services
Laura Kroeger	Assistant Program Manager, Stream Services
David Mallory	Floodplain Manager, Watershed Services
Holly Piza	Project Manager, Watershed Services
Terri Schafer	Manager, Finance and Accounting
David Skuodas	Project Manager, Stream Services
Jason Stawski	Senior Construction Manager, Stream Services
Kevin Stewart	Program Manager, Information Services and Flood Warning
Shea Thomas	Program Manager, Watershed Services

Others Present:

Ed Krisor	Legal Counsel
Mark Elmshouser	CliftonLarsonAllen, LLP
Brad Robenstein	Douglas County
John Villines	Aurora Water
Marjorie Wickham	CliftonLarsonAllen, LLP

How the Districts Works – Definitions

Mr. MacKenzie presented “The Role of the Board Member” for this month’s How the District Works presentation.

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

Mayor Williams called the meeting to order at 1:00 p.m.

2. Introductions

a. Swearing in of New Board Members

The following individual was sworn in as new board member by Mr. Ed Krisor:

- Mayor Pro Tem Stephanie Piko, City of Centennial

b. Visitors/Guests/Staff

Mr. MacKenzie introduced the following guests:

- Mark Elmshouser and Marjorie Wickham with CliftonLarsonAllen, LLP
- Brad Robenstein, representing Douglas County Commissioner Thomas
- John Villines, with Aurora Water, representing Aurora Mayor Pro Tem Lawson

3. Roll Call – Determination of Quorum

Roll was called and a quorum was declared present.

4. Presentation of 2016 Audit – Discussion

a. Mark Elmshouser, CPA, CliftonLarsonAllen, LLP

Mr. Mark Elmshouser with CliftonLarsonAllen, LLP, provided a briefing on the 2016 audit report.

Electronic copies of the draft UDFCD 2016 Audit Report were provided to the Board of Directors in advance of the board meeting. The 2016 Audit findings included two material weaknesses and several non-significant deficiencies which Mr. Elmshouser reviewed with the Board in detail.

Mr. MacKenzie added that he and Mrs. Terri Schafer, UDFCD's Finance and Accounting Manager, met with Mr. Elmshouser ahead of this meeting to discuss the findings, including the areas of deficiencies discussed at today's Board Meeting. Mr. MacKenzie assured the Board that he and Mrs. Schafer are developing a plan to address these concerns. Concluding the presentation, Mr. Elmshouser asked if there were any questions regarding the 2016 audit findings.

Councilwoman Young asked if all of our investments were bonds. Mrs. Schafer explained that they were not bonds, but agency notes.

Mayor Pro Tem Fifer asked if any of the audit findings were carryovers from the previous year. Mr. Elmshouser confirmed that there were a few carryovers; the reconciliation of project fund accounts was one example.

Upon completion of the audit presentation Mr. MacKenzie reiterated that he will be working with Mrs. Schafer to correct the issues identified in the 2016 Audit. Mr. MacKenzie stated that the District is not taking these findings lightly. Mr. MacKenzie will have an update for the Board regarding a plan of action at the next Board Meeting, if not sooner. The final adoption of the audit will take place at the April Board Meeting.

5. Approval of February 1, 2017 Meeting Minutes

Mayor Williams asked if there were any corrections to the February 1, 2017 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 February and March 2017, 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 Dry Gulch Planning Study
(Resolution No. 12, Series of 2017)**

Resolution No. 44 of 2012 authorized a planning study for drainage issues along Dry Gulch. The District partnered with the City of Lakewood and the City and County of Denver to fund the study. ICON

Engineering was selected to perform the study. Dry Gulch is a left bank tributary to Lakewood Gulch, draining a basin that is 3.7 square miles in area, including its tributary North Dry Gulch. The goals of the study were to provide conveyance of the 100-year storm event to minimize flood risk to structures currently in the floodplain and identify existing infrastructure that is under capacity.

Recommended improvements include:

- Increased capacity in Kipling Pond
- Regional water quality pond near Richey Park
- Open channel from Miller St to Colfax Ave
- Open channel from Zephyr St to Wadsworth Blvd
- Multiple roadway crossing replacements
- Stream stabilization
- Maintenance trail

The total cost of improvements recommended in the study is approximately \$36 million. Resolution No. 12 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. 12 on the Consent Agenda.

c. Acceptance of Flood Hazard Area Delineation Report for Harvard Gulch and Dry Gulch (Resolution No. 13, Series of 2017)

Resolution No. 59 of 2014 authorized a major drainageway planning study and Flood Hazard Area Delineation for Harvard Gulch and Dry Gulch. The District partnered with the City and County of Denver and the City of Englewood to fund the studies. Matrix Design Group was selected to perform the study. Resolution No. 72 of 2016 accepted the major drainageway planning study. Harvard Gulch is a right bank tributary to the South Platte River draining a basin that is 7.4 square miles in area, including its tributary Dry Gulch.

Most of the major drainage infrastructure along Harvard Gulch consist of concrete-lined open channel and box culverts built in the late 1960s and was designed for a 10-year storm event. The 100-year flood exceeds the capacity of the built system, flowing overland until it reaches the South Platte River. The Dry Gulch drainage infrastructure consists of storm sewer pipes built in the 1960s with segments updated in the 1980s and was designed for a 2- to 10-year storm event. The 100-year flood exceeds the capacity of the built system, flowing overland until it reaches Harvard Gulch within Harvard Gulch Park. There are 729 building structures within the Harvard Gulch 100-year floodplain and 174 building structures within the Dry Gulch 100-year floodplain.

This resolution accepts the Flood Hazard Area Delineation Harvard Gulch and Dry Gulch study and upon that acceptance, the study will be submitted to the Colorado Water Conservation Board for designation and approval. At that point, the City and County of Denver and the City of Englewood will be able regulate to the new floodplains.

Council Member Kashmann expressed his gratitude to the District for all their public outreach efforts on this project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 13 on the Consent Agenda.

d. Additional Authorization to Participate in Drainage and Flood Control Improvements on Bullhead Gulch at the BNSF Railroad Crossing, City of Louisville, Boulder County (Resolution No. 14, Series of 2017)

This is a joint project with the City of Louisville. Atkins North America is designing the project under contract with the District. The drainage elements of the project include improvements to Bullhead Gulch at the Burlington Northern Santa Fe (BNSF) Railroad Crossing to install a 100-year bridge and pedestrian underpass. Easement and right-of-way acquisition will be included in the project costs. Construction is anticipated in 2019.

The District and the City of Louisville have identified \$1,500,000 in total project costs with the District's participation being \$100,000. The previous authorization (Resolution No. 35, Series of 2016) totaled \$0 in District funds. The previous resolution authorized the District to enter into an Intergovernmental

Agreement (IGA) with the City of Louisville to begin design on the project with City of Louisville funds only. It is anticipated that additional funds may be required for this project in the future.

Resolution No. 14 authorizes \$100,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Louisville 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.

e. Additional Authorization to Participate in Drainage and Flood Control Improvements on Coal Creek from County Line Road to Kenosha Road, Town of Erie, Boulder County (Resolution No. 15, Series of 2017)

This is a joint project with the Town of Erie. The District will be administering the design once a consulting engineering firm is selected. The drainage elements of the project include stream restoration to Coal Creek from County Line Road to Kenosha Road to improve public safety and restore ecological function. Easement and right-of-way acquisition will be included in the project costs. Construction is anticipated in 2018.

The District and the Town of Erie have identified \$1,100,000 in total project costs with the District's participation being \$550,000. The previous authorization (Resolution No. 6, Series of 2015) totaled \$50,000 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. 15 authorizes an additional \$500,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the Town of Erie 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. 15 on the Consent Agenda.

f. 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. 16, Series of 2017)

This is a joint project with the City and County of Denver and the Southeast Metro Stormwater Authority (SEMSWA). 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, the City and County of Denver, and Arapahoe County desire to add funds to construct the improvements which will be managed by the District. Construction is anticipated in 2019.

The District, the City and County of Denver, and SEMSWA have identified \$3,700,000 in total project costs with the District's participation being \$1,800,000. 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; Resolution No. 76, Series of 2015; and Resolution No. 13, Series of 2016) totaled \$1,550,000 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. 16 authorizes an additional \$250,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City and County of Denver and Arapahoe 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. 16 on the Consent Agenda.

g. Authorization to Participate in Drainage and Flood Control Improvements on Glenbrook Detention Basin, City and County of Denver (Resolution No. 17, Series of 2017)

This is a joint project with the City and County of Denver. The City and County of Denver desires to construct improvements along Glenbrook Detention Basin in accordance with the "Marston Lake North Drainageway Major Drainageway Plan," dated May 2012. The project includes the design and construction of a detention basin. The City and County of Denver already holds the necessary easements

and right-of-way where the project will be carried out. 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 \$5,000,000 in total project costs for the design and construction with the District's participation being \$1,050,000 in 2017 funds. It is anticipated that additional funds may be required for this project in the future.

Resolution No. 17 authorizes \$1,050,000 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. 17 on the Consent Agenda.

h. Authorization to Participate in Drainage and Flood Control Improvements on Platte Farm Open Space Detention Basin, City and County of Denver (Resolution No. 18, Series of 2017)

This is a joint project with the City and County of Denver. The City and County of Denver desires to design and construct improvements along Platte Farm Open Space Detention Basin in accordance with the "Globeville – Utah Junction Watershed Outfall Systems Plan," dated May 2013. The project includes the design and construction of a regional detention basin. The City and County of Denver 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. 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 2019.

The District and the City and County of Denver have identified \$300,000 in initial project costs for the design and partial funding of construction with the District's participation being \$150,000 in 2017 funds. It is anticipated that additional funds may be required for this project in the future.

Resolution No. 18 authorizes \$150,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City and County of Denver for the design 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. 18 on the Consent Agenda.

i. Additional 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. 19, Series of 2017)

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 channel bank and bed stabilization as well as improved road crossing structures. Easement and right-of-way acquisition will be included in the project costs. The final design is ongoing and the District and the City and County of Denver desire to add funds for construction, which will be managed by the District. Construction is anticipated in 2017.

The District and the City and County of Denver have identified \$10,000,000 in total project costs with the District's participation being \$1,800,000. The previous authorization (Resolution No. 12, Series of 2016) totaled \$800,000 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. 19 authorizes an additional \$1,000,000 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. 19 on the Consent Agenda.

j. Additional Authorization to Participate in Drainage and Flood Control Improvements on Goldsmith Gulch at Orchard Road, City of Greenwood Village, Arapahoe County (Resolution No. 20, Series of 2017)

This is a joint project with the City of Greenwood Village. Muller Engineering designed the project under contract with the District. The drainage elements of the project include a new drainage crossing at Orchard Road and a detention basin upstream in Silo Park. Easement and right-of-way acquisition will be included in the project costs.

The final design is underway and the District and the City of Greenwood Village desire to construct the improvements which will be managed by the District. Construction is anticipated in 2019.

The District and the City of Greenwood Village have identified \$170,000 in total project costs with the District's participation being \$85,000. The previous authorization (Resolution No. 15, Series of 2016) totaled \$60,000 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 \$25,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Greenwood Village 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.

k. Additional 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. 21, Series of 2017)

This is a joint project with the Highlands Ranch Metro District (HRMD). Muller Engineering Company designed the project under contract with the District. The drainage elements of the project include channel bank and bed stabilization. Easement will be included in the project costs. The final design is now complete and the District and HRMD are constructing the improvements which will be managed by the District. Construction is anticipated in 2017.

The District and HRMD have identified \$1,140,000 in total project costs with the District's participation being \$570,000. The previous authorization (Resolution No. 79, Series of 2016) totaled \$500,000 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. 21 authorizes an additional \$70,000 of District funds from the Special Revenue Fund - Construction to at least be matched by HRMD 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. 21 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. 12, 13, 14, 15, 16, 17, 18, 19, 20, and 21, Series of 2017, and Review of Cash Disbursements dated February and March 2017 be placed on the Consent Agenda. Mayor Williams moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

8. Executive Session – Provide Board with Legal Advice [24-6-402(4)(b) C.R.S.]

It was moved by Mayor Downing to go into Executive Session at 2:07 pm to discuss legal matters with Mr. Ed Krisor. The Executive Session concluded at 2:14 pm.

Following the Executive Session, Mayor Pro Tem Fifer expressed further concern with the 2016 Audit results, particularly, the carryover issues from last years' audit findings. Mr. Fifer, along with several other Board Members, found the audit results unsatisfactory and would like for Mr. MacKenzie to assure the Board that these issues be resolved immediately to ensure a cleaner audit for 2017 and on.

9. Annual Legal Summary presented by Ed Krisor

This agenda item was discussed during Executive Session.

10. Announcements

- a. The annual seminar will take place on Tuesday, April 4, 2017.
- b. The next regularly scheduled Board meeting will take place on Thursday, April 20, 2017.
- c. The District project tour will take place on Thursday, May 18, 2017.

11. Adjournment

Mayor Williams adjourned the meeting at 2:20 p.m.

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 22, SERIES OF 2017
(Acceptance of 2016 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, 2016; 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 March 16, 2017; and

WHEREAS, a copy of the audit report, entitled, "Urban Drainage and Flood Control District, Denver, Colorado, General Purpose Financial Statements, December 31, 2016" 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, 2016 as prepared and presented by CliftonLarsonAllen LLP, Certified Public Accountants and Consultants entitled, "Urban Drainage and Flood Control District, Denver, Colorado, General Purpose Financial Statements, December 31, 2016" 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. 23, SERIES OF 2017
(Authorization to Participate in Acquisition of
the Willow Bay Property Along the South Platte River, 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 "Major Drainageway Planning South Platte River in Adams County, Colorado, Phase B Report," dated April 2002, which identified certain flood-prone properties; and

WHEREAS, Adams County is currently negotiating with the owner of the Willow Bay Property along the South Platte River (Exhibit A) for the acquisition of that property; and

WHEREAS, the appraisal price is \$9,000,000; and

WHEREAS, Adams County has requested District funding assistance in the purchase of the Willow Bay Property along the South Platte River; and

WHEREAS, the District's share would be \$100,000; and

WHEREAS, the District's Preservation Policy (Resolution No. 10, Series of 1994) authorizes District participation in the acquisition of undeveloped floodplains in order to preserve them in their natural state; and

WHEREAS, the District has included funding for floodplain preservation in the Special Revenue Fund – Budget (Resolution No. 49, Series of 2016) for calendar year 2017, subsequent to public hearing, which includes funds for the acquisition of the subject parcel.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with Adams County for the acquisition of the Willow Bay Property along the South Platte River.
2. The District's maximum contribution to the acquisition of the above floodplain area without prior approval of the Board, shall be \$100,000, which contribution shall be at least matched by Adams County.
3. Such approval for expenditure of District funds is contingent upon Adams County agreeing to regulate and control any defined floodplains on the South Platte River in accordance with the National Flood Insurance Program regulations as a minimum; agreeing to maintain the property in a manner acceptable to the District; granting the District access to the acquired property at all times; and agreeing not to make any changes to the property 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. 23, SERIES OF 2017
(Authorization to Participate in Acquisition of
the Willow Bay Property Along the South Platte River, Adams County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 24, SERIES OF 2017

(Additional Authorization to Participate in Drainage and Flood Control Improvements on North Outfall at Midland Street, City of Brighton, 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 Brighton has enacted floodplain regulations; and

WHEREAS, the City of Brighton and the District cooperated in the preparation of “Brighton Watershed Tributary to South Platte River Outfall Systems Planning,” dated December 2006; and

WHEREAS, the Board previously authorized \$975,000 for the North Outfall at Midland Street project (Table 1); and

**Table 1
North Outfall at Midland Street
Previous Authorizations**

Resolution No.	Series of	District Authorization	Work Elements
4	2006	\$0	Authorization for District Participation in Project
25	2008	\$400,000	Design, Right-of-Way Purchases, and Construction Funding
44	2010	\$200,000	Construction Funding
25	2011	\$125,000	Construction Funding
11	2014	\$150,000	Construction Funding
11	2015	\$100,000	Construction Funding
TOTAL		\$975,000	

WHEREAS, the City of Brighton and the District now desire to construct improvements along North Outfall at Midland Street (Exhibit A); and

WHEREAS, the City of Brighton has estimated the additional drainage project costs to be \$130,000 resulting in a revised total drainage project cost of \$2,836,000 (\$1,105,000 District; \$1,731,000 City of Brighton); and

WHEREAS, the District’s additional participation being authorized by this resolution is \$130,000; 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 North Outfall at Midland Street; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 53, Series of 2016) in which the improvements along North Outfall at Midland Street were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 4, Series of 2006, Paragraph 3, is further amended as follows:
“The District’s maximum contribution to the North Outfall at Midland Street project without prior approval of the Board shall be ~~\$975,000~~ **\$1,105,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Brighton.”
2. All other conditions and authorizations remain as stated in Resolution No. 4, Series of 2006.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 24, SERIES OF 2017

(Additional Authorization to Participate in Drainage and Flood Control Improvements
on North Outfall at Midland Street, City of Brighton, Adams County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 25, SERIES OF 2017

(Additional Authorization to Participate in Drainage and Flood Control Improvements on the 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 \$400,000 for the City Park Drainageway, Lower Reach project (Table 1); 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
03	2016	\$250,000	Design and Construction
TOTAL		\$400,000	

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 (Exhibit A); and

WHEREAS, the City and County of Broomfield and the City of Westminster have estimated the additional drainage project costs to be \$1,100,000 resulting in a revised total drainage project cost of \$2,000,000 (\$1,000,000 District; \$500,000 City and County of Broomfield; \$500,000 City of Westminster); and

WHEREAS, the District’s additional participation being authorized by this resolution is \$600,000; 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 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. 53, Series of 2016) 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 further 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 ~~\$400,000~~ **\$1,000,000** 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. 25, SERIES OF 2017

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

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 26, SERIES OF 2017

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Easterly Creek Detention Basin at 1st Avenue and Kenton Street, 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 and the District cooperated in the preparation of "Easterly Creek Outfall Systems Plan," dated December 2012; and

WHEREAS, the Board previously authorized \$350,000 for the Easterly Creek Detention Basin at 1st Avenue and Kenton Street project (Table 1); and

Table 1
(Easterly Creek Detention Basin at 1st Avenue and Kenton Street)
Previous Authorizations

Resolution No.	Series of	District Authorization	Work Elements
15	2015	\$350,000	Design, Right-of-Way Purchases, and Construction Funding
TOTAL		\$350,000	

WHEREAS, the City of Aurora and the District now desire to construct improvements along Easterly Creek Detention Basin at 1st Avenue and Kenton Street (Exhibit A); and

WHEREAS, the City of Aurora has estimated the additional drainage project costs to be \$6,702,000 resulting in a revised total drainage project cost of \$7,402,000 (\$575,000 District; \$6,827,000 City of Aurora); and

WHEREAS, the District's additional participation being authorized by this resolution is \$225,000; 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 Easterly Creek Detention Basin at 1st Avenue and Kenton Street; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 53, Series of 2016) in which the improvements along Easterly Creek Detention Basin at 1st Avenue and Kenton Street were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

- Resolution No. 15, Series of 2015, Paragraph 3, is amended as follows:
"The District's maximum contribution to the Easterly Creek Detention Basin at 1st Avenue and Kenton Street project without prior approval of the Board shall be ~~\$350,000~~ **\$575,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Aurora."
- All other conditions and authorizations remain as stated in Resolution No. 15, Series of 2015.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 26 SERIES OF 2017

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Easterly Creek Detention Basin at 1st Avenue and Kenton Street, City of Aurora, Arapahoe County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 27, SERIES OF 2017

(Additional Authorization to Participate in Drainage and Flood Control Improvements on First Creek Detention Basins 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 \$2,249,000 for the First Creek Detention Basins upstream of I-70 project (Table 1); and

Table 1
First Creek Detention Basins 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
31	2016	\$200,000	Design and Right of Way Purchases
TOTAL		\$2,249,000	

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

WHEREAS, the City of Aurora and the District have estimated the additional drainage project costs to be \$800,000 resulting in a revised total drainage project cost of \$5,298,000 (\$2,649,000 District; \$2,649,000 City of Aurora); and

WHEREAS, the District’s additional participation being authorized by this resolution is \$400,000; 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 First Creek Detention Basins upstream of I-70; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 53, Series of 2016) in which the improvements along First Creek Detention Basins upstream of I-70 were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

Resolution No. 58, Series of 2009, Paragraph 3, is further amended as follows:

“The District's maximum contribution to the First Creek Detention Basins upstream of I-70 project without prior approval of the Board shall be ~~\$2,249,000~~ **\$2,649,000** 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

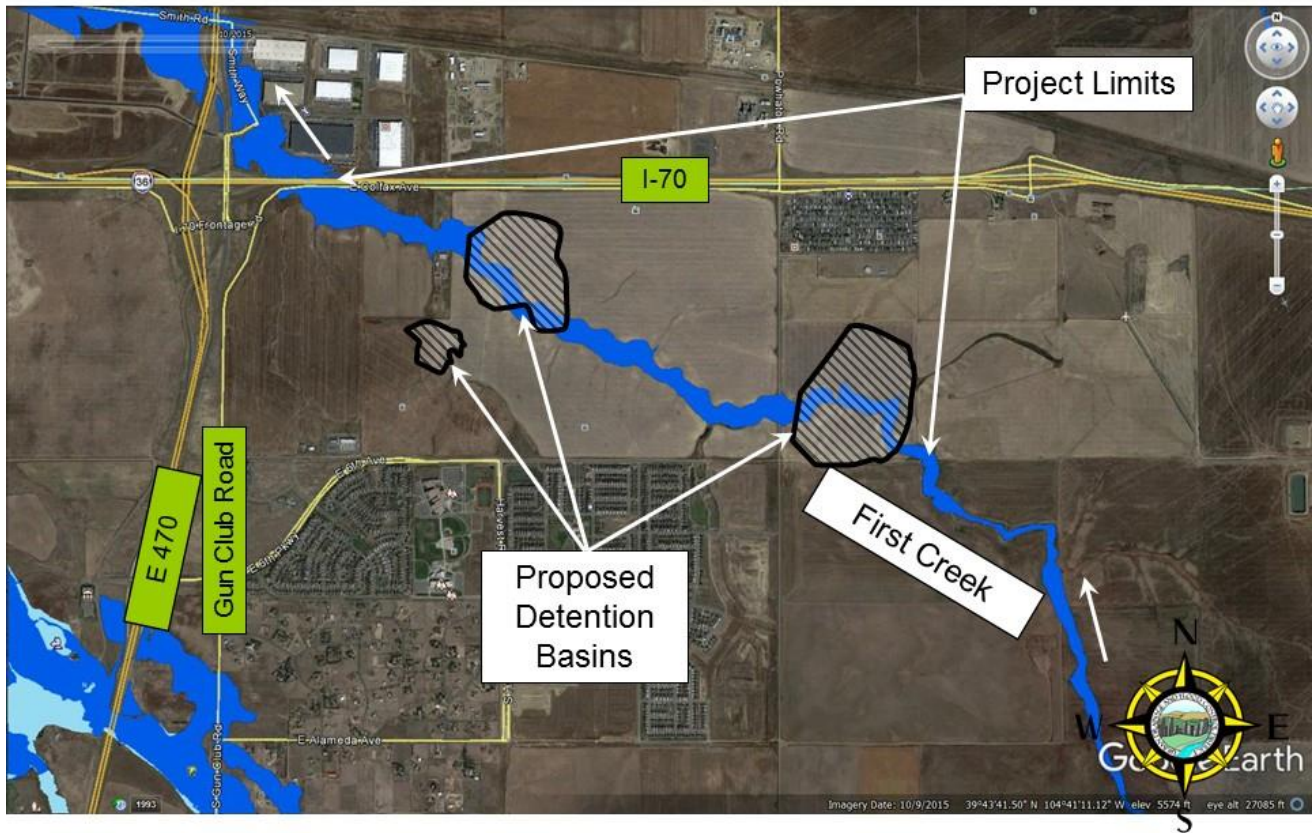
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 27, SERIES OF 2017

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

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 28, SERIES OF 2017

(Additional 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 Board previously authorized \$200,000 for the Apex Gulch at Heritage Road project (Table 1); and

Table 1
Apex Gulch at Heritage Road
Previous Authorizations

Table with 4 columns: Resolution No., Series of, District Authorization, Work Elements. Row 1: 24, 2016, \$200,000, Design. Row 2: TOTAL, \$200,000.

WHEREAS, the City of Golden and the District now desire to construct improvements along Apex Gulch at Heritage Road (Exhibit A); and

WHEREAS, the City of Golden has estimated the additional drainage project costs to be \$400,000 resulting in a revised total drainage project cost of \$800,000 (\$400,000 District; \$400,000 City of Golden); 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. 49, Series of 2016) for calendar year 2017, subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Apex Gulch at Heritage Road; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 53, Series of 2016) in which the improvements along Apex Gulch at Heritage Road were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

- 1. Resolution No. 24, Series of 2016, Paragraph 3, is further amended as follows: "The District's maximum contribution to the Apex Gulch at Heritage Road project without prior approval of the Board shall be \$200,000 \$400,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Golden."
2. All other conditions and authorizations remain as stated in Resolution No. 24, Series of 2016.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 28, SERIES OF 2017

(Additional 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. 29, SERIES OF 2017

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Coon Creek at Beers Sisters Lake Reservoir, 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, the Foothills Park and Recreation District, and the District cooperated in the preparation of "Dutch Creek, Coon Creek, Lilley Gulch and Three Lakes Tributary Major Drainageway Planning and Flood Hazard Area Delineation," dated December 2008; and

WHEREAS, the Board previously authorized \$300,000 for the Coon Creek at Beers Sisters Lake Reservoir project(Table 1); and

Table 1
Coon Creek at Beers Sisters Lake Reservoir
Previous Authorizations

Table with 4 columns: Resolution No., Series of, District Authorization, Work Elements. Rows include resolutions 72 and 81, and a TOTAL row.

WHEREAS, Jefferson County, the Foothills Park and Recreation District, and the District now desire to design and construct improvements along Coon Creek at Beers Sisters Lake Reservoir (Exhibit A); and

WHEREAS, Jefferson County, the Foothills Park and Recreation District, and the District have estimated the additional drainage project costs to be \$800,000 resulting in a revised total drainage project cost of \$1,400,000 (\$700,000 District; \$700,000 Jefferson County); and

WHEREAS, the District's additional participation being authorized by this resolution is \$400,000; 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 Coon Creek at Beers Sisters Lake Reservoir; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 53, Series of 2016) in which the improvements along Coon Creek at Beers Sisters Lake Reservoir were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

- 1. Resolution No. 72, Series of 2014, Paragraph 3, is further amended as follows: "The District's maximum contribution to the Coon Creek at Beers Sisters Lake Reservoir project without prior approval of the Board shall be \$300,000 \$700,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Jefferson County and the Foothills Park and Recreation District."

2. All other conditions and authorizations remain as stated in Resolution No. 72, Series of 2014.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 29, SERIES OF 2017

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Coon Creek at Beers Sisters Lake Reservoir, Jefferson County)

EXHIBIT A

