



URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

REVISED

BOARD OF DIRECTORS MEETING

Date: Friday, February 1, 2019

Time: 1:00 pm

Catered Lunch – 12:15 pm

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

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

2. Introductions

- a. Swearing in of New Board Members
 - i. Commissioner Matt Jones (Boulder County)
 - ii. Mayor Stephanie Piko (City of Centennial)
 - i. Deputy Mayor Murphy Robinson (City and County of Denver)
 - ii. Mayor Pro Tem Bob Roth (City of Aurora)
 - iii. Commissioner Lora Thomas (Douglas County)
 - iv. Mayor Pro Tem Sam Weaver (City of Boulder)
- b. Visitors/Guests/Staff
 - i. Kurt Bauer, Project Manager, Stream Services
 - ii. Dan Hill, Engineering Technologist, Watershed Services
 - iii. Mark Schutte, Engineering Technologist, Stream Services

3. Roll Call – Determination of Quorum

4. Board of Directors Reappointment

- a. Reappointment of Mr. Mark Hunter to Board of Directors
(Resolution No. 01, Series of 2019)

5. Approval of December 20, 2018 Meeting Minutes *(If there are no corrections "Minutes stand approved", or with corrections "Minutes stand approved as corrected")*

6. Presentation Agenda *(Each resolution will, after introduction and presentation from District staff, be placed on the Consent Agenda unless a request is made by a Board Member for action upon the resolution separately)*

- a. Authorization to Participate in a Planning Study of Direct Flow Area (DFA) 0054
(Resolution No. 02, Series of 2019)
- b. Authorization to Participate in a Floodplain Mapping Study for First Creek
(Resolution No. 03, Series of 2019)
- c. Acceptance of High Line Canal Planning Study
(Resolution No. 04, Series of 2019)
- d. Acceptance of 54th Avenue and Pecos Street Area Planning Study
(Resolution No. 05, Series of 2019)
- e. Authorization to Participate in Drainage and Flood Control Improvements on Horizon Tributary from Monaco to Niagara, City of Thornton, Adams County
(Resolution No. 06, Series of 2019)
- f. Authorization to Participate in Drainage and Flood Control Improvements on Todd Creek Tributary 2 from Monaco Street to Quebec Street, City of Thornton, Adams County
(Resolution No. 07, Series of 2019)

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 of a specific resolution for a presentation by District Staff or discussion)*

- a. Review of Cash Disbursements

- b. Designation of Public Place for Posting of Meeting Notices
(Resolution No. 08, Series of 2019)
 - c. Audit and Finance Committee
(Resolution No. 09, Series of 2019)
 - d. Authorization to Lobby the Colorado State Legislature to Update 32-11-212 CRS:
Compensation of Directors
(Resolution No. 10, Series of 2019)
 - e. Additional Authorization to Participate in Drainage and Flood Control Improvements
on North Outfall at Midland Street in the City of Brighton, Adams County
(Resolution No. 11, Series of 2019)
 - f. Additional Authorization to Participate in Drainage and Flood Control Improvements
on Cherry Creek at the KOA Property, Town of Parker, Douglas County
(Resolution No. 12, Series of 2019)
 - g. Additional 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. 13, Series of 2019)
 - h. Additional Authorization to Participate in Drainage and Flood Control Improvements
on Hoffman Drainageway, Adams County
(Resolution No. 14, Series of 2019)
 - i. Additional Authorization to Participate in Drainage and Flood Control Improvements
on the South and Middle Branches of Hylands Creek, Upstream and Downstream of
104th Avenue, City of Westminster, Jefferson County
(Resolution No. 15, Series of 2019)
 - j. Additional Authorization to Participate in Drainage and Flood Control Improvements
on Timbers Creek Downstream of Fox Sparrow Road, Douglas County
(Resolution No. 16, Series of 2019)
- 8. Vote on Approval of the Consent Agenda** *(Motion and roll call vote required)*
- 9. Reports/Discussion**
- a. Executive Director's Report
 - b. Project Showcase
- 10. Announcements**
- a. Next Regularly Scheduled Meeting: **Thursday, March 21, 2019**
 - b. UDFCD Annual Seminar:
Tuesday, April 2, 2019 from 8 a.m. to 4 p.m.
Omni Interlocken Hotel
500 Interlocken Boulevard, Broomfield, CO
- 11. Adjournment**



URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

BOARD OF DIRECTORS MEETING

Meeting Minutes

December 20, 2018

Board Members Present:

Randy Ahrens	Mayor, City/County of Broomfield
Herb Atchison	Mayor, City of Westminster
Debbie Brinkman	Mayor, City of Littleton
Aaron Brockett	Council Member, City of Boulder
Deb Gardner	Commissioner, Boulder County
Stacie Gilmore	Council Member, City/County of Denver
Brendan Hanlon	Deputy Mayor, City/County of Denver
Mark Hunter	Professional Engineer
Paul Kashmann	Council Member, City/County of Denver
Paul López	Council Member, City/County of Denver
Ken Lucas	Mayor Pro Tem, City of Centennial
Adam Paul	Mayor, City of Lakewood
Dave Sellards	Professional Engineer
Nancy Sharpe	Commissioner, Arapahoe County
Bud Starker	Mayor, City of Wheat Ridge
Libby Szabo	Commissioner, Jefferson County
Chaz Tedesco	Commissioner, Adams County
Heidi Williams	Mayor, City of Thornton

Board Members Absent:

Marsha Berzins	Mayor Pro Tem, City of Aurora
Carol Dodge	Mayor, City of Northglenn
Diane Holbert	Commissioner, Douglas County
John Marriott	Mayor Pro Tem, City of Arvada

UDFCD Staff Present:

Ken MacKenzie	Executive Director
Julia Bailey	Information Services Specialist, Operations and Development
David Bennetts	Program Manager, Operations and Development
Rich Borchardt	Project Manager, Stream Services
Darren Bradshaw	Senior Construction Manager, Stream Services
Margaret Corkery	Senior Administrative Assistant
Jordan Cundiff	Records Systems Administrative Assistant
Amelia Deleon	Manager, Human Resources
Scott Dirschl	Senior Construction Manager, Watershed Services
Terri Fead	Floodplain Manager, Watershed Services
Jeff Fisher	Senior Construction Manager, Watershed Services
Athena Gomez	Student Intern, Watershed Services
Katie Kerstiens	Student Intern, Stream Services
Bryan Kohlenberg	Project Manager, Stream Services
Laura Kroeger	Program Manager, Stream Services
Morgan Lynch	Project Manager, Watershed Services
Steve Materkowski	Senior Construction Manager, Stream Services
Kelsey Mehan	Receptionist
Dana Morris	Engineering Technologist, Watershed Services
Teresa Patterson	Project Manager, Watershed Services
Holly Piza	Standards Development Manager, Operations and Development
Wanda Salazar	Accountant, Finance and Accounting

Mike Sarmiento	Senior Construction Manager, Watershed Services
Terri Schafer	Program Manager, Finance and Accounting
Brooke Seymour	Project Manager, Watershed Services
David Skuodas	Project Manager, Stream Services
Richard Spann	Student Intern, Stream Services
Jason Stawski	Senior Construction Manager, Operations and Development
Kevin Stewart	Program Manager, Flood Warning and Information Services
Shea Thomas	Program Manager, Watershed Services
Jim Watt	Project Manager, Watershed Services
Joe Williams	Senior Construction Manager, Stream Services

Others Present:

Kevin Forgett	City of Thornton
Raymond Gonzales	Adams County
Ed Krisor	Legal Counsel
Bryan Ostler	Adams County
David Rausch	Adams County
Gabriel Rodriguez	Adams County

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

Commissioner Chaz Tedesco called the meeting to order at 1:00 p.m.

2. Introductions

a. Visitors/Guests/Staff

Mr. Ken MacKenzie announced that Richard Borchardt, Project Manager for the Stream Services Program, will be leaving the District after 12 ½ years of dedicated service to pursue his own business. Mr. MacKenzie thanked Mr. Borchardt for all his years of service and wished him the best in his future endeavors.

Mr. MacKenzie announced the following visitors:

- Kevin Forgett, Senior Management Analyst, City of Thornton
- Raymond Gonzales, County Manager, Adams County
- Bryan Ostler, Deputy County Manager, Adams County
- David Rausch, Stormwater Engineer, Adams County
- Gabriel Rodriguez, Cultural Affairs Liaison, Adams County

b. Awards/Recognitions

i. 2018 Perfect Attendance

Mayor Adam Paul and Mr. Dave Sellards were recognized for having perfect Board Meeting attendance in 2018. Mr. MacKenzie thanked them for their dedicated service to the District.

ii. ACEC Merit Award: Lafayette / Louisville Boundary Area Drainage Improvements

The Lafayette-Louisville Boundary Area Drainage Improvement project was awarded the ACEC Colorado Merit Award. This project constructed over one half of a mile of storm drain and 1.3 miles of new open channel to alleviate flood risk in downtown Louisville. The outfall channels were constructed through the open space between Lafayette and Louisville and included new regional trails and three new pedestrian bridges and trail heads.

iii. ACEC Excellence Award: Little Dry Creek at Westminster Station

The Little Dry Creek at Westminster Station was awarded the ACEC Excellence Award. This project was a partnership between the District, Adams County, and the City of Westminster to lower the 100-year floodplain, restore Little Dry Creek, and provide stormwater detention. The 40-acre project site includes a 2.3 acre lake, nearly 5 miles of trails, an accessible creek edge, and a future planned nature play area.

Mr. MacKenzie congratulated Mr. David Skuodas who managed both of these award-winning projects.

iv. Denver Mayor's Design Award: 33rd Street Outfall

The River North Stormwater Outfall (33rd Street Outfall) was awarded the Denver Mayor's Design Award. The Mayor's Design Award honors projects for excellence in architecture, exterior design, and place making. This is the first public works project to receive the honor in the 13-year history of the award. Mr. MacKenzie congratulated Mrs. Barbara Chongtouna who managed this award-winning project.

v. Commissioner Chaz Tedesco – UDFCD Chairperson 2018

Mr. MacKenzie recognized Commissioner Chaz Tedesco for Chairing the UDFCD Executive Committee in 2018. Commissioner Tedesco has served on the Board of Directors since February 2013, on the Executive Committee for two years, and has been the Chair of the Board since February. This year, he has led the board through a historic year providing valuable support to the District in many ways, including:

1. Led the board through the district's first-ever public outreach campaign.
2. Encouraged the Board to move forward with a ballot initiative to restore the District's mill levy.
3. Led the effort to affect necessary statutory changes and testified at a senate hearing on those changes.
4. Met with Mr. MacKenzie on a regular basis to provide leadership on District priorities.

Mr. MacKenzie thanked Commissioner Tedesco for his leadership, dedication, and courage.

3. Roll Call – Determination of Quorum

Roll was called and a quorum was declared present.

4. Approval of November 15, 2018 Meeting Minutes (*If there are no corrections "Minutes stand approved", or with corrections "Minutes stand approved as corrected"*)

Commissioner Tedesco asked if there were any corrections to the November 15, 2018 minutes. Hearing none, the minutes were approved as submitted.

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

a. Review of Cash Disbursements

The Cash Disbursement lists dated November and December 2018 have 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. Legislative Committee

(Resolution No. 74, Series of 2018)

Resolution No. 74 establishes the 2019 Legislative Committee for the District. The Legislative Committee is appointed annually at the November Board Meeting and is comprised of the following Board Members:

1. Mayor Adam Paul
2. Commissioner Libby Szabo
3. Commissioner Chaz Tedesco
4. Mr. Dave Sellards
5. Mayor Heidi Williams*

*During the Board Meeting, Mayor Heidi Williams asked to be added to the Legislative Committee. It was moved by Mayor Bud Starker and seconded by Commissioner Nancy Sharpe to add Mayor Williams to the Legislative Committee. Resolution No. 74, Series of 2018 was modified in real time to include Mayor Heidi Williams as the fifth member of the Legislative Committee.

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

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

c. **Additional Authorization to Participate in Drainage and Flood Control Improvements (Resolution No. 75, Series of 2018)**

Resolution No. 75 proposes an alternative method to how the District authorizes funding for Capital Improvement Projects (CIPs) that require additional funding. These are projects that have already been authorized by the Board in previous years but require additional funding to move the project along.

In previous years, each CIP additional funding authorization was brought before the board in individual resolutions for approval. Resolution No. 75 proposes streamlining the process by presenting one omnibus resolution that would incorporate all the CIP additional funding resolutions for the year. This annual resolution would include a table that outlines the necessary information needed to help the board make an informed decision. New CIPs would not be included in this annual resolution, they would be brought before the board in individual resolutions, as the District has always done. This change in process would include the following benefits:

- One annual omnibus resolution for all CIP additional funding authorizations would reduce redundancy of information on projects the Board has already approved
- Less resolutions per month would allow for more time to present finished projects to the board by our project managers
- Would make efficient use of board meetings
- Would add total estimated project costs to new CIP projects

Following the presentation of Resolution No. 75, Mr. MacKenzie asked if the board had any questions. The following is a summary of the discussion:

- Several board members agreed that while streamlining the process makes sense, they would like to make sure they receive all the necessary information on the project, such as the budget, progress, and any issues that arise.
- The Individual Project Additional Authorizations table provides a great summary of the projects in each county. A suggestion was made to provide this table at every meeting.
- Individual presentations on CIP additional authorizations has been a good way for the board to stay informed on project budget and status. The Board was not sure what they were gaining by moving to this new structure.
- If a project will require additional funding (over what was proposed in the annual omnibus resolution), an individual resolution will be presented to authorize those funds. It is not uncommon for the District to come back if they're making good progress and want to do more that year and both parties have money to use.
- When a CIP project is first introduced, it would be good to have an estimate of the total anticipated cost.
- Given that the District will now be managing over \$22 million a year, this could be construed as giving the board less oversight over how this money will be spent. The Board has a fiscal responsibility to tax payers.
- This new process seems very transparent and approving all the additional funding CIPs is not a concern; it would be nice to see the project costs table updated on a regular basis.

Mr. Mackenzie clarified that when a project is first brought to the Board for authorization, the initial funding is for the preliminary design process. While the master plan identifies the issues, depending on how old the plan is, the proposed alternatives could be outdated or obsolete and are otherwise only conceptual. The preliminary design gives your local governments the information they need to decide on what improvements to make and when. If we were to try and establish the project budget with the first resolution, we would just be guessing. At the end of the design process, we have a much better idea of the total project costs. Mr. MacKenzie assured the Board that this process is coordinated closely with our local government partners at every step.

Mr. MacKenzie added that the CIP additional funding resolutions make up about 25% of the resolutions that the Board authorizes in a single year. These projects are also included in the 5-year CIP that the Board adopted in November. The District works with your local governments every year to develop and prioritize this list of projects that are included in the CIP.

After much discussion, Mayor Heidi Williams proposed an alternative solution that would streamline the approval process while keeping the format of providing individual resolutions for the CIP additional funding authorizations. The CIP additional funding resolutions would be listed on the Consent Agenda (individually) and voted on all at once with no presentations necessary. If a board member has an issue or would like some discussion on a particular resolution, it can be moved from the Consent Agenda and placed under the "Action Items" agenda topic for further discussion. Mayor Williams added that this is how the City of Thornton structures their Board Agendas.

In order for this format to work, the District would need to be notified ahead of the board meeting to prepare the requested information. This would help streamline the amendments without actually removing them from the agenda. The District will also provide the table that summarizes project costs per county, highlighting changes (if any) from month to month.

It was moved by Mayor Bud Starker and seconded by Commissioner Nancy Sharpe to change the structure of the Board Agenda to reflect this new proposal.

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

d. Authorization to Participate in Drainage and Flood Control Improvements on First Creek at Picadilly, City of Aurora, Arapahoe County (Resolution No. 76, Series of 2018)

The City of Aurora and the District cooperated in the preparation of "First Creek (Upstream of Buckley Road) Major Drainageway Plan Conceptual Design Report," dated August 2010; which recommends improvements on First Creek. The Majestic Commercenter is developing the area along First Creek from 26th Avenue to 38th Avenue in the City of Aurora. The development is called the Majestic Commercenter and consists of approximately 538 acres. The site is being developed for commercial use.

The city, as part of their land development approval process, requires the master planned improvements to be implemented. The improvements include stream improvements to carry the developed 100-year storm event, regional detention, and two roadway crossing improvements.

The City of Aurora and Majestic Commercenter have requested that the District manage the design and construction of improvements required by the City of Aurora as a result of the development in lieu of Majestic Commercenter designing and constructing those improvements along First Creek at Picadilly. Preliminary project costs are estimated to be \$12,000,000.

Resolution No. 76 authorizes the District to collect funds from Majestic Commercenter into the Development Services Enterprise Account 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. 76 on the Consent Agenda.

e. Authorization of 2019 Public Affairs Expenditures (Resolution No. 77, Series of 2018)

Resolution No. 77 authorizes the Executive Director to negotiate payments with the seven county clerks for their work related to the November 6, 2018 election. This resolution also authorizes the District to continue some of the public outreach efforts that were initiated in 2018, such as the potential renaming and rebranding of the District, and social media efforts.

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

With Resolution No. 75, Additional Authorization to Participate in Flood Control Improvements, removed from the consent agenda, a motion was made and seconded to add Resolutions No. 78, 79, and 80 to 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. 78, Series of 2018)**

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

The final design is on-going, and the District, CCD, SEMSWA, 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, CCD, SEMSWA, and Arapahoe County have identified \$13,900,000 in total project costs with the District's participation being \$4,100,000. The previous authorizations totaled \$2,550,000 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. 78 authorizes an additional \$1,550,000 of District funds from the Special Revenue Fund - Construction to be at least 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. 78 on the Consent Agenda.

- g. **Additional Authorization to Participate in Drainage and Flood Control Improvements on Marston Lake North Drainageway, South Garrison Street to the Eastern Limit of West Stanford Avenue, City and County of Denver (Resolution No. 79, Series of 2018)**

This is a joint project with CCD. CH2M Hill (now Jacobs) designed the project under contract with the District. The drainage elements of the project include improvements to an existing detention basin and conveyance improvements, including channel improvements, modifying existing crossings and a baffle drop. These improvements will remove 13 homes from the 100-year floodplain.

CCD already holds the necessary easements and right-of-way where the project will be carried out. The final design is now complete and the District and CCD desire to construct the improvements which will be managed by the District. Construction is anticipated in January of 2019.

The District and CCD have identified \$3,500,000 in total project costs with the District's participation being \$1,700,000. The previous authorizations (Resolution No. 68, Series of 2012; Resolution No. 18, Series of 2018; and Resolution No. 60, Series of 2018) totaled \$100,000 to fund design and \$850,000 to fund construction. It is anticipated that additional funds will be required for this project in the future.

Resolution No. 79 authorizes an additional \$750,000 of District funds from the Special Revenue Fund - Construction to be at least matched by CCD 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. 79 on the Consent Agenda.

- h. **Additional Authorization to Participate in Drainage and Flood Control Improvements on West Fork Big Dry Creek Downstream of Canongate Lane, Highlands Ranch Metro District, Douglas County (Resolution No. 80, Series of 2018)**

This is a joint project with Highlands Ranch Metro District (HRMD). HRMD is administering the design with Muller Engineering Company. The drainage elements of the project include improvements to the

stream bed and bank. HRMD already holds the necessary easements and right-of-way where the project will be carried out. The final design is 100% complete.

The District and HRMD now desire to construct the improvements. Construction is anticipated in 2019. The District and HRMD have identified \$260,000 in total project costs. The District and HRMD will increase the funding this year to \$260,000, with the District's participation being \$130,000. Previous authorizations totaled \$85,000 to partially fund construction.

Resolution No. 80 authorizes an additional \$45,000 of District funds from the Special Revenue Fund - Construction to be at least matched by HRMD for the 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. 80 on the Consent Agenda.

6. Vote on Approval of the Consent Agenda

It was the consensus of the Board that Resolutions No. 74, 76, 77, 78, 79, and 80, Series of 2018, and the Review of Cash Disbursements dated November and December 2018 be placed on the Consent Agenda. Commissioner Tedesco moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

7. Reports/Discussions

a. Executive Directors Report

Mr. MacKenzie provided the following updates to the Board during his Executive Director's report:

- Shea Thomas, Manager of the Watershed Services Program and Mr. MacKenzie attended the annual National Association of Flood & Stormwater Management Agencies (NAFSMA) Leadership Meeting. Highlights included meeting with:
 - Ryan Fisher, U.S. Army Corps of Engineers, Principal Deputy Assistant, regarding Section 404 permitting and 408 permissions;
 - David Maurstan, Deputy Administrator for Mitigation and National Flood Insurance Program (NFIP) to discuss the newly-proposed Flood Mitigation State Revolving Loan Program, which will follow the model of the successful Clean Water State Revolving Fund and will likely be managed cooperatively by FEMA and the Colorado Water Conservation Board; and
 - Robyn Colosimo, the White House National Economic Council Senior Advisor, to discuss the Trump Administrations plans for the coming year with regard to the Federal Agencies with which we work closely.
- On December 11, 2018, the U.S. Army Corps of Engineers (USACE) and Environmental Protection Agency (EPA) proposed a new rule defining the term "Waters of the U.S." under the Clean Water Act (CWA). The new rule supersedes the 2015 rulemaking and proposes to:
 - Exempt waterways that only flow after rainfall or snowmelt from being considered waters of the U.S.; and
 - Limit jurisdictional wetlands to only those with a surface connection to jurisdictional waters in a "typical year".
- Mr. MacKenzie doubts the new rulemaking will become law in 2019, and suggested that there is no need to comment on it at this point.

8. Other Business

a. Nominating Committee

The Nominating Committee for 2019 officers (comprised of Commissioner Tedesco, Councilman Paul Kashmann, Mayor Starker, Mayor Pro Tem John Marriott, and Mr. Mark Hunter) recommended the following slate of candidates for 2019 officers:

- Chair – Commissioner Libby Szabo
- Chair Pro Tem – Councilwoman Stacie Gilmore

- Treasurer and Secretary – Mayor Adam Paul
- Member-at-Large – Mr. Dave Sellards

A motion was made, seconded and approved to adopt the recommendation of the Nominating Committee regarding the members of the Executive Committee. Mr. MacKenzie thanked the Nominating Committee for its service.

9. Announcements

a. Next Regularly Scheduled Meeting: Friday, February 1, 2019

The next regularly scheduled Board meeting will take place on Friday February 1, 2019.

10. Adjournment

Commissioner Tedesco adjourned the meeting at 2:29 pm

Table 1
Individual Project Additional Authorizations

A	B	C	D	E	F	G	H	I	J
Project Name	Original Resolution	Additional 2019 District Funding	Previous Maximum District Contribution	New Maximum District Contribution	Local Government Partners	Design % Complete	Construction % complete or year when start	Total Project Costs	Authorized
ADAMS COUNTY									
*Grange Hall Creek at Washington	No. 46 Series of 2008	\$200,000	\$1,545,000	\$1,745,000	Northglenn	75%	75%	\$6,800,000	
*North Outfall	No. 4 Series of 2006	\$120,000	\$1,630,00	\$1,750,000	Brighton	50%	50%	\$10,500,000	02/19
*Dahlia Street Outfall	No. 50, Series of 2018	\$375,000	\$75,000	\$450,000	Adams	90%	2019	\$4,000,000	
Hoffman Drainageway 88 th to Steele	No. 49, Series of 1997	\$300,000	\$350,000	\$650,000	Adams	85%	85%	\$9,000,000	02/19
ARAPAHOE COUNTY									
*First Creek Detention	No. 58, Series of 2009	\$400,000	\$3,049,000	\$3,449,000	Aurora	10%	TBD	\$12,000,000	
*Little's Creek	No. 37, Series of 2015	\$250,000	\$250,000	\$500,000	Littleton	30%	2020	\$1,000,000	
Easterly Creek – 1 st & Kenton	No. 15, Series of 2015	\$1,025,000	\$575,000	\$1,600,000	Aurora	100%	10%	\$7,402,000	
Greenwood Gulch at Quincy	No. 63, Series of 2017	\$100,000	\$100,000	\$200,000	Cherry Hills Village				
*Big Dry Creek b/w County Line and East Orchard	No. 57, Series 2018	\$250,000	\$50,000	\$300,000	SEMSWA	0%	Tbd	\$2,000,000	
BOULDER COUNTY									
*South Boulder Creek u/s HWY 36	No. 42, Series of 2018	\$200,000	\$120,000	\$320,000	City of Boulder	10%	2022	\$40,000,000	
*Gregory Canyon Creek – Arapahoe to Pennsylvania	No. 41, Series of 2018	\$400,000	\$250,000	\$650,000	City of Boulder	0%	TBD	\$12,000,000	
Bullhead Gulch Drainage Underpass	No. 35, Series of 2016	\$400,000	\$100,000	\$500,000	Louisville	60%	2020	\$2,500,000	

A	B	C	D	E	F	G	H	I	J
Project Name	Original Resolution	Additional 2019 District Funding	Previous Maximum District Contribution	New Maximum District Contribution	Local Government Partners	Design % Complete	Construction % complete or year when start	Total Project Costs	Authorized
Coal Creek – McCaslin to HWY 36	No. 58, Series of 2016	\$110,000	\$696,243	\$806,243	Superior	95%	25%	\$2,200,000	02/19
BROOMFIELD CITY & COUNTY									
*Nissen Reservoir Drainageway – Lowell to Tennyson	No. 45, Series of 2016	\$270,000	\$780,000	\$1,050,000	Broomfield	40%	2019	\$3,000,000	
DENVER CITY & COUNTY									
*Cherry Creek Stabilization (Monaco to Illiff)	No. 31, Series of 2011	\$1,550,000	\$2,550,000	\$4,100,000	Denver	90%	2019	\$13,900,000	
Sanderson Gulch at the South Platte River	No. 12, Series of 2016	\$1,650,000	\$2,630,000	\$4,280,000	Denver	100%	50%	\$18,900,000	
*Globeville OSP (49 th and Grant) Platte Farms	No. 18, Series of 2017	\$600,000	\$150,000	\$750,000	Denver	50%	2019	\$5,000,000	
Marston Lake d/s Garrison Street	No. 68, Series of 2012	\$750,000	\$950,000	\$1,700,000	Denver	100%	2019	\$3,500,000	
DOUGLAS COUNTY									
*Timbers Creek d/s Fox Sparrow	No. 34, Series of 2017	\$125,000	\$50,000	\$175,000	Douglas	10%	2019	\$4,000,000 - \$5,000,000	02/19
*Happy Canyon Creek north of Lincoln	No. 54, Series of 2015	\$475,000	\$417,500	\$892,500	Douglas	5%	2020	\$3,000,000	
Dad Clark Gulch, Wild Iris Run	No. 58, Series of 2017	\$500,000	\$322,500	\$822,500	Highlands Ranch	30%	2019	\$1,500,000	
Cherry Creek at KOA	No. 33, Series of 2017	\$200,000	\$315,000	\$515,000	Parker	40%	2020	\$2,000,000	02/19
*West Big Dry Creek d/s Canongate Lane	No.70, Series of 2018	\$45,000	\$85,000	\$130,000	Highlands Ranch	100%	2019	\$260,000	

A	B	C	D	E	F	G	H	I	J
Project Name	Original Resolution	Additional 2019 District Funding	Previous Maximum District Contribution	New Maximum District Contribution	Local Government Partners	Design % Complete	Construction % complete or year when start	Total Project Costs	Authorized
JEFFERSON COUNTY									
*North Dry Gulch – Lamar to Teller	No. 65, Series of 2008	\$225,000	\$3,775,000	\$4,000,000	Lakewood	0%	TBD	\$11,000,000	
*Van Bibber Creek Crossing at McIntyre	No. 25, Series of 2016	\$300,000	\$1,248,000	\$1,548,000	Jefferson	100%	30%	\$3,500,000	
South & Middle Hyland Creek u/s & d/s 104 th	No. 77, Series of 2016	\$350,000	\$963,000	\$1,313,000	Westminster	0%	2020	\$2,600,000	02/19
*Big Dry Creek – Sheridan to Standley Lake	No. 75, Series of 2016	\$125,000	\$300,000	\$425,000	Westminster	15%	TBD	\$1,600,000	
*Walnut Creek – US 36 to Wadsworth Pkwy	No. 53, Series of 2018	\$325,000	\$200,000	\$525,000	Westminster	0%	TBD	\$1,250,000	
Leyden Creek at Alkire Street	No. 43, Series of 2014	\$500,000	\$450,000	\$950,000	Arvada	90%	2019	\$1,900,000	

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 01, SERIES OF 2019
(Reappointment of Mark R. Hunter to Board of Directors)

WHEREAS, the term of Mark R. Hunter as director of Urban Drainage and Flood Control ends January 31, 2019; and

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

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

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

WHEREAS, Mark R. Hunter is a taxpaying elector of the District, is not an officer, or employed by any public body, is a licensed Colorado professional engineer holding license number 17172.

NOW, THEREFORE, BE IT RESOLVED THAT:

Mark R. Hunter is reappointed as a member of the Board of Directors of the Urban Drainage and Flood Control District, effective February 1, 2019 for a term ending on January 31, 2021.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 02, SERIES OF 2019 (Authorization to Participate in a Planning Study of Direct Flow Area (DFA) 0054)

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

WHEREAS, the City of Thornton and Adams County have enacted floodplain regulations; and

WHEREAS, the Board has previously established a Work Program for 2019 (Resolution No. 66, Series of 2018) which includes master planning; and

WHEREAS, the Board previously cooperated with the City of Thornton and Adams County in the preparation of "Major Drainageway Planning Direct Flow Area (DFA) 0054," dated October 1980; and

WHEREAS, the City of Thornton and Adams County have expressed a desire to participate in a study leading to a major drainageway plan for DFA 0054; and

WHEREAS, the Board wishes to cooperate with the City of Thornton and Adams County in the identification of solutions to stormwater drainage and flood control management problems for DFA 0054 (Exhibit A); and

WHEREAS, the cost of engineering and mapping services for the study is estimated to be \$160,000 and is expected to be divided among participating entities as follows:

Sponsor	Master Plan Contribution
UDFCD	\$80,000
City of Thornton	\$50,000
Adams County	\$30,000
TOTAL	\$160,000

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute an agreement with the City of Thornton and Adams County to fund the required engineering and mapping services for the Direct Flow Area (DFA) 0054 planning study.
2. The Executive Director is authorized to enter into agreements with qualified engineers, surveyors, and others as necessary for preparation of the study.
3. The expenditures for the engineering and mapping services are estimated to be \$160,000 and the District's share of total costs shall not exceed \$80,000 plus interest earned on monies deposited in the project fund, which contribution for the planning portion of this project shall be at least matched by the City of Thornton and Adams County.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 02, SERIES OF 2019
(Authorization to Participate in a Planning Study of Direct Flow Area (DFA) 0054)

EXHIBIT A

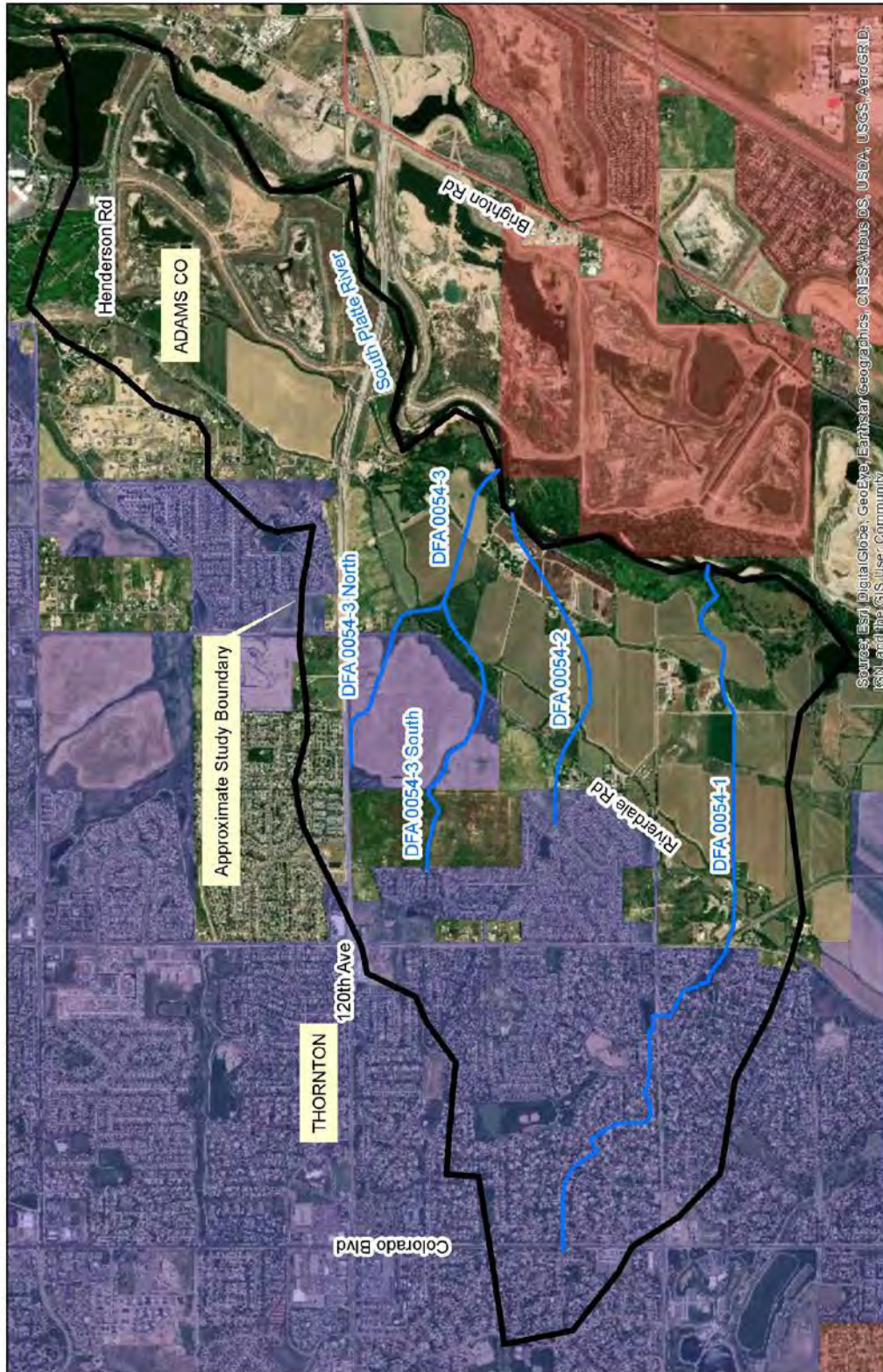


EXHIBIT A
DFA 0054 MDP
Approximate Study Limits
January 2019

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 03, SERIES OF 2019 (Authorization to Participate in a Floodplain Mapping Study for First Creek)

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

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

WHEREAS, the Board has previously established a Work Program for 2019 (Resolution No. 66, Series of 2018) which includes floodplain mapping; and

WHEREAS, the Board previously cooperated with Adams County and the City of Commerce City in the preparation of "Flood Hazard Area Delineation Lower First Creek and DFA 0055," dated February 2002 and also with the City and County of Denver and the City of Aurora in the preparation of "Flood Hazard Area Delineation First Creek (Upstream of Buckley Road)," dated October 2011; and

WHEREAS, Adams County, the City of Commerce City, the City and County of Denver, and the City of Aurora have expressed a desire to participate in a study leading to an updated Flood Hazard Area Delineation for First Creek; and

WHEREAS, the Board wishes to cooperate with Adams County, the City of Commerce City, the City and County of Denver, and the City of Aurora in updating the hydrology and flood hazard mapping for First Creek (Exhibit A); and

WHEREAS, the cost of engineering and mapping services for the study is estimated to be \$200,000 and is expected to be divided among participating entities as follows:

Sponsor	Master Plan Contribution
UDFCD	\$150,000
Adams County	\$23,000
City of Commerce City	\$11,000
City and County of Denver	\$9,000
City of Aurora	\$7,000
TOTAL	\$200,000

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute an agreement with Adams County, the City of Commerce City, the City and County of Denver, and the City of Aurora to fund the required engineering and mapping services for the First Creek floodplain study.
2. The Executive Director is authorized to enter into agreements with qualified engineers, surveyors, and others as necessary for preparation of the study.
3. The expenditures for the engineering and mapping services are estimated to be \$200,000 and the District's share of total costs shall not exceed \$150,000 plus interest earned on monies deposited in the project fund, which contribution for the planning portion of this project shall be at least matched by Adams County, the City of Commerce City, the City and County of Denver, and the City of Aurora.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 03, SERIES OF 2019
(Authorization to Participate in a Floodplain Mapping Study for First Creek)

EXHIBIT A

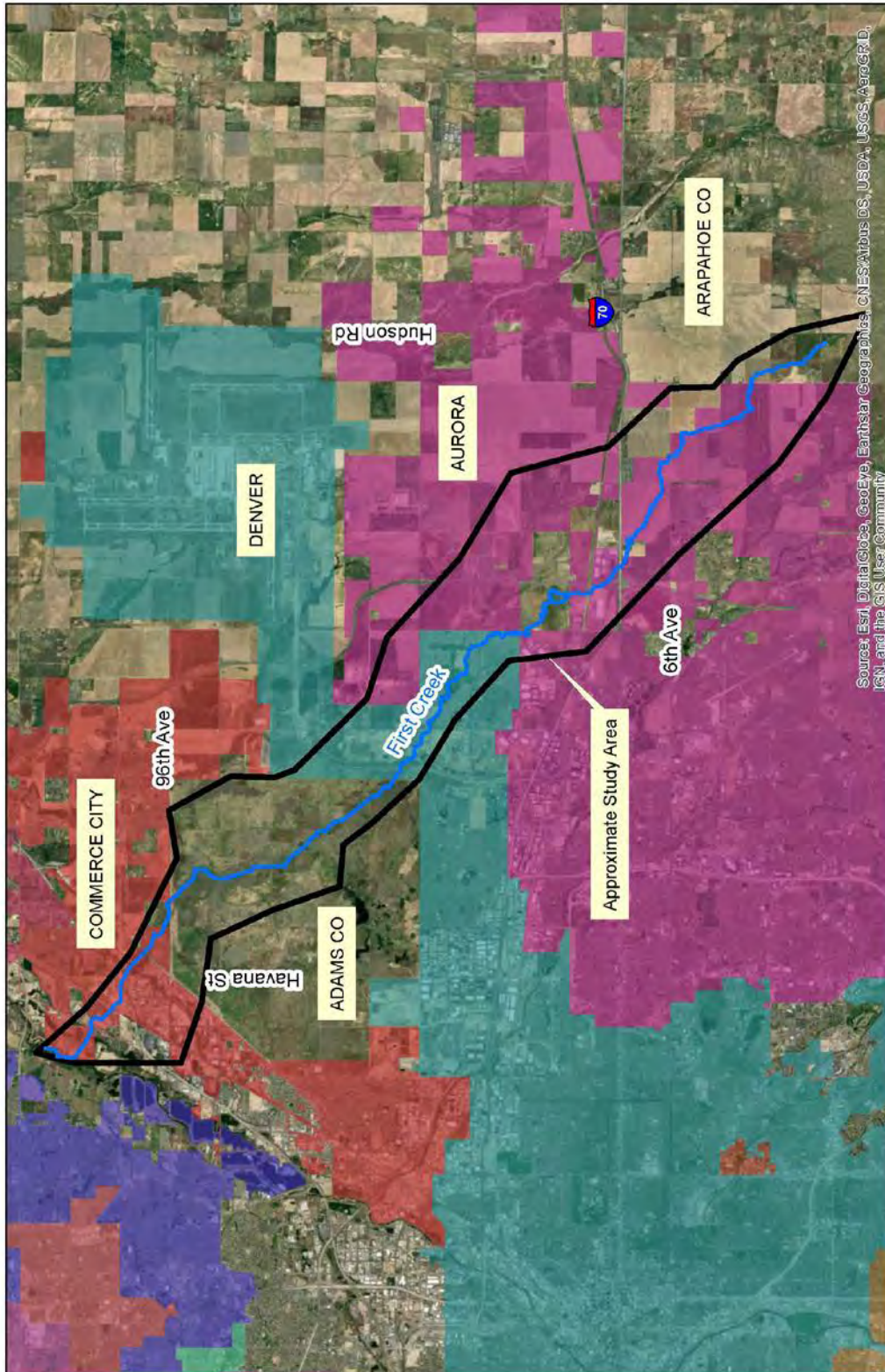


EXHIBIT A
First Creek FHAD
Approximate Study Limits
January 2019

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 04, SERIES OF 2019
(Acceptance of High Line Canal Planning Study)

WHEREAS, the District cooperated with Douglas County, the City of Aurora, Cherry Hills Village, the Southeast Metro Stormwater Authority (SEMSWA), Greenwood Village, the City of Littleton, the City and County of Denver,
and Denver Water in the preparation of a master planning study for the High Line Canal; and

WHEREAS, the Executive Director executed an agreement for engineering services with the consulting firm RESPEC Consulting and Services, Inc. to conduct studies and prepare a planning report for the High Line Canal; and

WHEREAS, RESPEC Consulting and Services, Inc. has completed the study and submitted to the District the report titled "High Line Canal Stormwater and Operations Master Plan," dated October 2018.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board of Directors of the Urban Drainage and Flood Control District hereby accepts the report titled "High Line Canal Stormwater and Operations Master Plan," dated October 2018, and recommends that all drainage, flood control and stormwater management infrastructure and practices recommended in the report be used to guide future drainage and flood control planning, land development, and design and construction of all such infrastructure within jurisdiction covered by said plan.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 04, SERIES OF 2019
(Acceptance of High Line Canal Planning Study)

EXHIBIT A

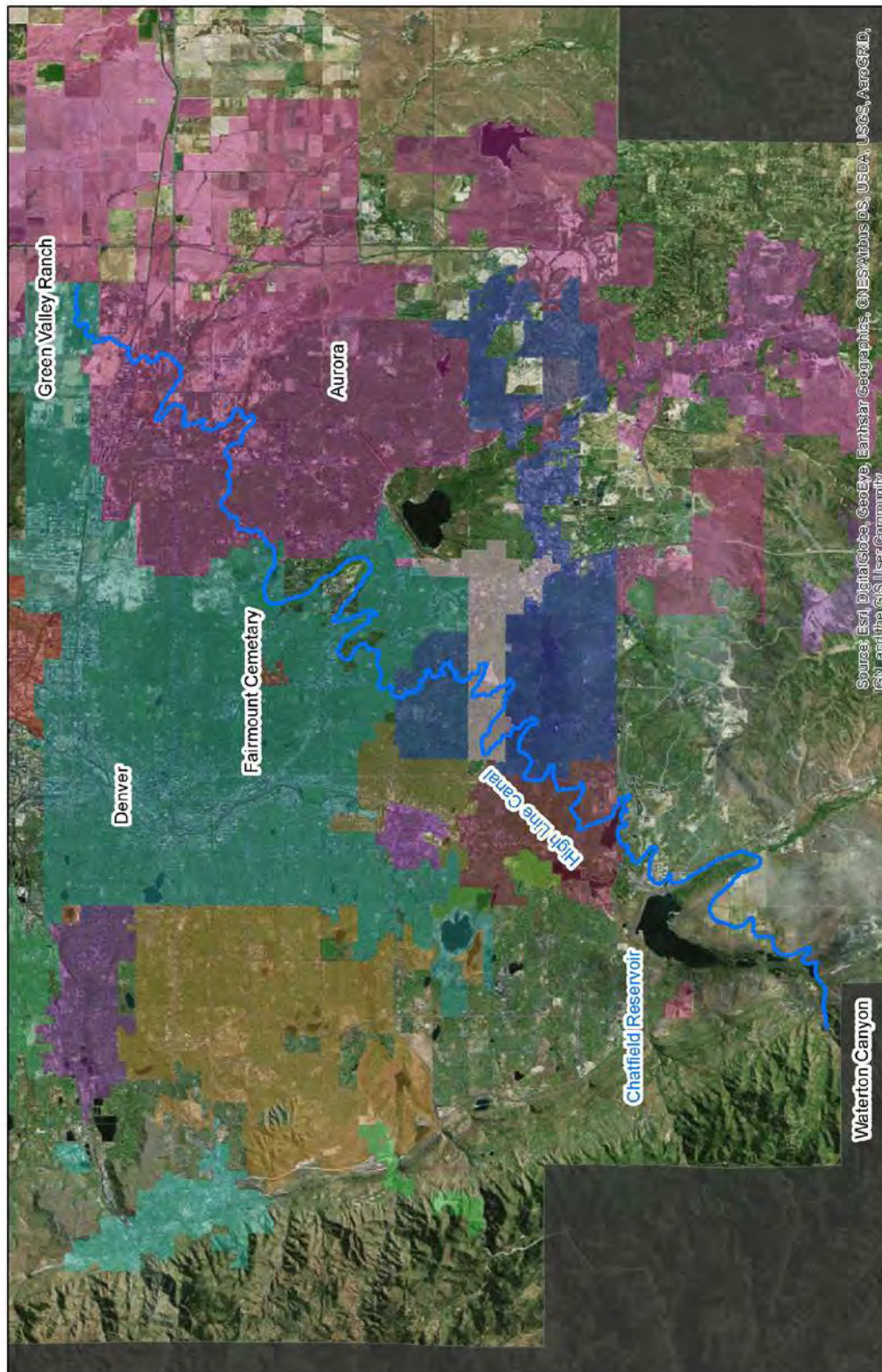
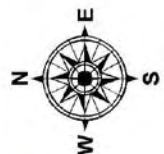


EXHIBIT A
High Line Canal Master Plan
Approximate Study Limits
January 2019



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 05, SERIES OF 2019
(Acceptance of 54th Avenue and Pecos Street Area Planning Study)

WHEREAS, the District cooperated with Adams County in the preparation of an outfall systems planning study for 54th Avenue and Pecos Street Area (Resolution No. 18, Series of 2016); and

WHEREAS, the Executive Director executed an agreement for engineering services with the consulting firm Jacobs to conduct studies and prepare an outfall systems planning report for 54th Avenue and Pecos Street Area; and

WHEREAS, Jacobs has completed the study and submitted to the District the report titled "54th Avenue and Pecos Street Area Outfall Systems Plan," dated December 2018.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board of Directors of the Urban Drainage and Flood Control District hereby accepts the report titled "54th Avenue and Pecos Street Area Outfall Systems Plan," dated December 2018, and recommends that all drainage, flood control, and stormwater management infrastructure and practices recommended in the report be used to guide future drainage and flood control planning, land development, and design and construction of all such infrastructure within jurisdiction covered by said plan.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 05, SERIES OF 2019
(Acceptance of 54th Avenue and Pecos Street Area Outfall Systems Plan Planning Study)

EXHIBIT A

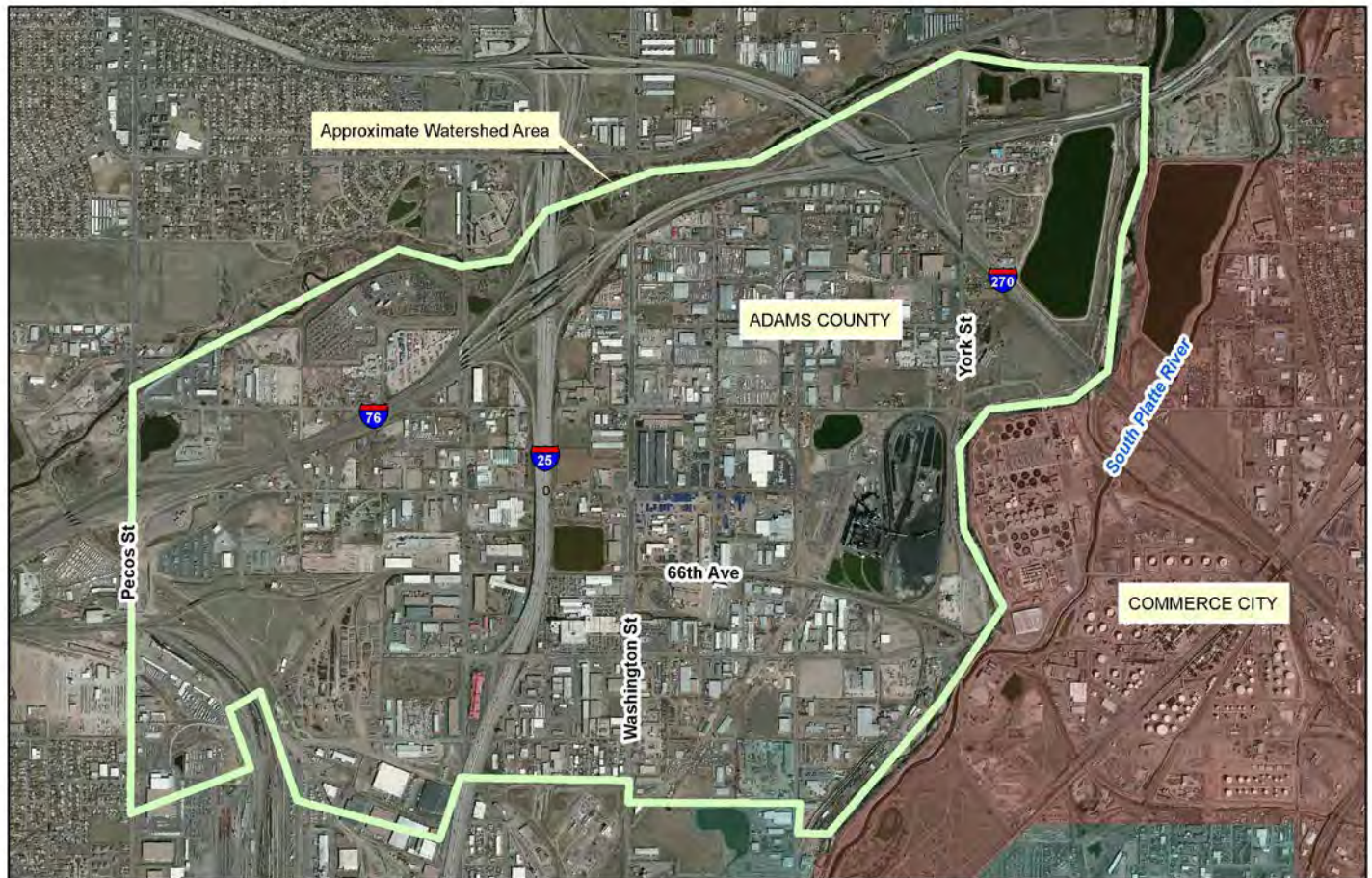


EXHIBIT A
54th and Pecos OSP
Approximate Study Limits
November 2015

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 06, SERIES OF 2019 (Authorization to Participate in Drainage and Flood Control Improvements on Horizon Tributary from Monaco to Niagara, City of Thornton, Adams County)

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

WHEREAS, the City of Thornton has enacted floodplain regulations; and

WHEREAS, the City of Thornton and the District cooperated in the preparation of "Brantner Gulch Northern Tributary Watersheds Major Drainageway Planning Study Preliminary Design Report," dated April 1998; which recommends improvements on Horizon Tributary from Monaco to Niagara; and

WHEREAS, the City of Thornton and Lennar Colorado LLC have requested that the District manage the design and construction of improvements required by the City of Thornton as a result of a development in lieu of Lennar Colorado LLC designing and constructing those improvements along Horizon Tributary from Monaco to Niagara (Exhibit A); and

WHEREAS, preliminary project costs are estimated to be \$500,000; and

WHEREAS, the District established a water activity enterprise known as the Development Services Enterprise (DSE) (Resolution No. 38, Series of 2017) which allows the District to collect design, construction, and administration fees from Lennar Colorado LLC to manage the design and construction of drainage and flood control improvements along Horizon Tributary from Monaco to Niagara; and

WHEREAS, expenditures in 2019 from the DSE have been budgeted (Resolution No. 64, Series of 2018).

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with Lennar Colorado LLC for the design and construction of drainage and flood control improvements on Horizon Tributary from Monaco to Niagara.
2. The District is authorized to collect from Lennar Colorado LLC sufficient fees to cover the cost of the preliminary design, the final design, and construction of the improvements, plus the District's administrative fee, and to deposit those fees in a project-specific account in a separate Development Services Enterprise (DSE) fund which shall be set apart from all other funds of the District.
3. The Executive Director is authorized to enter into agreements with qualified engineers, qualified contractors, and others as necessary for the design and construction of drainage and flood control improvements on Horizon Tributary from Monaco to Niagara.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 06, SERIES OF 2019

(Authorization to Participate in Drainage and Flood Control Improvements
on Horizon Tributary from Monaco to Niagara, City of Thornton, Adams County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 07, SERIES OF 2019
(Authorization to Participate in Drainage and Flood Control Improvements
on Todd Creek Tributary 2 from Monaco Street to Quebec Street,
City of Thornton, Adams County)

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

WHEREAS, the City of Thornton has enacted floodplain regulations; and

WHEREAS, the City of Thornton and the District cooperated in the preparation of "Todd Creek and DFA 0052 Watersheds Outfall Systems Planning Study Preliminary Design Report," dated December 2003; which recommends improvements on Todd Creek Tributary 2 from Monaco Street to Quebec Street; and

WHEREAS, the City of Thornton and Talon Pointe Land, LLC have requested that the District manage the design and construction of improvements required by the City of Thornton as a result of a development in lieu of Talon Pointe Land, LLC designing and constructing those improvements along Todd Creek Tributary 2 from Monaco Street to Quebec Street (Exhibit A); and

WHEREAS, preliminary project costs are estimated to be \$1,500,000; and

WHEREAS, the District established a water activity enterprise known as the Development Services Enterprise (DSE) (Resolution No. 38, Series of 2017) which allows the District to collect design, construction, and administration fees from Talon Pointe Land, LLC to manage the design and construction of drainage and flood control improvements along Todd Creek Tributary 2 from Monaco Street to Quebec Street; and

WHEREAS, expenditures in 2019 from the DSE have been budgeted (Resolution No. 64, Series of 2018).

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with Talon Pointe Land, LLC for the design and construction of drainage and flood control improvements on Todd Creek Tributary 2 from Monaco Street to Quebec Street.
2. The District is authorized to collect from Talon Pointe Land, LLC sufficient fees to cover the cost of the preliminary design, the final design, and construction of the improvements, plus the District's administrative fee and to deposit those fees in a project-specific account in a separate Development Services Enterprise (DSE) fund which shall be set apart from all other funds of the District.
3. The Executive Director is authorized to enter into agreements with qualified engineers, qualified contractors, and others as necessary for the design and construction of drainage and flood control improvements on Todd Creek Tributary 2 from Monaco Street to Quebec Street.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

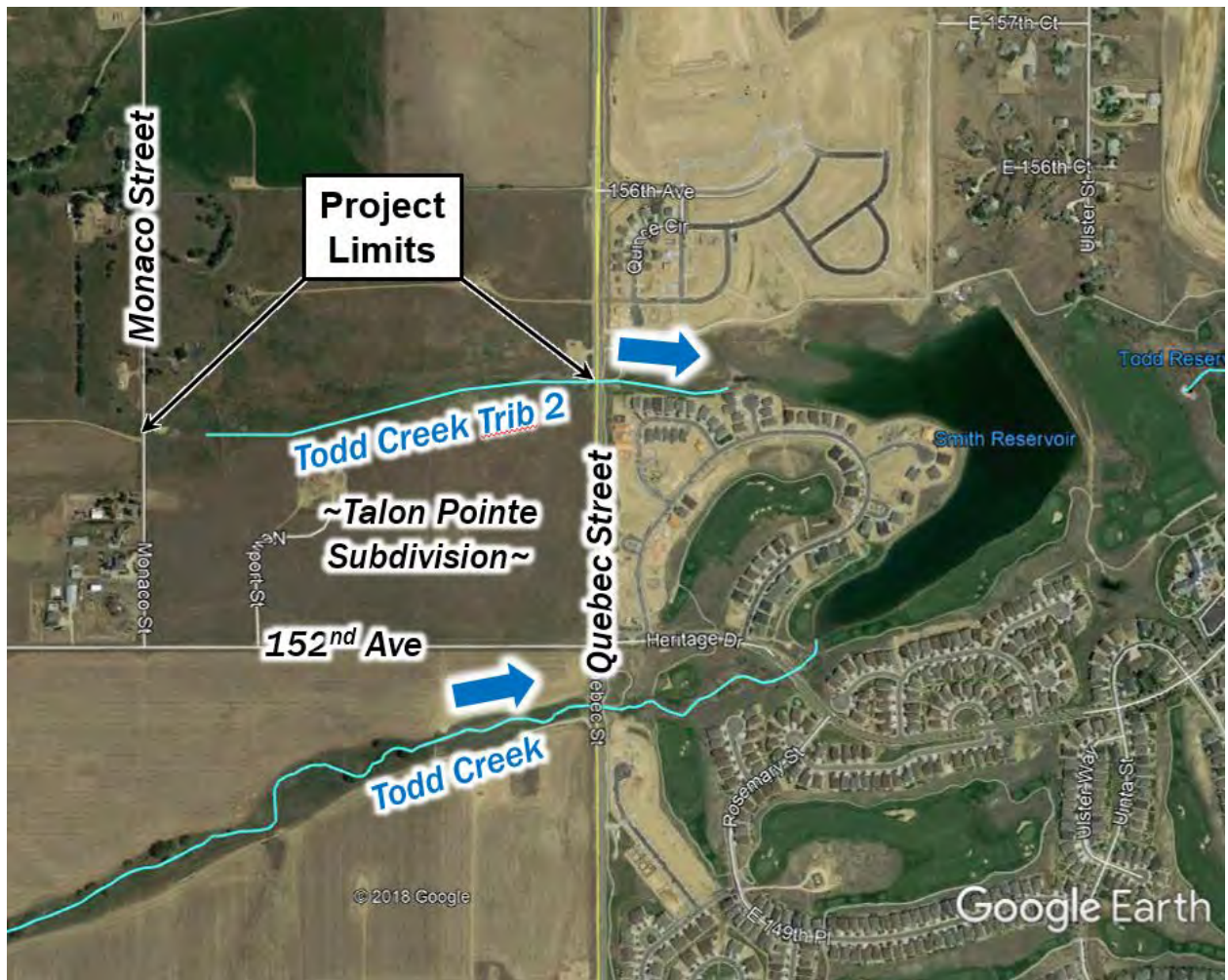
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 07, SERIES OF 2019

(Authorization to Participate in Drainage and Flood Control Improvements
On Todd Creek Tributary 2 from Monaco Street to Quebec Street, City of Thornton, Adams County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 08, SERIES OF 2019
(Designation of Public Place for Posting of Meeting Notices)

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

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

NOW, THEREFORE, BE IT RESOLVED THAT:

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

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 09, SERIES OF 2019
(Audit and Finance Committee)

WHEREAS, Section 32-11-208(1)(b), C.R.S., provides that: "The board, on behalf and in the name of the district, has the following powers: To adopt and amend or otherwise modify bylaws and rules of procedure"; and

WHEREAS, the Board of Directors established an Audit and Finance Committee (Resolution No. 30, Series of 2017) to act in an advisory capacity to the Board to ensure that the District's financial records and statements are fairly and appropriately presented and are in accordance with Generally Accepted Accounting Principles; and

WHEREAS, the Audit and Finance Committee is a standing committee comprised of no fewer than three Board Members; and

WHEREAS, each year, members of the Audit and Finance Committee shall be appointed by the Board of Directors by resolution.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. For fiscal year 2019, the Audit and Finance Committee shall be comprised of Board Members Mayor Adam Paul, Mayor Pro Tem John Marriott, Mayor Heidi Williams, and Mr. Dave Sellards.
2. The Committee's authority and powers shall be limited to those tasks specified in Resolution No. 30, Series of 2017.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 10, SERIES OF 2019

(Authorization to Lobby the Colorado State Legislature to Update 32-11-212 CRS: Compensation of Directors)

WHEREAS, the Urban Drainage and Flood Control District Act contains language in 32-11-212 C.R.S. defining the compensation of District's directors for meeting attendance; and

WHEREAS, nearly all other Colorado Title 32 special districts compensate their directors for meeting attendance as allowed under 32-1-902 C.R.S. "Organization of Board - Compensation - Disclosure"; and

WHEREAS, 32-1-902 C.R.S. was updated by the Colorado General Assembly in 1996, 2005, and 2017, while 32-11-212 C.R.S. has not been updated since 1996; and

WHEREAS, the District's meeting compensation under 32-11-212 C.R.S. (\$75 per meeting attended not to exceed \$1,200 per annum) is outdated and statutory changes are necessary to update the District's laws in order to enable District to compensate directors fairly when compared to meeting compensation for other Colorado Title 32 Special Districts as defined in 32-1-902 C.R.S. (\$100 per meeting attended not to exceed \$2,400 per annum); and

WHEREAS, the Board desires to lobby the Colorado State Legislature for changes to the District's director meeting compensation provisions in order to bring them into sync with meeting compensation for other Colorado Title 32 Special Districts as defined in 32-1-902 C.R.S.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to lobby the Colorado State Legislature for changes to the District's director meeting compensation provisions in order to bring them into sync with meeting compensation for other Colorado Title 32 Special Districts as defined in 32-1-902 C.R.S.
2. No expenditures are authorized for this effort beyond the Executive Director's current authority as described in Resolution No. 6, Series of 2014.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 11, SERIES OF 2019 (Additional Authorization to Participate in Drainage and Flood Control Improvements on North Outfall at Midland Street in the 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 \$1,630,000 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	Local Share	Work Elements
4	2006	\$0	\$1,400,000	Authorization for District Participation in Project
25	2008	\$400,000	\$200,000	Design, Right-of-Way Purchases, and Construction Funding
44	2010	\$200,000	\$85,000	Construction Funding
25	2011	\$125,000	\$46,000	Construction Funding
11	2014	\$150,000	\$0	Construction Funding
11	2015	\$100,000	\$0	Construction Funding
24	2017	\$130,000	\$0	Construction Funding
67	2017	\$525,000	\$2,000,000	Right-of-Way Purchases, Construction Funding
TOTAL		\$1,630,000	\$3,731,000	

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

WHEREAS, the District's additional participation being authorized by this resolution is \$120,000 to be at least matched by the City of Brighton; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund-Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2018 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. 67, Series of 2018) which includes funds for the improvements along North Outfall at Midland Street.

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 ~~\$1,630,000~~ **\$1,750,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by 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. 11, SERIES OF 2019

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

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 12, SERIES OF 2019 (Additional Authorization to Participate in Drainage and Flood Control Improvements on Cherry Creek at the KOA Property, 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 "Cherry Creek Corridor – Reservoir to Scott Road Major Drainageway Planning Preliminary Design Report," dated January 2004; and

WHEREAS, the Board previously authorized \$315,000 for the Cherry Creek at the KOA Property project (Table 1); and

Table 1
Cherry Creek at the KOA Property
Previous Authorizations

Resolution No.	Series of	District Authorization	Local Share	Work Elements
33	2017	\$65,000	\$65,000	Design Funding
37	2018	\$250,000	\$250,000	Design Funding
TOTAL		\$315,000	\$315,000	

WHEREAS, the Town of Parker, the Cherry Creek Basin Water Quality Authority, and the District now desire to construct improvements along Cherry Creek at the KOA Property (Exhibit A); and

WHEREAS, the District's additional participation being authorized by this resolution is \$200,000 to be at least matched by the Town of Parker and the Cherry Creek Basin Water Quality Authority; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019 which includes funds for construction of drainage and flood control improvements along Cherry Creek at the KOA Property; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for the improvements along Cherry Creek at the KOA Property.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 33, Series of 2017, Paragraph 3, is amended as follows:
"The District's maximum contribution to the Cherry Creek at the KOA Property project without prior approval of the Board shall be ~~\$315,000~~ **\$515,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the Town of Parker."
2. All other conditions and authorizations remain as stated in Resolution No. 33, Series of 2017.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

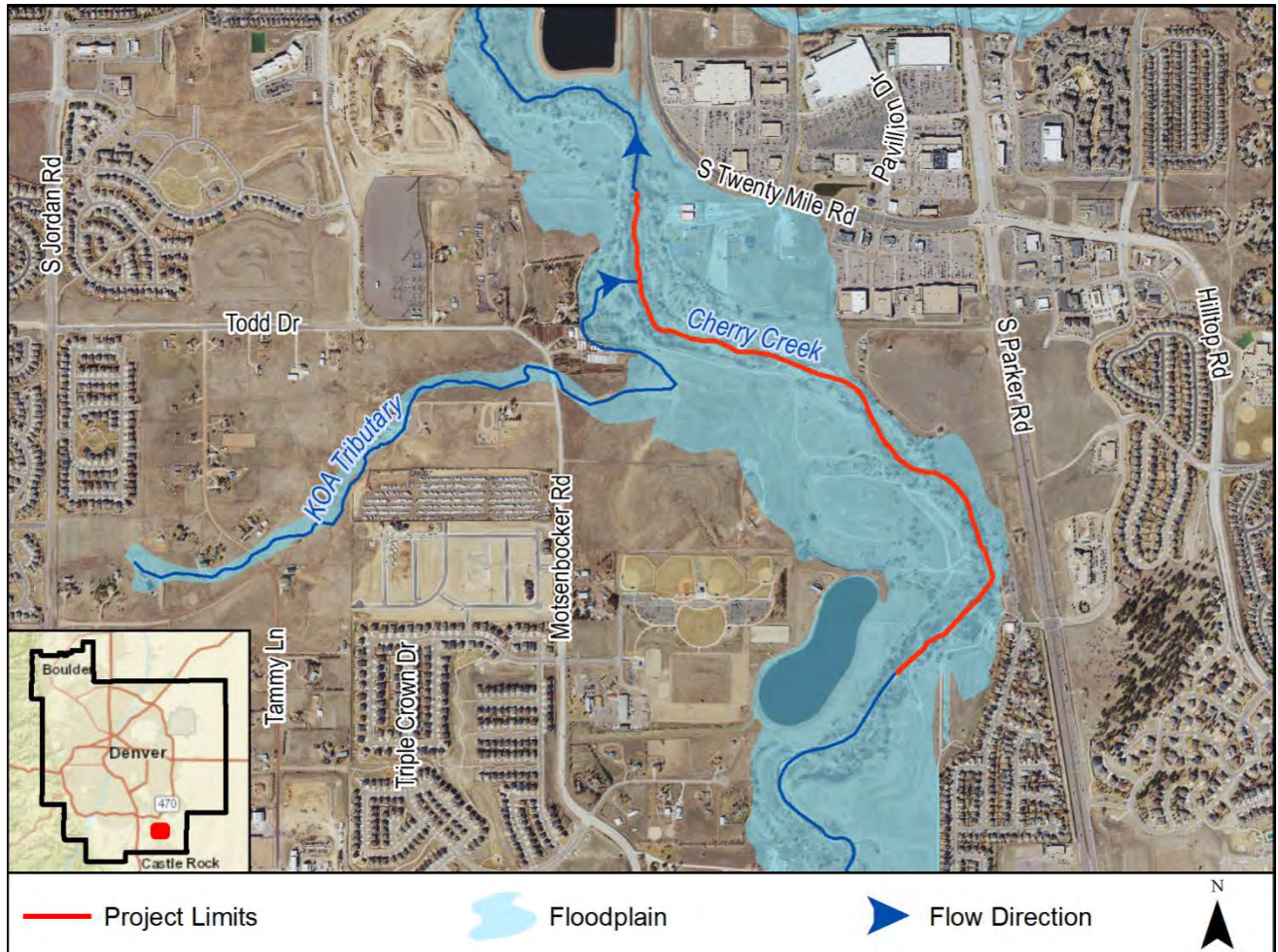
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 12, SERIES OF 2019

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

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 13, SERIES OF 2019

(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Coal Creek from McCaslin Boulevard to Highway 36, Town of Superior, Boulder County)

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

WHEREAS, the Town of Superior has enacted floodplain regulations; and

WHEREAS, the Town of Superior and the District cooperated in the preparation of "Coal Creek and Rock Creek Major Drainageway Plan," dated October 2014, which recommends improvements on Coal Creek from McCaslin Boulevard to Highway 36; and

WHEREAS, the Board previously authorized \$696,243 for the Coal Creek from McCaslin Boulevard to Highway 36 project (Table 1); and

Table 1
Coal Creek from McCaslin Boulevard to Highway 36
Previous Authorizations

Resolution No.	Series of	District Authorization	Local Share	Work Elements
44	2018	\$696,243	\$696,243	Design and Construction Funding
TOTAL		\$696,243	\$696,243	

WHEREAS, the Town of Superior and the District now desire to construct improvements along Coal Creek from McCaslin Boulevard to Highway 36 (Exhibit A); and

WHEREAS, the District's additional participation being authorized by this resolution is \$110,000 to be at least matched by the Town of Superior; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019 which includes funds for construction of drainage and flood control improvements along Coal Creek from McCaslin Boulevard to Highway 36; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for the improvements along Coal Creek from McCaslin Boulevard to Highway 36.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 44, Series of 2018, Paragraph 3, is amended as follows:
"The District's maximum contribution to the Coal Creek from McCaslin Boulevard to Highway 36 project without prior approval of the Board shall be ~~\$696,243~~ **\$806,243** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the Town of Superior."
2. All other conditions and authorizations remain as stated in Resolution No. 44, Series of 2018.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

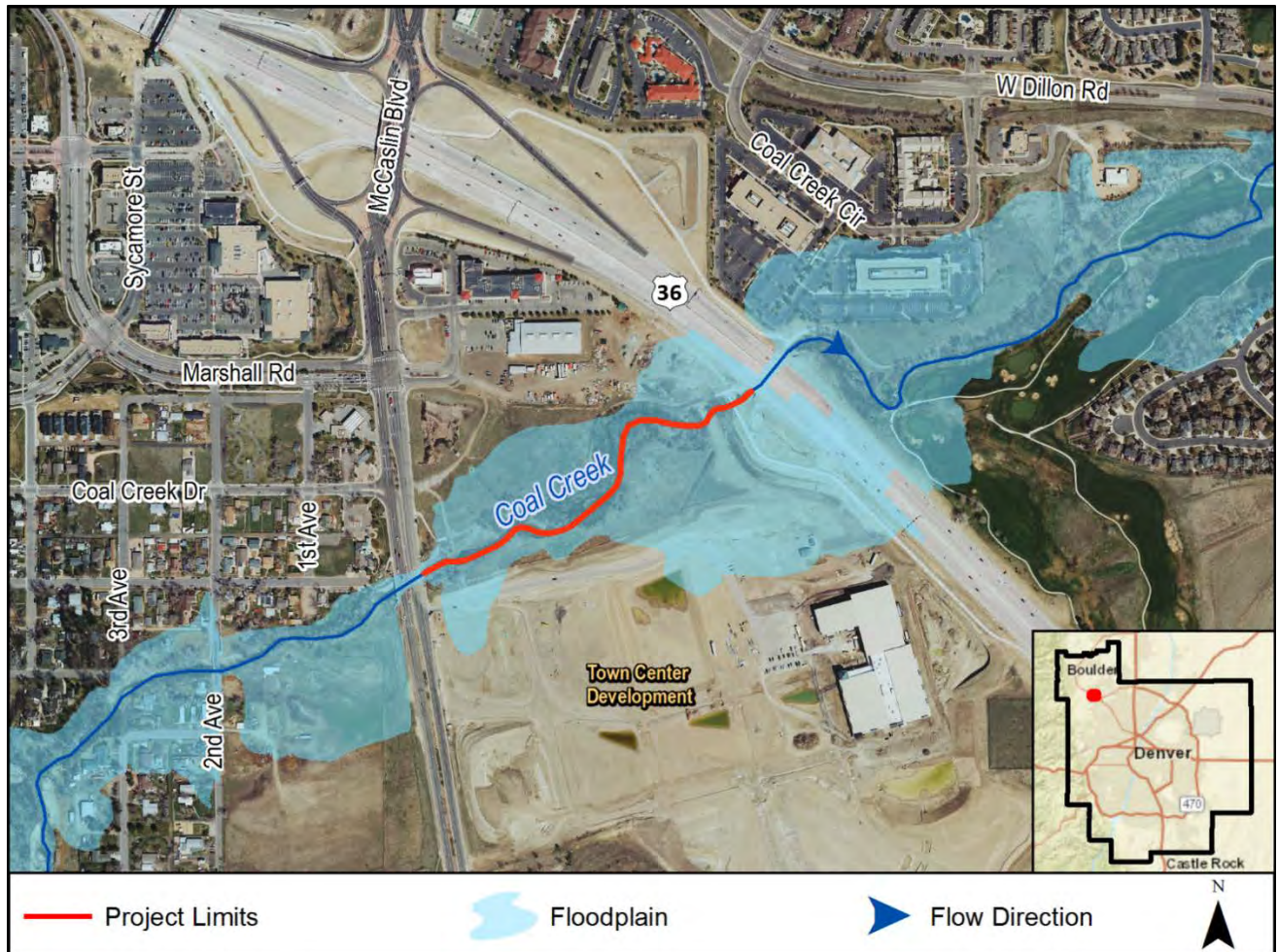
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 13, SERIES OF 2019

(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Coal Creek from McCaslin Boulevard to Highway 36, Town of Superior, Boulder County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 14, SERIES OF 2019 (Additional Authorization to Participate in Drainage and Flood Control Improvements on Hoffman Drainageway, Adams County)

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

WHEREAS, Adams County has enacted floodplain regulations; and

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

WHEREAS, the Board previously authorized \$350,000 for the Hoffman Drainageway project (Table 1); and

Table 1
Hoffman Drainageway
Previous Authorizations

Resolution No.	Series of	District Authorization	Local Share	Work Elements
49	1997	\$150,000	\$802,500	Design
38	2016	\$200,000	\$6,003,935	Design, Right-of-Way Purchases, and Construction Funding
TOTAL		\$350,000	\$6,806,435	

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

WHEREAS, the District's additional participation being authorized by this resolution is \$300,000 to be at least matched by Adams County; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019 which includes funds for construction of drainage and flood control improvements along Hoffman Drainageway; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for the improvements along Hoffman Drainageway.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 49, Series of 1997, Paragraph 3, is further amended as follows:
"The District's maximum contribution to the Hoffman Drainageway project without prior approval of the Board shall be ~~\$350,000~~ **\$650,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Adams County."
2. All other conditions and authorizations remain as stated in Resolution No. 49, Series of 1997.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

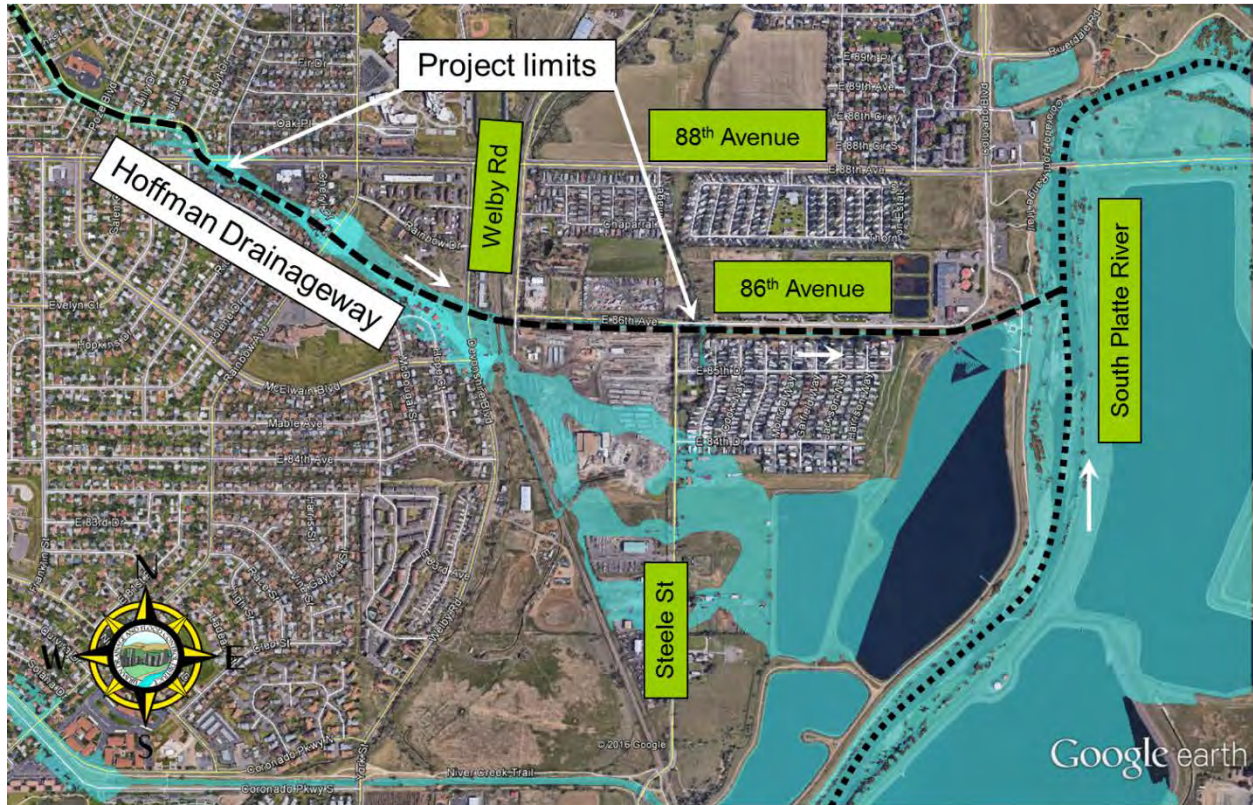
Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 14, SERIES OF 2019
(Additional Authorization to Participate in Drainage and Flood Control Improvements
On Hoffman Drainageway, Adams County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 15, SERIES OF 2019

(Additional Authorization to Participate in Drainage and Flood Control Improvements
on the South and Middle Branches of Hylands Creek, Upstream and Downstream 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 Board previously authorized \$963,000 for the South and Middle Branches of Hylands Creek upstream and downstream of 104th Avenue project (Table 1); and

Table 1
South and Middle Branches of Hylands Creek Upstream and Downstream of 104th Avenue
Previous Authorizations

Resolution No.	Series of	District Authorization	Local Share	Work Elements
77	2016	\$200,000	\$200,000	Design, Right-of-Way Purchases, and Construction Funding
62	2017	\$378,000	\$378,000	Right-of-Way Purchases and Construction Funding
31	2018	\$200,000	\$200,000	Right-of-Way Purchases and Construction Funding
62	2018	\$185,000	\$185,000	Construction Funding
TOTAL		\$963,000	\$963,000	

WHEREAS, the City of Westminster and the District now desire to construct improvements along the South and Middle Branches of Hylands Creek upstream and downstream of 104th Avenue (Exhibit A); and

WHEREAS, the District's additional participation being authorized by this resolution is \$150,000 to be at least matched by the City of Westminster; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019 which includes funds for construction of drainage and flood control improvements along the South and Middle Branches of Hylands Creek upstream and downstream of 104th Avenue; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for the improvements along the South and Middle Branches of Hylands Creek upstream and downstream of 104th Avenue.

NOW, THEREFORE, BE IT RESOLVED THAT:

- Resolution No. 77, Series of 2016, Paragraph 3, is further amended as follows:
"The District's maximum contribution to the South and Middle Branches of Hylands Creek upstream and downstream of 104th Avenue project without prior approval of the Board shall be ~~\$963,000~~ **\$1,113,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Westminster."
- All other conditions and authorizations remain as stated in Resolution No. 77, Series of 2016.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

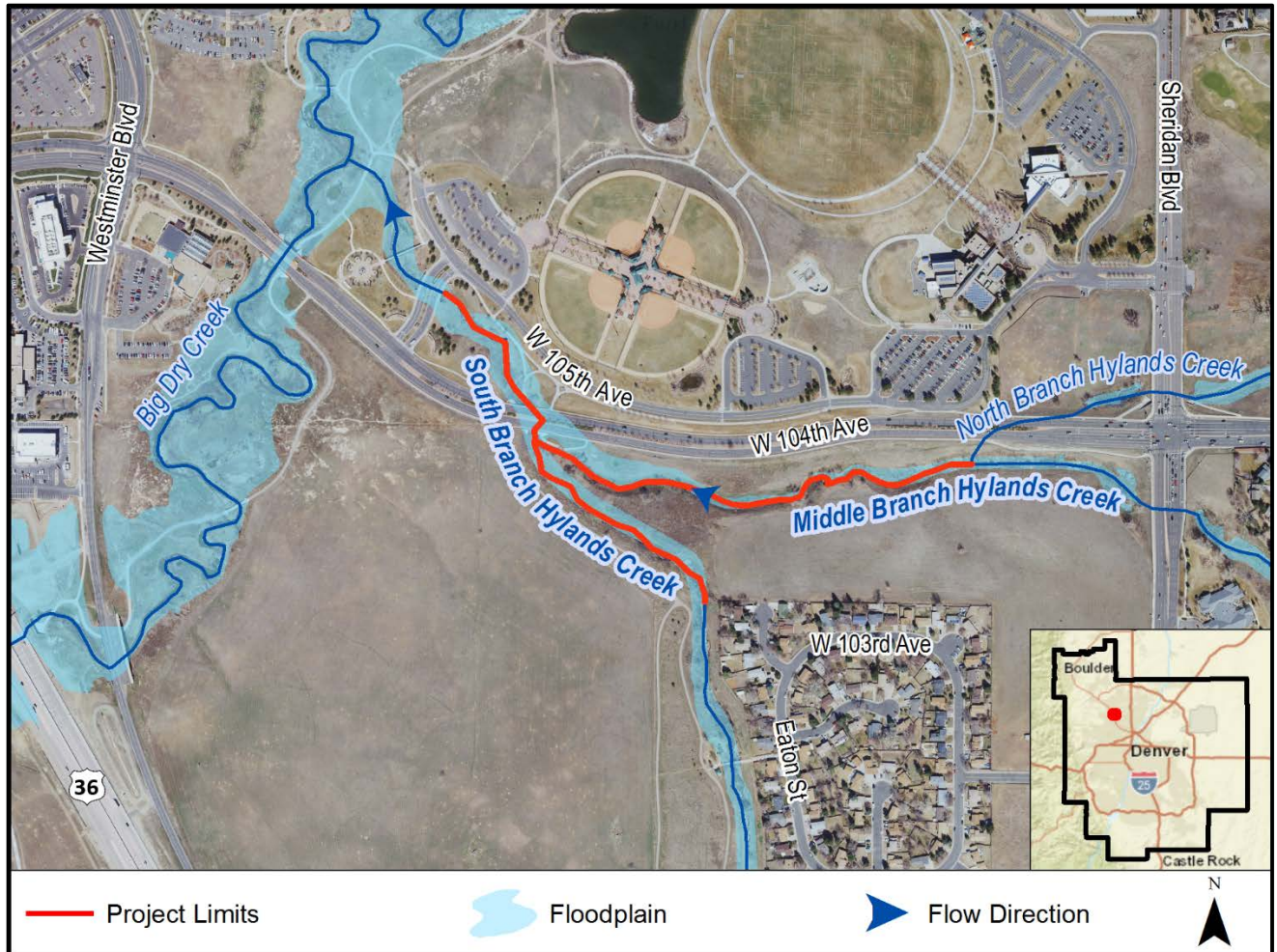
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 15, SERIES OF 2019

(Additional Authorization to Participate in Drainage and Flood Control Improvements
on the South and Middle Branches of Hylands Creek, Upstream and Downstream of 104th Avenue,
City of Westminster, Jefferson County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 16, SERIES OF 2019 (Additional Authorization to Participate in Drainage and Flood Control Improvements on Timbers Creek Downstream of Fox Sparrow Road, Douglas County)

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

WHEREAS, Douglas County has enacted floodplain regulations; and

WHEREAS, Douglas County and the District cooperated in the preparation of "Kinney Creek and Fonder Draw Watersheds Outfall Systems Planning Conceptual Preliminary Design Report," dated December 2004; and

WHEREAS, the Board previously authorized \$50,000 for the Timbers Creek downstream of Fox Sparrow Road project (Table 1); and

Table 1
Timbers Creek Downstream of Fox Sparrow Road
Previous Authorizations

Resolution No.	Series of	District Authorization	Local Share	Work Elements
34	2017	\$50,000	\$100,000	Design and Construction Funding
TOTAL		\$50,000	\$100,000	

WHEREAS, Douglas County, High Prairie Farms Metro District, and the District now desire to construct improvements along Timbers Creek downstream of Fox Sparrow Road (Exhibit A); and

WHEREAS, the District's additional participation being authorized by this resolution is \$125,000 to be at least matched by Douglas County and High Prairie Farms Metro District; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019 which includes funds for construction of drainage and flood control improvements along Timbers Creek downstream of Fox Sparrow Road; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for the improvements along Timbers Creek downstream of Fox Sparrow Road.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 34, Series of 2017, Paragraph 3, is amended as follows:
"The District's maximum contribution to the Timbers Creek Downstream of Fox Sparrow Road project without prior approval of the Board shall be ~~\$50,000~~ **\$175,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Douglas County and High Prairie Farms Metro District."
2. All other conditions and authorizations remain as stated in Resolution No. 34, Series of 2017.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

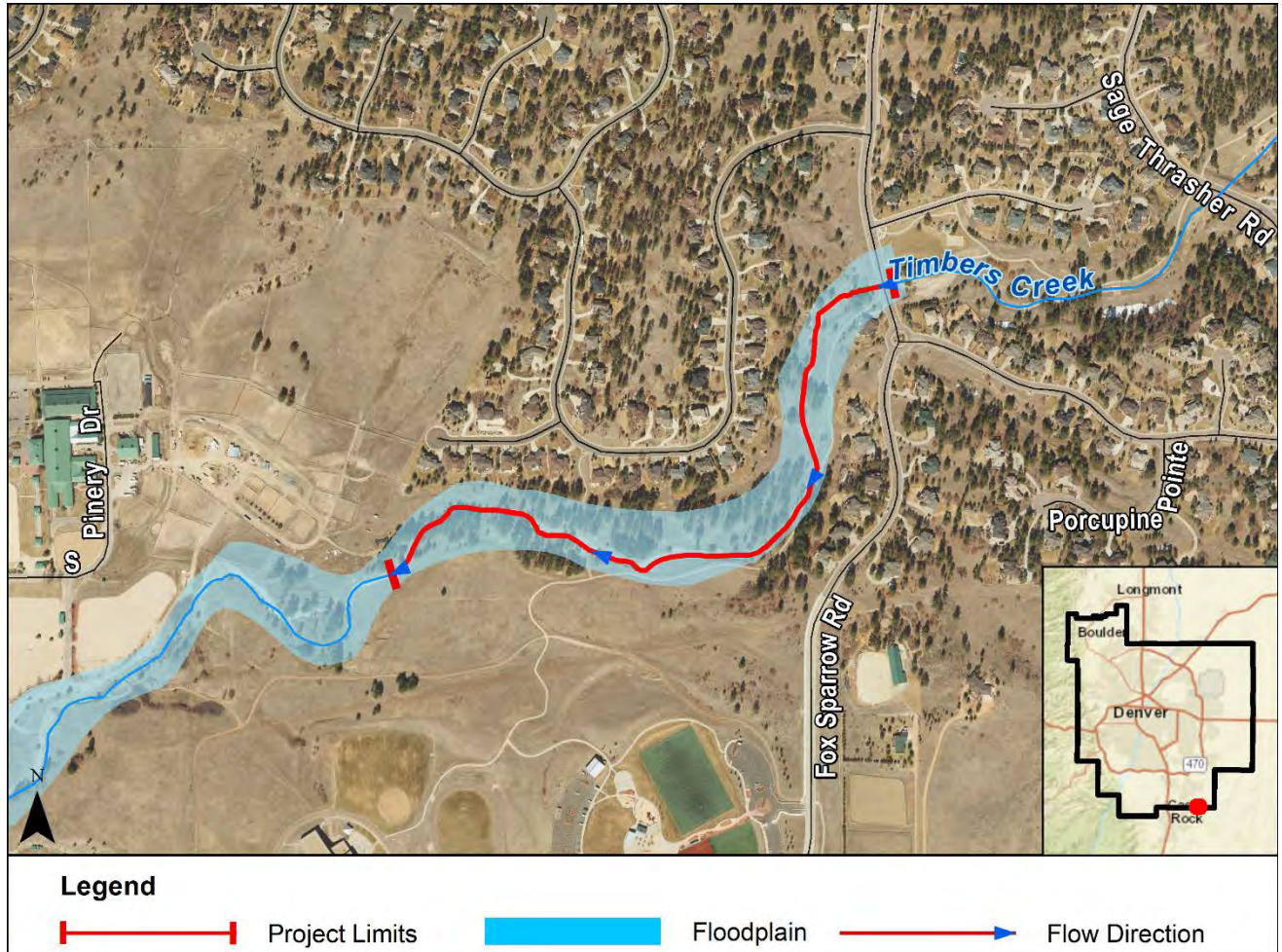
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 16, SERIES OF 2018

(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Timbers Creek Downstream of Fox Sparrow Road, Douglas County)

EXHIBIT A





URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

REVISED

BOARD OF DIRECTORS MEETING

Date: Thursday, March 21, 2019

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. Jon Villines, Project Engineer, Watershed Services
- b. Awards/Recognitions
 - i. Excellence in Financial Reporting – Government Finance Officers Association (GFOA)

3. Roll Call – Determination of Quorum

4. Presentation of 2018 Audit – Discussion

- a. Janeen Hathcock, CPA, Eide Bailly, LLP
Kim Higgins, CPA, Eide Bailly, LLP

5. Committee Reports

6. Approval of February 1, 2019 Meeting Minutes

(If there are no corrections “Minutes stand approved”, or with corrections “Minutes stand approved as corrected”)

7. Presentation Agenda

(Each resolution will, after introduction and presentation from District staff, be placed on the Consent Agenda unless a request is made by a Board Member for action upon the resolution separately)

- a. Authorization to Participate in a Planning Study of Jackass Gulch
(Resolution No. 17, Series of 2019)
- b. Authorization to Participate in a Planning Study of Van Bibber Creek
(Resolution No. 18, Series of 2019)
- c. Authorization to Participate in a Planning Study of Greenwood Village
(Resolution No. 19, Series of 2019)
- d. Acceptance of Flood Hazard Area Delineation Report for Sanderson Gulch
(Resolution No. 20, Series of 2019)
- e. Acceptance of Flood Hazard Area Delineation Report for Third Creek
(Resolution No. 21, Series of 2019)
- f. Authorization to Participate in Drainage and Flood Control Improvements on Sand Creek – Baranmor Ditch at Zion Street and Billings Street, City of Aurora, Adams County
(Resolution No. 22, Series of 2019)
- g. Authorization to Participate in Drainage and Flood Control Improvements on Dutch Creek at Coal Mine Road, Jefferson County
(Resolution No. 23, Series of 2019)
- h. Authorization to Participate in Drainage and Flood Control Improvements on Fairgrounds Tributary Downstream of Uinta Street, City of Thornton, Adams County
(Resolution No. 24, Series of 2019)
- i. Authorization to Participate in Drainage and Flood Control Improvements on Grange Hall Creek Tributary Northeast from York Street to 112th Avenue, City of Thornton, Adams County
(Resolution No. 25, Series of 2019)

- j. Authorization to Participate in Drainage and Flood Control Improvements on Todd Creek from E-470 to Quebec Street, City of Thornton, Adams County (Resolution No. 26, Series of 2019)
- k. Authorization to Participate in Drainage and Flood Control Improvements on Weaver Creek at Swarthmore Avenue, Jefferson County (Resolution No. 27, Series of 2019)
- l. Authorization to Participate in Drainage and Flood Control Improvements on Goldsmith Gulch West Tributary at Fair Avenue, City of Greenwood Village, Arapahoe County (Resolution No. 28, Series of 2019)

8. 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 of a specific resolution for a presentation by District Staff or discussion)

- a. Review of Cash Disbursements
- b. Additional Authorization to Participate in Drainage and Flood Control Improvements on the 22nd Avenue Outfall to Westerly Creek, City of Aurora, Adams County (Resolution No. 29, Series of 2019)
- c. 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. 30, Series of 2019)
- d. Additional Authorization to Participate in Drainage and Flood Control Improvements on Nissen Reservoir Drainageway, Lowell Boulevard to Tennyson Street, City and County of Broomfield (Resolution No. 31, Series of 2019)
- e. 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. 32, Series of 2019)
- f. Additional Authorization to Participate in Drainage and Flood Control Improvements on Littles Creek at Gallup Street, City of Littleton, Arapahoe County (Resolution No. 33, Series of 2019)
- g. Additional Authorization to Participate in Drainage and Flood Control Improvements on Platte Farm Open Space Detention Basin, City and County of Denver (Resolution No. 34, Series of 2019)
- h. 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. 35, Series of 2019)
- i. Additional Authorization to Participate in Drainage and Flood Control Improvements on Van Bibber Creek at McIntyre Street, Jefferson County (Resolution No. 36, Series of 2019)
- j. Acceptance of 2018 Audit Report (Resolution No. 37, Series of 2019)

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

10. Reports/Discussion

- a. Executive Director's Report
- b. Project Showcase

11. Announcements

- a. UDFCD Board of Directors Rebranding Meeting
Wednesday, March 27, 2019 at 3:00 pm
- b. UDFCD Annual Seminar:
Tuesday, April 2, 2019 from 8 am to 4 pm
Omni Interlocken Hotel
500 Interlocken Boulevard, Broomfield, CO
- c. Next Regularly Scheduled Meeting: **Thursday, April 18, 2019**

12. Adjournment



URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

BOARD OF DIRECTORS MEETING Meeting Minutes February 1, 2019

Board Members Present:

Randy Ahrens	Mayor, City/County of Broomfield
Herb Atchison	Mayor, City of Westminster
Stacie Gilmore	Council Member, City/County of Denver
Mark Hunter	Engineer
Matt Jones	Commissioner, Boulder County
Paul Kashmann	Council Member, City/County of Denver
Paul López	Council Member, City/County of Denver
John Marriott	Mayor Pro Tem, City of Arvada
Adam Paul	Mayor, City of Lakewood
Stephanie Piko	Mayor, City of Centennial
Murphy Robinson	Deputy Mayor, City/County of Denver
Bob Roth	Mayor Pro Tem, City of Aurora
Dave Sellards	Engineer
Nancy Sharpe	Commissioner, Arapahoe County
Bud Starker	Mayor, City of Wheat Ridge
Libby Szabo	Commissioner, Jefferson County
Chaz Tedesco	Commissioner, Adams County
Lora Thomas	Commissioner, Douglas County
Sam Weaver	Mayor Pro Tem, City of Boulder
Heidi Williams	Mayor, City of Thornton

Board Members Absent:

Debbie Brinkman	Mayor, City of Littleton
Carol Dodge	Mayor, City of Northglenn

UDFCD Staff Present:

Ken MacKenzie	Executive Director
Kurt Bauer	Project Manager, Stream Services
Dave Bennetts	Program Manager, Operations and Development
Jordan Cundiff	Records Systems Administrative Assistant
Amelia Deleon	Human Resources Manager
Terri Fead	Floodplain Manager, Watershed Services
Dan Hill	Engineering Technologist, Watershed Services
Katie Kerstiens	Student Intern, Stream Services
Laura Kroeger	Manager, Stream Services
Morgan Lynch	Project Manager, Watershed Services
Kelsey Mehan	Office Coordinator
Dana Morris	Engineering Technologist, Watershed Services
Teresa Patterson	Project Manager, Watershed Services
Holly Piza	Standards Development Manager, Operations and Development
Derrick Schauer	IS Network Administrator, Flood Warning and Information Services
Mark Schutte	Engineering Technologist, Stream Services
Brooke Seymour	Project Manager, Watershed Services
Jason Stawski	Senior Construction Manager, Stream Services
Kevin Stewart	Program Manager, Flood Warning and Information Services
Shea Thomas	Program Manager, Watershed Services
Jim Watt	Project Manager, Watershed Services

Others Present:

Ed Krisor

Legal Counsel

How the District Works - Strategic Maintenance for Stream Health

Mrs. Teresa Patterson, Project Manager, Watershed Services, conducted a presentation on "Strategic Maintenance for Stream Health".

1. Call to Order and Pledge of Allegiance - 1:00 pm

Commissioner Libby Szabo called the meeting to order at 1:00 pm.

2. Introductions

a. Swearing in of New Board Members

Mr. Ken MacKenzie introduced six new board members in attendance:

- Commissioner Matt Jones, Boulder County
- Mayor Stephanie Piko, City of Centennial
- Deputy Mayor Murphy Robinson, City and County of Denver
- Mayor Pro Tem Bob Roth, City of Aurora
- Commissioner Lora Thomas, Douglas County
- Mayor Pro Tem Sam Weaver, City of Boulder

The new board members were sworn in by Mr. Ed Krisor. Mr. MacKenzie welcomed them to the District.

b. Visitors/Guests/Staff

Mr. MacKenzie introduced three new employees:

- Kurt Bauer, Project Manager
- Dan Hill, Engineering Technologist
- Mark Schutte, Engineering Technologist

3. Roll Call – Determination of Quorum

Roll was called and a quorum was declared present.

4. Board of Directors Reappointment

a. Reappointment of Mr. Mark Hunter to Board of Directors (Resolution No. 1, Series of 2019)

Mr. MacKenzie stated that Mr. Mark Hunter is willing to be reappointed to the Board of Directors. The District is honored for his continued support as a member of our Board of Directors. Resolution No. 01, Series of 2019, would reappoint Mr. Hunter to a two-year term through January 31, 2021. The Board motioned and approved Resolution No. 01, Series of 2019.

5. Approval of December 20, 2018 Meeting Minutes *(If there are no corrections "Minutes stand approved", or with corrections "Minutes stand approved as corrected")*

Commissioner Szabo asked if there were any corrections to the December 20, 2018 minutes. Hearing none, the minutes were approved as submitted.

6. Presentation Agenda *(Each resolution will, after introduction and presentation from District staff, be placed on the Consent Agenda unless a request is made by a Board Member for action upon the resolution separately.)*

a. Authorization to Participate in a Planning Study of Direct Flow Area (DFA) 0054 (Resolution No. 02, Series of 2019)

In 2014, the City of Thornton requested a major drainageway and flood hazard area delineation (FHAD) study for Direct Flow Area (DFA) 0054. Adams County agreed to participate in the study as a funding sponsor. Previous UDFCD studies of DFA 0054 include:

- "Major Drainageway Planning Direct Flow Area 0054," (Merrick, 1980)

The previous master plan included recommendations that are no longer in line with current stream management practices, such as concrete trickle channels and engineered trapezoidal channels. In addition, some of the streams in the watershed were not studied in the previous master plan. There could be a significant amount of development in portions of the watershed and the local governments need to understand the flood risk to help guide development. The master planning costs are projected to be \$160,000 with the local sponsors contributing \$80,000.

Resolution No. 02 authorizes \$80,000 of District funds from the General Fund to be at least matched by the City of Thornton and Adams County for the planning study.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 02 on the Consent Agenda.

b. Authorization to Participate in a Floodplain Mapping Study for First Creek
(Resolution No. 03, Series of 2019)

In 2018, the City of Commerce City requested an update to the Flood Hazard Area Delineation (FHAD) study for First Creek. Adams County, the City and County of Denver, and the City of Aurora agreed to participate in the study as funding sponsors. Previous UDFCD studies of First Creek include:

- "Flood Hazard Area Delineation Lower First Creek and DFA 0055," (Turner Collie & Braden, 2002)
- "Flood Hazard Area Delineation First Creek (Upstream of Buckley Road)," (Moser, 2011)

The City of Commerce City and UDFCD coordinated on a maintenance eligibility project for which a developer was preparing a Letter of Map Revision (LOMR) for the portion of First Creek crossing their property. During the process, concerns were raised with the effective floodplain and the associated model as well as the feasibility of implementing the recommended improvements in the master plan. As a result, the Federal Emergency Management Agency (FEMA), the City of Commerce City, and UDFCD concurred that the floodplain for First Creek should be restudied as soon as possible to more accurately assess the flood risk associated with the creek. New hydrology will be developed with this effort, which the sponsors will fund. It is anticipated that an update to the master plan will follow this FHAD update. The FHAD costs are projected to be \$200,000 with the local sponsors contributing \$50,000.

Resolution No. 03 authorizes \$150,000 of District funds from the General Fund to be at least matched by Adams County, the City of Commerce City, the City and County of Denver, and the City of Aurora for the floodplain mapping study.

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

c. Acceptance of High Line Canal Planning Study
(Resolution No. 04, Series of 2019)

The District partnered with Douglas County, the City of Aurora, Cherry Hills Village, the Southeast Metro Stormwater Authority (SEMSWA), Greenwood Village, the City of Littleton, the City and County of Denver, and Denver Water to fund the High Line Canal planning study. RESPEC was selected to perform the study.

The High Line Canal is an irrigation water supply ditch owned and operated by Denver Water. Denver Water is preparing to terminate delivery along the canal. The bordering communities value the 71-mile long corridor for its vegetation and use as a recreational amenity.

The goals of the study were to determine how to best introduce stormwater into the canal to maintain the vegetation once water delivery terminates, while minimizing flood risk to adjacent properties.

Recommended improvements include:

- Formalized spill locations back to streams to prevent uncontrolled bank overtopping
- Berms across the canal to provide water quality before water is released back to a stream
- Opportunities for new storm sewers to discharge into the canal
- A guide to instrumentation and triggers for releasing flows to a stream during a storm event

The primary benefit of the study is the operational hydrologic model that will be managed by UDFCD and used to approve future proposed uses of the canal. The total cost of improvements recommended in the study is over \$12 million.

Resolution No. 04 accepts the report and recommends the improvements and practices described in the report be used as a guide in future public works projects and in land development activities.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 04 on the Consent Agenda.

d. Acceptance of 54th Avenue and Pecos Street Area Planning Study
(Resolution No. 05, Series of 2019)

Resolution No. 18, Series of 2016 authorized an outfall systems planning study for drainage issues within the 54th Avenue and Pecos Street Area watershed. The District partnered with Adams County to fund the study. Jacobs was selected to perform the study.

The 54th Avenue and Pecos Street Area watershed is located in the vicinity of the Interstate 25 and Interstate 76 intersection in Adams County. The watershed is 4.1 square miles and drains to the right bank of Clear Creek and left bank of the South Platte River. The goal of the study was to minimize flood risk to businesses and properties. The total cost of improvements recommended in the study is \$15,877,386. Recommended improvements include:

- New and upsized storm sewer network
- Upsized outfalls to Clear Creek at Pecos Street and York Street
- Upsized channels along W 66th Avenue and I-76 near Broadway

Resolution No. 05 accepts the report and recommends the improvements and practices described in the report be used as a guide in future public works projects and in land development activities.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 05 on the Consent Agenda.

e. Authorization to Participate in Drainage and Flood Control Improvements
on Horizon Tributary from Monaco to Niagara, City of Thornton, Adams County
(Resolution No. 06, Series of 2019)

The City of Thornton and the District cooperated in the preparation of "Brantner Gulch Northern Tributary Watersheds Major Drainageway Planning Study Preliminary Design Report," dated April 1998; which recommends improvements on Horizon Tributary. Lennar Colorado LLC is developing the area along Horizon Tributary from Monaco to Niagara in the City of Thornton. The development is called Amber Creek and consists of approximately 160 acres. The site is being developed for mixed residential and commercial use.

The City of Thornton, as part of their land development approval process, requires the master planned improvements to be implemented. The improvements include improved regional trail crossings to prevent damage and overtopping in the 100-year flood.

The City of Thornton and Lennar Colorado LLC have requested that the District manage the design and construction of improvements required by the City of Thornton as a result of a development in lieu of Lennar Colorado LLC designing and constructing those improvements along Horizon Tributary from Monaco to Niagara. Preliminary project costs are estimated to be \$500,000.

Resolution No. 06 authorizes the District to collect funds from Lennar Colorado LLC and deposit those funds into the Development Services Enterprise 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. 06 on the Consent Agenda.

- f. Authorization to Participate in Drainage and Flood Control Improvements on Todd Creek Tributary 2 from Monaco Street to Quebec Street, City of Thornton, Adams County (Resolution No. 07, Series of 2019)

The City of Thornton and the District cooperated in the preparation of "Todd Creek and DFA 0052 Watersheds Outfall Systems Planning Study Preliminary Design Report," dated December 2003 which recommends improvements on Todd Creek Tributary 2 from Monaco Street to Quebec Street. Talon Pointe Land LLC is developing the area along Todd Creek Tributary 2 from Monaco Street to Quebec Street in the City of Thornton. The development is called Talon Pointe and consists of approximately 155 acres. The site is being developed for single family and public school use.

The City of Thornton, as part of their land development approval process, requires the master planned improvements to be implemented. The improvements include stream improvements to protect the new neighborhood from flood risk and mitigation for the impacts of urbanization.

The City of Thornton and Talon Pointe Land LLC have requested that the District manage the design and construction of improvements required by the City of Thornton as a result of a development in lieu of Talon Pointe Land LLC designing and constructing those improvements along Todd Creek Tributary 2 from Monaco Street to Quebec Street. Preliminary project costs are estimated to be \$1,500,000.

Resolution No. 07 authorizes the District to collect funds from Talon Pointe Land LLC and deposit those funds into the Development Services Enterprise 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. 07 on the Consent Agenda.

7. Consent Agenda

Mr. MacKenzie announced that the agenda items under the Consent Agenda would not include presentations. Mr. MacKenzie asked the Board if they had any questions regarding any of the resolutions included on the Consent Agenda. There being no further comments or questions, it was the consensus of the Board to place Resolutions 08 through 16 on the Consent Agenda.

- a. Review of Cash Disbursements
The Cash Disbursement list, dated December 2018 and January 2019, has been distributed to the Board for review. There being no further comments or questions, it was the consensus of the Board to include approval of the Cash Disbursements on the Consent Agenda.
- b. Designation of Public Place for Posting of Meeting Notices
(Resolution No. 08, Series of 2019)
- c. Audit and Finance Committee
(Resolution No. 09, Series of 2019)
- d. Authorization to Lobby the Colorado State Legislature to Update 32-11-212 CRS: Compensation of Directors
(Resolution No. 10, Series of 2019)
- e. Additional Authorization to Participate in Drainage and Flood Control Improvements on North Outfall at Midland Street in the City of Brighton, Adams County
(Resolution No. 11, Series of 2019)
- f. Additional Authorization to Participate in Drainage and Flood Control Improvements on Cherry Creek at the KOA Property, Town of Parker, Douglas County
(Resolution No. 12, Series of 2019)
- g. Additional 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. 13, Series of 2019)

- h. Additional Authorization to Participate in Drainage and Flood Control Improvements on Hoffman Drainageway, Adams County (Resolution No. 14, Series of 2019)
- i. Additional Authorization to Participate in Drainage and Flood Control Improvements on the South and Middle Branches of Hylands Creek, Upstream and Downstream of 104th Avenue, City of Westminster, Jefferson County (Resolution No. 15, Series of 2019)
- j. Additional Authorization to Participate in Drainage and Flood Control Improvements on Timbers Creek Downstream of Fox Sparrow Road, Douglas County (Resolution No. 16, Series of 2019)

8. Vote on Approval of the Consent Agenda

It was the consensus of the Board that Resolutions No. 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, and 16, Series of 2019, and Review of Cash Disbursements dated December 2018 and January 2019, be placed on the Consent Agenda. Commissioner Szabo moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

9. Reports/Discussions

a. Executive Director's Report

Leadership Team – Mr. MacKenzie introduced the District's management team, including:

- Mr. Dave Bennetts, Operations Development
- Ms. Amelia Deleon, Human Resources
- Mrs. Laura Kroeger, Stream Services
- Mrs. Terri Schafer, Finance & Accounting
- Mr. Kevin Stewart, Flood Warning & Information Services
- Mrs. Shea Thomas, Watershed Services

Property Tax Revenue – A graphic illustrating the comparison of property tax revenue between 2018, 2019, and projections for 2020 was presented.

2018	2019	2020 (projected)
\$29M	\$43M	\$57M
Mill = 0.56	Mill = 0.82	Mill = 0.1.0

The passing of ballot measure 7G allows the District to fund more capital and maintenance projects, flood warning, watershed planning, and floodplain mapping.

Budget Update – A chart illustrating the 2019 budget broken down by category was presented to the Board. Mr. MacKenzie explained that he will provide the Board with an update on the budget at each Board Meeting.

32-11-206. Organizational Meetings – UDFCD's statutory requirement states that the first board meeting of the year shall take place on the first business day in February. Commissioner Szabo requested that we lobby the Colorado State Legislature for changes to statute 32-11-206, changing the requirement to be the third Thursday in January.

Mr. Ed Krisor, Legal Counsel, advised it would be appropriate to request the Colorado State Legislature to repeal the section of the statute regarding the first board meeting of the year. Mr. MacKenzie added that this would be a companion bill to the one we are proposing to change the District's director meeting compensation provisions (Resolution No. 10, Series 2019, Authorization to Lobby the Colorado State Legislature to Update 32-11-212 CRS: Compensation of Directors).

Commissioner Matt Jones suggested that we place both on the same bill. Mr. MacKenzie will look into this option.

b. Project Showcase

Mr. David Skuodas, Project Manager, Stream Services, conducted a presentation on the Wonderland Creek Project. Highlights include:

- The project was one mile long, and included six new road crossings, a relocated water supply ditch, and a new bridge and trail underpass at the BNSF railroad tracks.
- The project took 10 years to plan, design, and construct, at a cost of around \$30 million, with the District contributing around \$2.6 million.
- The project required around 50 easements from over two dozen property owners, with one single family home being purchased and demolished.
- The project reduced the 100-year flood risk for 450 dwelling units.

10. Announcements

a. Next Board Meeting: Thursday, March 21, 2019

The next regularly scheduled Board meeting will take place on Thursday, March 21, 2019.

b. Annual Seminar: Tuesday, April 2, 2019

The annual seminar will take place on Tuesday, April 2, 2019 from 8 a.m. to 4 p.m. at the Omni Interlocking Hotel in Broomfield. The UDFCD Annual Seminar is an all-day event featuring presentations by UDFCD staff and research partners. All Board Members are encouraged to attend, free of charge. Additional information will be made available to the Board as soon as it is available.

11. Adjournment

Commissioner Szabo adjourned the meeting at 1:53 p.m.

Table 1
Individual Project Additional Authorizations

A	B	C	D	E	F	G	H	I	J
Project Name	Original Resolution	Additional 2019 District Funding	Previous Maximum District Contribution	New Maximum District Contribution	Local Government Partners	Design % Complete	Construction % complete or year when start	Total Project Costs	Authorized
ADAMS COUNTY									
*Grange Hall Creek at Washington	No. 46 Series of 2008	\$200,000	\$1,545,000	\$1,745,000	Northglenn	75%	75%	\$6,800,000	
*North Outfall	No. 4 Series of 2006	\$120,000	\$1,630,00	\$1,750,000	Brighton	50%	50%	\$10,500,000	02/19
*Dahlia Street Outfall	No. 50, Series of 2018	\$375,000	\$75,000	\$450,000	Adams	90%	2019	\$4,000,000	
Hoffman Drainageway 88 th to Steele	No. 49, Series of 1997	\$300,000	\$350,000	\$650,000	Adams	85%	85%	\$9,000,000	02/19
22 nd Ave Outfall to Westerly Creek	No. 43, Series of 2018	\$200,000	\$300,000	\$500,000	Aurora			\$1,000,000	03/19
ARAPAHOE COUNTY									
*First Creek Detention	No. 58, Series of 2009	\$400,000	\$3,049,000	\$3,449,000	Aurora	10%	TBD	\$12,000,000	03/19
*Little's Creek	No. 37, Series of 2015	\$250,000	\$250,000	\$500,000	Littleton	30%	2020	\$1,000,000	03/19
Easterly Creek – 1 st & Kenton	No. 15, Series of 2015	\$1,025,000	\$575,000	\$1,600,000	Aurora	100%	10%	\$7,402,000	03/19
Greenwood Gulch at Quincy	No. 63, Series of 2017	\$100,000	\$100,000	\$200,000	Cherry Hills Village				
*Big Dry Creek b/w County Line and East Orchard	No. 57, Series 2018	\$250,000	\$50,000	\$300,000	SEMSWA	0%	Tbd	\$2,000,000	
BOULDER COUNTY									
*South Boulder Creek u/s HWY 36	No. 42, Series of 2018	\$200,000	\$120,000	\$320,000	City of Boulder	10%	2022	\$40,000,000	
*Gregory Canyon Creek – Arapahoe to Pennsylvania	No. 41, Series of 2018	\$400,000	\$250,000	\$650,000	City of Boulder	0%	TBD	\$12,000,000	

A	B	C	D	E	F	G	H	I	J
Project Name	Original Resolution	Additional 2019 District Funding	Previous Maximum District Contribution	New Maximum District Contribution	Local Government Partners	Design % Complete	Construction % complete or year when start	Total Project Costs	Authorized
Bullhead Gulch Drainage Underpass	No. 35, Series of 2016	\$400,000	\$100,000	\$500,000	Louisville	60%	2020	\$2,500,000	
Coal Creek – McCaslin to HWY 36	No. 58, Series of 2016	\$110,000	\$696,243	\$806,243	Superior	95%	25%	\$2,200,000	02/19
BROOMFIELD CITY & COUNTY									
*Nissen Reservoir Drainageway – Lowell to Tennyson	No. 45, Series of 2016	\$270,000	\$780,000	\$1,050,000	Broomfield	40%	2019	\$3,000,000	03/19
DENVER CITY & COUNTY									
*Cherry Creek Stabilization (Monaco to Illiff)	No. 31, Series of 2011	\$1,550,000	\$2,550,000	\$4,100,000	Denver	90%	2019	\$13,900,000	
Sanderson Gulch at the South Platte River	No. 12, Series of 2016	\$1,650,000	\$2,630,000	\$4,280,000	Denver	100%	50%	\$18,900,000	03/19
*Globeville OSP (49 th and Grant) Platte Farms	No. 18, Series of 2017	\$600,000	\$150,000	\$750,000	Denver	50%	2019	\$5,000,000	03/19
Marston Lake d/s Garrison Street	No. 68, Series of 2012	\$750,000	\$950,000	\$1,700,000	Denver	100%	2019	\$3,500,000	
DOUGLAS COUNTY									
*Timbers Creek d/s Fox Sparrow	No. 34, Series of 2017	\$125,000	\$50,000	\$175,000	Douglas	10%	2019	\$4,000,000 - \$5,000,000	02/19
*Happy Canyon Creek north of Lincoln	No. 54, Series of 2015	\$475,000	\$417,500	\$892,500	Douglas	5%	2020	\$3,000,000	
Dad Clark Gulch, Wild Iris Run	No. 58, Series of 2017	\$500,000	\$322,500	\$822,500	Highlands Ranch	30%	2019	\$1,500,000	
Cherry Creek at KOA	No. 33, Series of 2017	\$200,000	\$315,000	\$515,000	Parker	40%	2020	\$2,000,000	02/19
*West Big Dry Creek d/s Canongate Lane	No.70, Series of 2018	\$45,000	\$85,000	\$130,000	Highlands Ranch	100%	2019	\$260,000	

A	B	C	D	E	F	G	H	I	J
Project Name	Original Resolution	Additional 2019 District Funding	Previous Maximum District Contribution	New Maximum District Contribution	Local Government Partners	Design % Complete	Construction % complete or year when start	Total Project Costs	Authorized
JEFFERSON COUNTY									
*North Dry Gulch – Lamar to Teller	No. 65, Series of 2008	\$225,000	\$3,775,000	\$4,000,000	Lakewood	0%	TBD	\$11,000,000	
*Van Bibber Creek Crossing at McIntyre	No. 25, Series of 2016	\$300,000	\$1,248,000	\$1,548,000	Jefferson	100%	30%	\$3,500,000	03/19
South & Middle Hyland Creek u/s & d/s 104 th	No. 77, Series of 2016	\$350,000	\$963,000	\$1,313,000	Westminster	0%	2020	\$2,600,000	02/19
*Big Dry Creek – Sheridan to Standley Lake	No. 75, Series of 2016	\$125,000	\$300,000	\$425,000	Westminster	15%	TBD	\$1,600,000	
*Walnut Creek – US 36 to Wadsworth Pkwy	No. 53, Series of 2018	\$325,000	\$200,000	\$525,000	Westminster	0%	TBD	\$1,250,000	
Leyden Creek at Alkire Street	No. 43, Series of 2014	\$500,000	\$450,000	\$950,000	Arvada	90%	2019	\$1,900,000	

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 17, SERIES OF 2019 (Authorization to Participate in a Planning Study of Jackass Gulch)

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

WHEREAS, the City of Littleton has enacted floodplain regulations; and

WHEREAS, the Board has previously established a Work Program for 2019 (Resolution No. 66, Series of 2018) which includes master planning; and

WHEREAS, the Board previously cooperated with the City of Littleton in the preparation of "Lower Dad Clark Gulch and Direct Flow Area (DFA) 0068 Outfall Systems Planning," dated February 1991; and

WHEREAS, the City of Littleton has expressed a desire to participate in a study leading to a major drainageway plan for Jackass Gulch; and

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

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

Sponsor	Master Plan Contribution
UDFCD	\$50,000
Littleton	\$50,000
TOTAL	\$100,000

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute an agreement with the City of Littleton to fund the required engineering and mapping services for the Jackass Gulch planning study.
2. The Executive Director is authorized to enter into agreements with qualified engineers, surveyors, and others as necessary for preparation of the study.
3. The expenditures for the engineering and mapping services are estimated to be \$100,000 and the District's share of total costs shall not exceed \$50,000 plus interest earned on monies deposited in the project fund, which contribution for the planning portion of this project shall be at least matched by the City of Littleton.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 17, SERIES OF 2019
(Authorization to Participate in a Planning Study of Jackass Gulch)



EXHIBIT A
Jackass Gulch MDP
Approximate Study Limits
February 2019

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 18, SERIES OF 2019 (Authorization to Participate in a Planning Study of Van Bibber Creek)

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

WHEREAS, Jefferson County and the City of Arvada have enacted floodplain regulations; and

WHEREAS, the Board has previously established a Work Program for 2019 (Resolution No. 66, Series of 2018) which includes master planning; and

WHEREAS, the Board previously cooperated with Jefferson County and the City of Arvada in the preparation of "Lower Ralston/Van Bibber and Leyden Creeks Major Drainageway Planning Phase B Report," dated February 1986 and "Major Drainageway Planning Van Bibber Creek," dated March 1977; and

WHEREAS, Jefferson County and the City of Arvada have expressed a desire to participate in a study leading to a major drainageway plan for Van Bibber Creek; and

WHEREAS, the Board wishes to cooperate with Jefferson County and the City of Arvada in the identification of solutions to stormwater drainage and flood control management problems for Van Bibber Creek within the District's boundary (Exhibit A); and

WHEREAS, the cost of engineering and mapping services for the study is estimated to be \$200,000 and is expected to be divided among participating entities as follows:

Sponsor	Master Plan Contribution
UDFCD	\$100,000
Jefferson Co	\$80,000
Arvada	\$20,000
TOTAL	\$200,000

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute an agreement with Jefferson County and the City of Arvada to fund the required engineering and mapping services for the Van Bibber Creek planning study.
2. The Executive Director is authorized to enter into agreements with qualified engineers, surveyors, and others as necessary for preparation of the study.
3. The expenditures for the engineering and mapping services are estimated to be \$200,000 and the District's share of total costs shall not exceed \$100,000 plus interest earned on monies deposited in the project fund, which contribution for the planning portion of this project shall be at least matched by Jefferson County and the City of Arvada.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 18, SERIES OF 2019
(Authorization to Participate in a Planning Study of Van Bibber Creek)

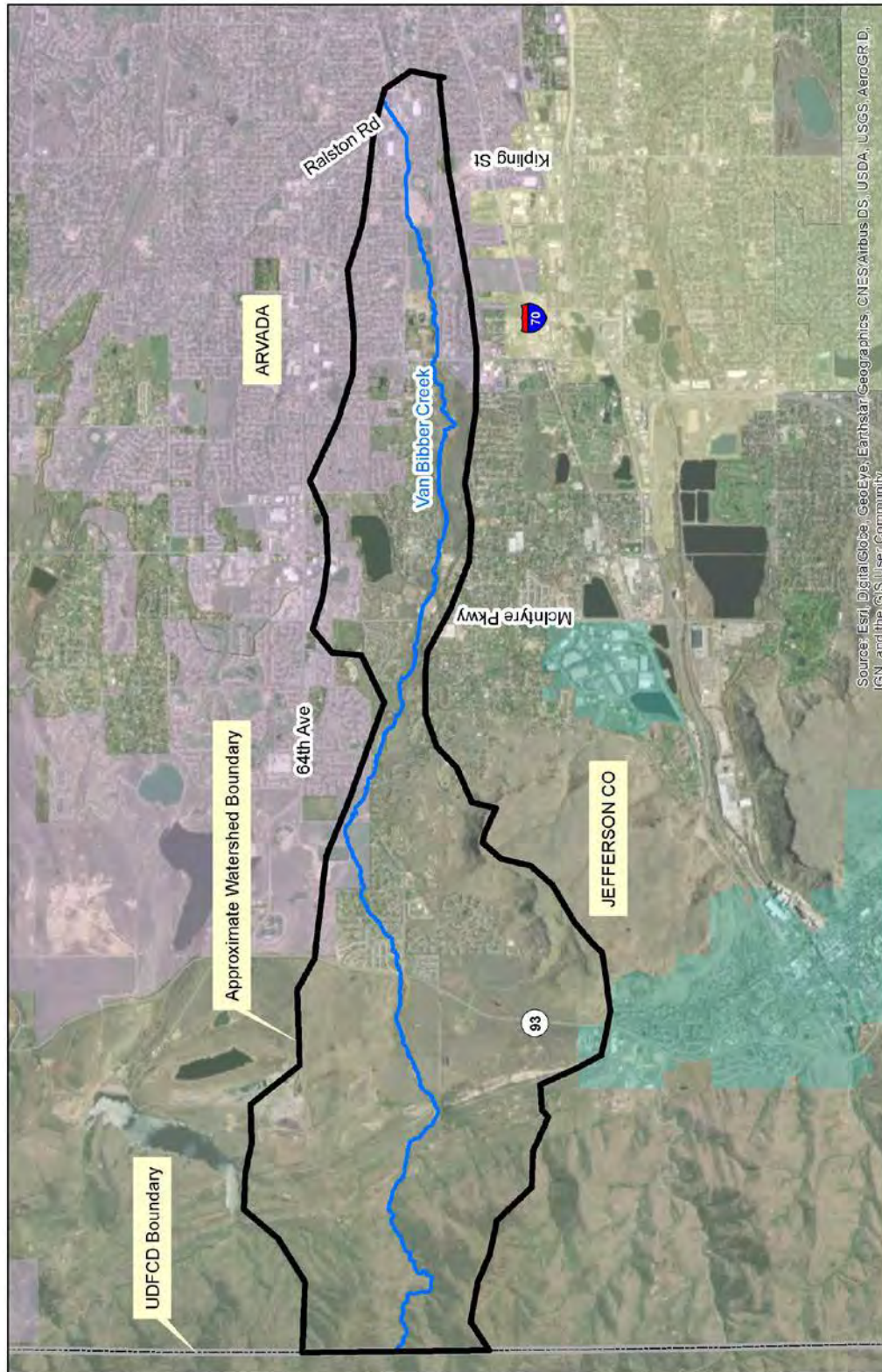


EXHIBIT A
Van Bibber Creek MDP
Approximate Study Limits
February 2019

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 19, SERIES OF 2019 (Authorization to Participate in a Planning Study of Greenwood Village)

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

WHEREAS, the City of Greenwood Village has enacted floodplain regulations; and

WHEREAS, the Board has previously established a Work Program for 2019 (Resolution No. 66, Series of 2018) which includes master planning; and

WHEREAS, the City of Greenwood Village has expressed a desire to participate in a study leading to an outfall systems plan for the City of Greenwood Village; and

WHEREAS, the Board wishes to cooperate with the City of Greenwood Village in the identification of solutions to stormwater drainage and flood control management problems for areas tributary to major streams within the City of Greenwood Village jurisdiction (Exhibit A); and

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

Sponsor	Master Plan Contribution
UDFCD	\$75,000
Greenwood Village	\$75,000
TOTAL	\$150,000

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute an agreement with the City of Greenwood Village to fund the required engineering and mapping services for the City of Greenwood Village planning study.
2. The Executive Director is authorized to enter into agreements with qualified engineers, surveyors, and others as necessary for preparation of the study.
3. The expenditures for the engineering and mapping services are estimated to be \$150,000 and the District's share of total costs shall not exceed \$75,000 plus interest earned on monies deposited in the project fund, which contribution for the planning portion of this project shall be at least matched by the City of Greenwood Village.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 19, SERIES OF 2019
(Authorization to Participate in a Planning Study of Greenwood Village)

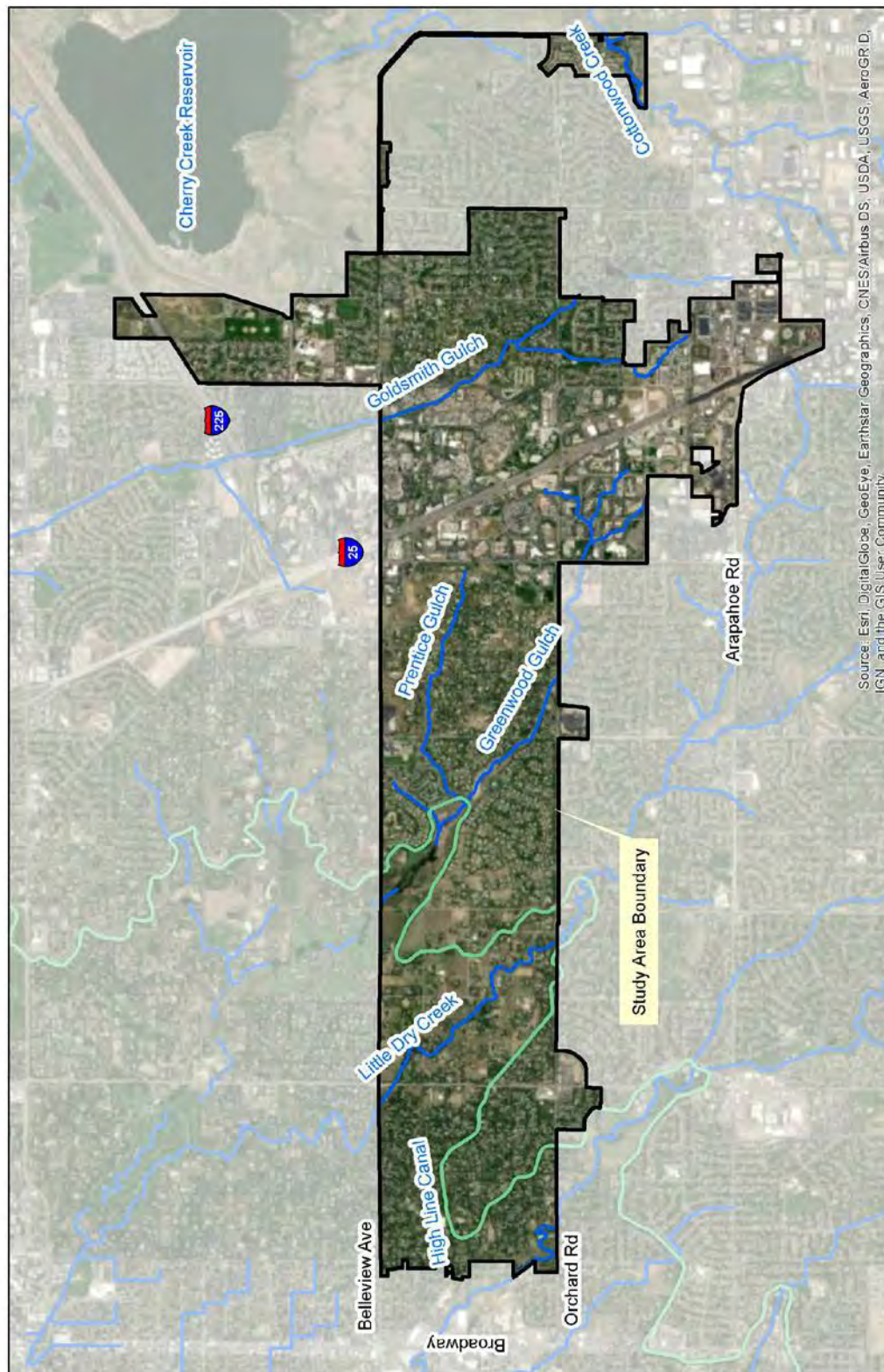


EXHIBIT A
Greenwood Village OSP
Approximate Study Limits
February 2019

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 20, SERIES OF 2019
(Acceptance of Flood Hazard Area Delineation Report for Sanderson Gulch)

WHEREAS, the District cooperated with the City and County of Denver and the City of Lakewood in the preparation of the "Flood Hazard Area Delineation Sanderson Gulch," (Matrix, 2013); and

WHEREAS, the District modified the Colorado Urban Hydrograph Procedure in 2016; and

WHEREAS, the City and County of Denver and the City of Lakewood expressed a desire to update the flood hazard area delineation based on the results using the revised Colorado Urban Hydrograph Procedure; and

WHEREAS, the Executive Director executed an agreement for engineering services with the consulting firm Matrix Design Group, Inc. to conduct studies and prepare an updated flood hazard area delineation study for Sanderson Gulch; and

WHEREAS, Matrix Design Group, Inc. has completed the study and submitted to the District the report titled "Flood Hazard Area Delineation Sanderson Gulch," dated October 2018; and

WHEREAS, the Board has previously indicated its desire that the results of such studies be provided to the local governments so as to assist such local governments in meeting the requirements of 24-65.1-101, et seq. C.R.S.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board of Directors of the Urban Drainage and Flood Control District hereby accepts the report titled "Flood Hazard Area Delineation Sanderson Gulch," dated October 2018, and recommends its use as a guide in future planning related to the floodplains contained therein.
2. The Board of Directors of the Urban Drainage and Flood Control District recommends that the City and County of Denver and the City of Lakewood adopt the report and regulate the 100-year floodplains defined in the report.
3. The Board of Directors of the Urban Drainage and Flood Control District submit the report for designation and approval by the Colorado Water Conservation Board as stated in 37-60-106(1)(c) C.R.S., as flood hazard areas, those areas described as being inundated by the 100-year flood.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 20, SERIES OF 2019
(Acceptance of Flood Hazard Area Delineation Report for Sanderson Gulch)

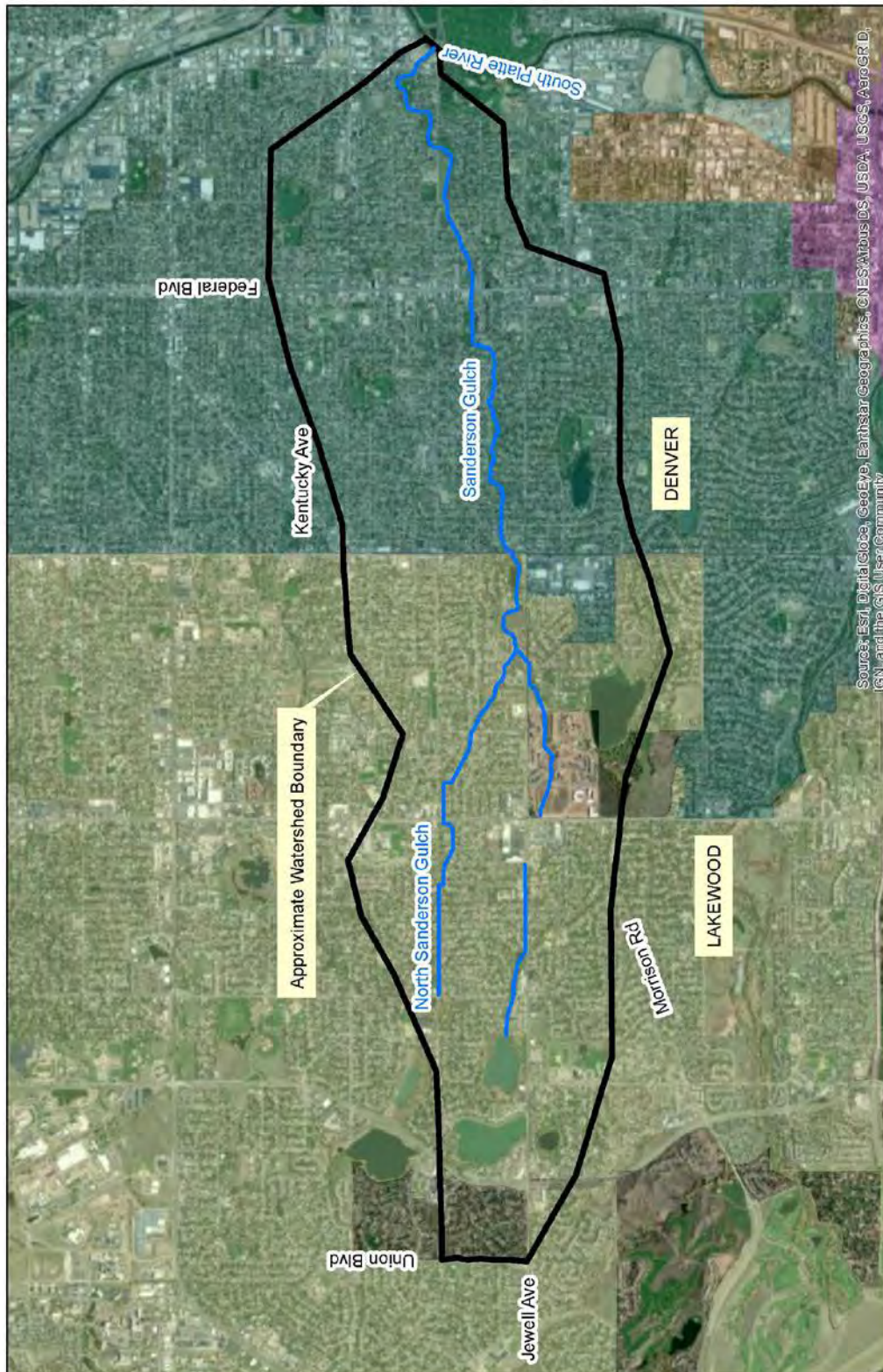


EXHIBIT A
Sanderson Gulch FHAD
Approximate Study Limits
February 2019

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 21, SERIES OF 2019
(Acceptance of Flood Hazard Area Delineation Report for Third Creek)

WHEREAS, the District cooperated with Adams County, the City of Commerce City, the City of Brighton, and the City of Aurora in the preparation of a flood hazard area delineation report for Third Creek (Resolution No. 28, Series of 2015); 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 flood hazard area delineation study for Third Creek; and

WHEREAS, Matrix Design Group, Inc. has completed the study and submitted to the District the report titled "Flood Hazard Area Delineation Third Creek," dated November 2018; and

WHEREAS, the Board has previously indicated its desire that the results of such studies be provided to the local governments so as to assist such local governments in meeting the requirements of 24-65.1-101, et seq. C.R.S.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board of Directors of the Urban Drainage and Flood Control District hereby accepts the report titled "Flood Hazard Area Delineation Third Creek," dated November 2018, and recommends its use as a guide in future planning related to the floodplains contained therein.
2. The Board of Directors of the Urban Drainage and Flood Control District recommends that Adams County, the City of Commerce City, the City of Brighton, and the City of Aurora adopt the report and regulate the 100-year floodplains defined in the report.
3. The Board of Directors of the Urban Drainage and Flood Control District submit the report for designation and approval by the Colorado Water Conservation Board as stated in 37-60-106(1)(c) C.R.S., as flood hazard areas, those areas described as being inundated by the 100-year flood.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 21, SERIES OF 2019
(Acceptance of Flood Hazard Area Delineation Report for Third Creek)

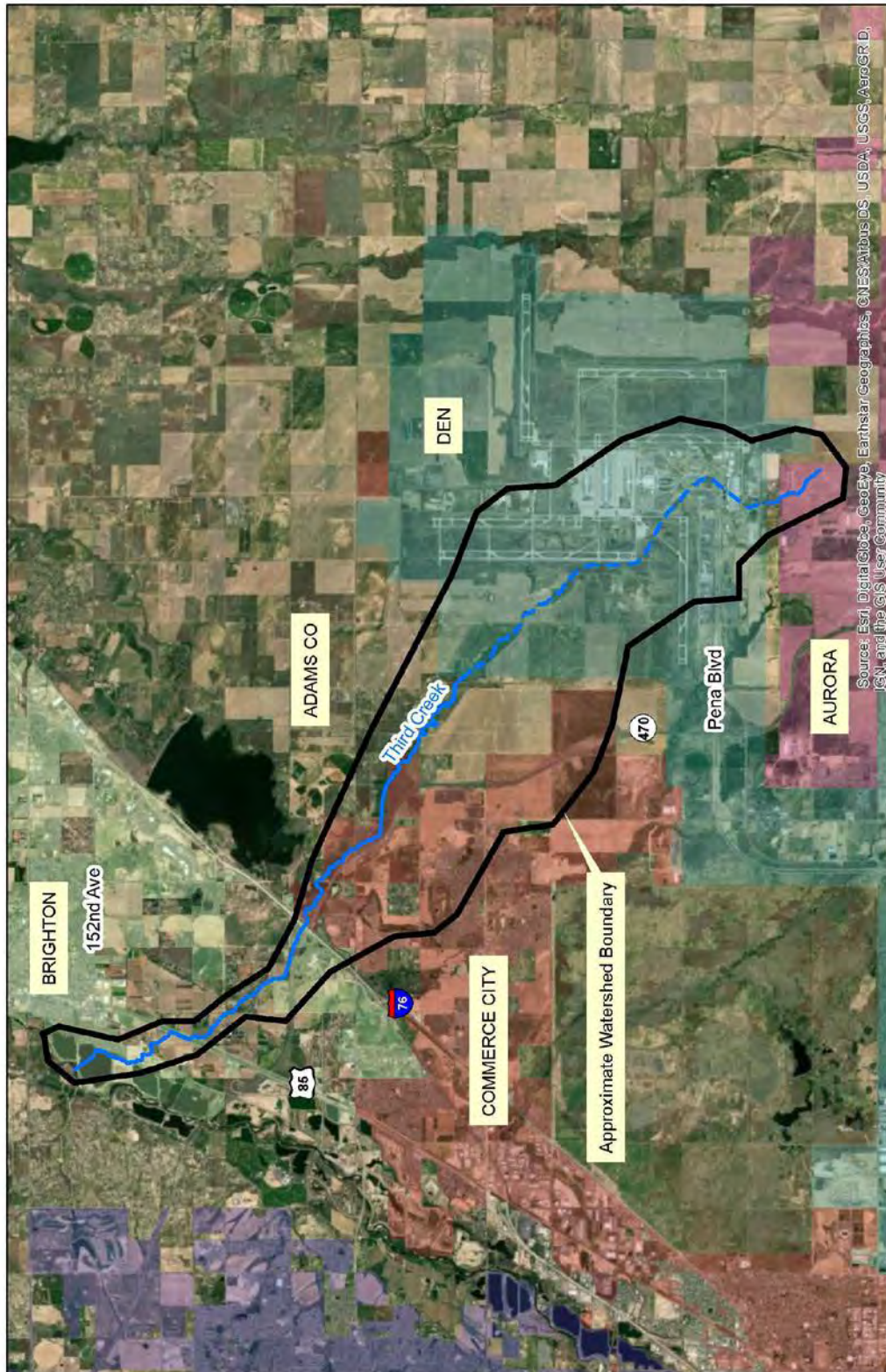


EXHIBIT A
Third Creek FHAD
Approximate Study Limits
February 2019

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 22, SERIES OF 2019

(Authorization to Participate in Drainage and Flood Control Improvements
on Sand Creek – Baranmor Ditch at Zion Street and Billings Street, City of Aurora, 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 Aurora has enacted floodplain regulations; and

WHEREAS, the City of Aurora and the District cooperated in the preparation of "Sand Creek Colfax to Yale Major Drainageway Plan," dated August 2013 which recommends improvements on Sand Creek – Baranmor Ditch at Zion Street and Billings Street; and

WHEREAS, the City of Aurora has requested District participation in the design, acquisition of right-of-way, and construction of improvements to the Sand Creek – Baranmor Ditch at Zion Street and Billings Street (Exhibit A); and

WHEREAS, the City of Aurora has estimated the initial project costs to be \$200,000; and

WHEREAS, the District's participation being authorized by this resolution is \$100,000 to be at least matched by the City of Aurora; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019, which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements along Sand Creek – Baranmor Ditch at Zion Street and Billings Street; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for the improvements along Sand Creek – Baranmor Ditch at Zion Street and Billings Street.

NOW, THEREFORE, BE IT RESOLVED THAT:

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

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 22, SERIES OF 2019

(Authorization to Participate in Drainage and Flood Control Improvements
on Sand Creek – Baranmor Ditch at Zion Street and Billings Street, City of Aurora, Adams County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 23, SERIES OF 2019 (Authorization to Participate in Drainage and Flood Control Improvements on Dutch Creek at Coal Mine Road, 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 "Dutch Creek, Coon Creek, Lilley Gulch, and Three Lakes Tributary Major Drainageway Planning Preliminary Design Report," dated December 2008 which recommends improvements on Dutch Creek at Coal Mine Road; and

WHEREAS, Jefferson County has requested District participation in the design, acquisition of right-of-way, and construction of improvements to the Dutch Creek at Coal Mine Road project (Exhibit A); and

WHEREAS, Jefferson County has estimated the initial project costs to be \$550,000; and

WHEREAS, the District's participation being authorized by this resolution is \$275,000 to be at least matched by Jefferson County; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019, which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements along Dutch Creek at Coal Mine Road; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for the improvements along Dutch Creek at Coal Mine Road.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with Jefferson County for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Dutch Creek at Coal Mine Road.
2. The Executive Director is authorized to enter into agreements 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 Dutch Creek at Coal Mine Road.
3. The District's maximum contribution to the Dutch Creek at Coal Mine Road project, without prior approval of the Board, shall be \$275,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Jefferson County.
4. Such approval for expenditure of District funds is contingent upon Jefferson County agreeing to regulate and control any defined floodplain in the Dutch Creek at Coal Mine Road project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

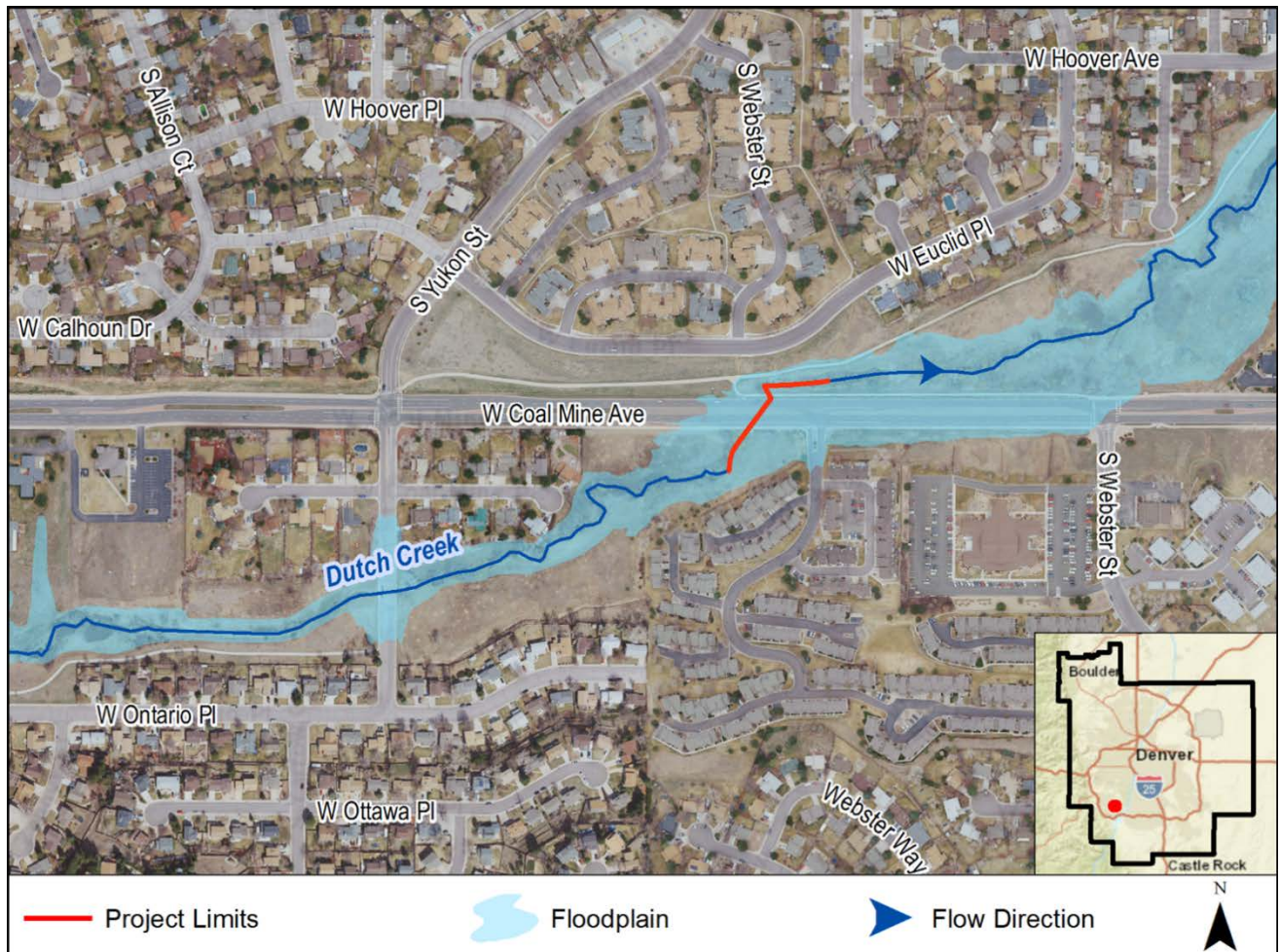
Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 23, SERIES OF 2019
(Authorization to Participate in Drainage and Flood Control Improvements
on Dutch Creek at Coal Mine Road, Jefferson County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 24, SERIES OF 2019

(Authorization to Participate in Drainage and Flood Control Improvements
on Fairgrounds Tributary Downstream of Uinta Street, City of Thornton, Adams County)

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

WHEREAS, the City of Thornton has enacted floodplain regulations; and

WHEREAS, the City of Thornton and the District cooperated in the preparation of "Brantner Gulch Northern Tributary Watersheds Major Drainageway Planning Study," dated April 1998 which recommends improvements on Fairgrounds Tributary downstream of Uinta Street; and

WHEREAS, the City of Thornton and Timberleaf 146 LLC & 136th & Yosemite LLC have requested that the District manage the design and construction of improvements required by the City of Thornton as a result of a development in lieu of Timberleaf 146 LLC & 136th & Yosemite LLC designing and constructing those improvements along Fairgrounds Tributary downstream of Uinta Street (Exhibit A); and

WHEREAS, preliminary project costs are estimated to be \$1,000,000; and

WHEREAS, the District established a water activity enterprise known as the Development Services Enterprise (DSE) (Resolution No. 38, Series of 2017) which allows the District to collect design, construction, and administration fees from Timberleaf 146 LLC & 136th & Yosemite LLC to manage the design and construction of drainage and flood control improvements along Fairgrounds Tributary downstream of Uinta Street; and

WHEREAS, expenditures in 2019 from the DSE have been budgeted (Resolution No. 64, Series of 2018).

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with Timberleaf 146 LLC & 136th & Yosemite LLC for the design and construction of drainage and flood control improvements on Fairgrounds Tributary downstream of Uinta Street.
2. The District is authorized to collect from Timberleaf 146 LLC & 136th & Yosemite LLC sufficient fees to cover the cost of the preliminary design, the final design, and construction of the improvements, plus the District's administrative fee and to deposit those fees in a project-specific account in a separate Development Services Enterprise (DSE) fund which shall be set apart from all other funds of the District.
3. The Executive Director is authorized to enter into agreements with qualified engineers, qualified contractors, and others as necessary for the design and construction of drainage and flood control improvements on Fairgrounds Tributary downstream of Uinta Street.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 24, SERIES OF 2019

(Authorization to Participate in Drainage and Flood Control Improvements
on Fairgrounds Tributary Downstream of Uinta Street, City of Thornton, Adams County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 25, SERIES OF 2019 (Authorization to Participate in Drainage and Flood Control Improvements on Grange Hall Creek Tributary Northeast from York Street to 112th Avenue, City of Thornton, Adams County)

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

WHEREAS, the City of Thornton has enacted floodplain regulations; and

WHEREAS, the City of Thornton and the District cooperated in the preparation of "Grange Hall Creek and Tributaries Major Drainageway Plan," dated July 2018 which recommends improvements on Grange Hall Creek Tributary Northeast from York Street to 112th Avenue; and

WHEREAS, the City of Thornton and 112th & York LLC have requested that the District manage the design and construction of improvements required by the City of Thornton as a result of a development in lieu of 112th & York LLC designing and constructing those improvements along Grange Hall Creek Tributary Northeast from York Street to 112th Avenue (Exhibit A); and

WHEREAS, preliminary project costs are estimated to be \$4,000,000; and

WHEREAS, the District established a water activity enterprise known as the Development Services Enterprise (DSE) (Resolution No. 38, Series of 2017) which allows the District to collect design, construction, and administration fees from 112th & York LLC to manage the design and construction of drainage and flood control improvements along Grange Hall Creek Tributary Northeast from York Street to 112th Avenue; and

WHEREAS, expenditures in 2019 from the DSE have been budgeted (Resolution No. 64, Series of 2018).

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with 112th & York LLC for the design and construction of drainage and flood control improvements on Grange Hall Creek Tributary Northeast from York Street to 112th Avenue.
2. The District is authorized to collect from 112th & York LLC sufficient fees to cover the cost of the preliminary design, the final design, and construction of the improvements, plus the District's administrative fee and to deposit those fees in a project-specific account in a separate Development Services Enterprise (DSE) fund which shall be set apart from all other funds of the District.
3. The Executive Director is authorized to enter into agreements with qualified engineers, qualified contractors, and others as necessary for the design and construction of drainage and flood control improvements on Grange Hall Creek Tributary Northeast from York Street to 112th Avenue.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

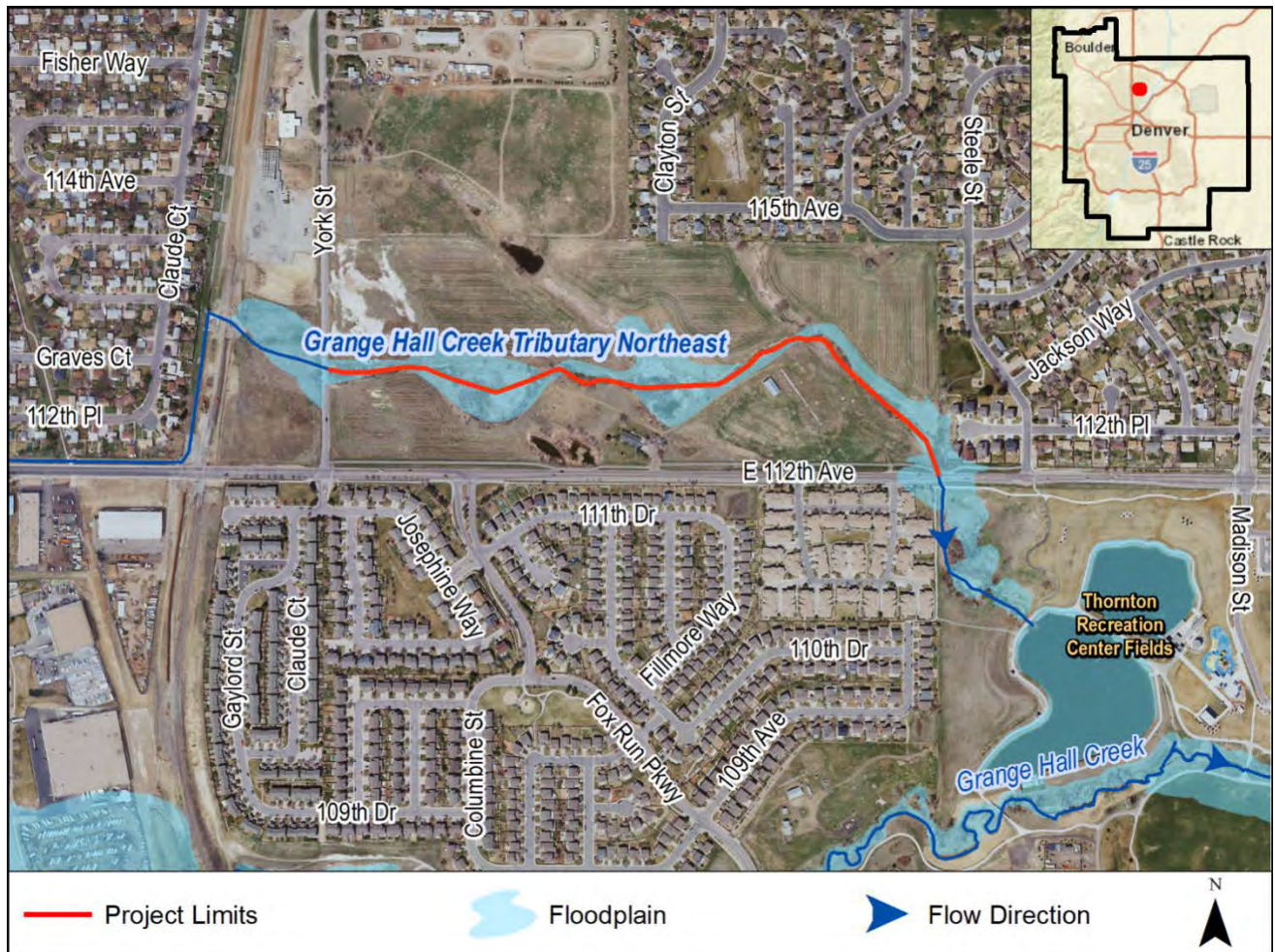
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 25, SERIES OF 2019

(Authorization to Participate in Drainage and Flood Control Improvements
on Grange Hall Creek Tributary Northeast from York Street to 112th Avenue,
City of Thornton, Adams County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 26, SERIES OF 2019
(Authorization to Participate in Drainage and Flood Control Improvements
on Todd Creek from E-470 to Quebec Street, City of Thornton, Adams County)

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

WHEREAS, the City of Thornton has enacted floodplain regulations; and

WHEREAS, the City of Thornton and the District cooperated in the preparation of "Todd Creek and Direct Flow Area (DFA) 0052 Watersheds Outfall Systems Planning Study," dated December 2003 which recommends improvements on Todd Creek from E-470 to Quebec Street; and

WHEREAS, the City of Thornton and Hines Interests Limited Partnership, an international real estate firm, have requested that the District manage the design and construction of improvements required by the City of Thornton as a result of a development in lieu of Hines Interests Limited Partnership designing and constructing those improvements along Todd Creek from E-470 to Quebec Street (Exhibit A); and

WHEREAS, preliminary project costs are estimated to be \$3,500,000; and

WHEREAS, the District established a water activity enterprise known as the Development Services Enterprise (DSE) (Resolution No. 38, Series of 2017) which allows the District to collect design, construction, and administration fees from Hines Interests Limited Partnership to manage the design and construction of drainage and flood control improvements along Todd Creek from E-470 to Quebec Street; and

WHEREAS, expenditures in 2019 from the DSE have been budgeted (Resolution No. 64, Series of 2018).

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with Hines Interests Limited Partnership, an international real estate firm for the design and construction of drainage and flood control improvements on Todd Creek from E-470 to Quebec Street.
2. The District is authorized to collect, from Hines Interests Limited Partnership, sufficient fees to cover the cost of the preliminary design, the final design, and construction of the improvements, plus the District's administrative fee and to deposit those fees in a project-specific account in a separate Development Services Enterprise (DSE) fund which shall be set apart from all other funds of the District.
3. The Executive Director is authorized to enter into agreements with qualified engineers, qualified contractors, and others as necessary for the design and construction of drainage and flood control improvements on Todd Creek from E-470 to Quebec Street.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

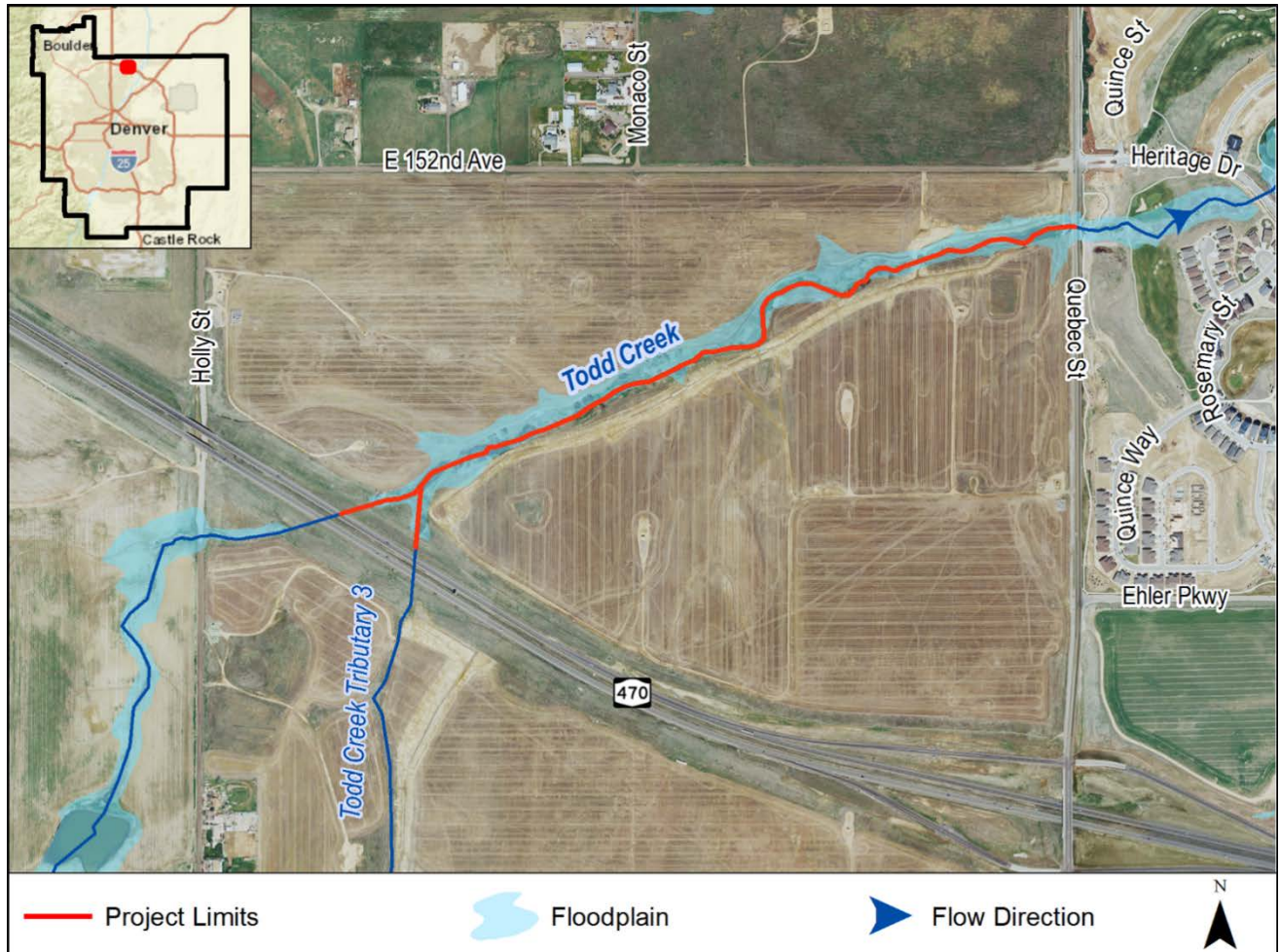
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 26, SERIES OF 2019

(Authorization to Participate in Drainage and Flood Control Improvements
on Todd Creek from E-470 to Quebec Street, City of Thornton, Adams County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 27, SERIES OF 2019 (Authorization to Participate in Drainage and Flood Control Improvements on Weaver Creek at Swarthmore Avenue, 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 "Weaver Creek Major Drainageway Plan," dated February 2018 which recommends improvements on Weaver Creek at Swarthmore Avenue; and

WHEREAS, Jefferson County has requested District participation in the design, acquisition of right-of-way, and construction of improvements to the Weaver Creek at Swarthmore Avenue project (Exhibit A); and

WHEREAS, Jefferson County has estimated the initial project costs to be \$300,000; and

WHEREAS, the District's participation being authorized by this resolution is \$150,000 to be at least matched by Jefferson County; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019, which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements along Weaver Creek at Swarthmore Avenue; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for the improvements along Weaver Creek at Swarthmore Avenue.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with Jefferson County for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Weaver Creek at Swarthmore Avenue.
2. The Executive Director is authorized to enter into agreements 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 Weaver Creek at Swarthmore Avenue.
3. The District's maximum contribution to the Weaver Creek at Swarthmore Avenue project, without prior approval of the Board, shall be \$150,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Jefferson County.
4. Such approval for expenditure of District funds is contingent upon Jefferson County agreeing to regulate and control any defined floodplain in the Weaver Creek at Swarthmore 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:

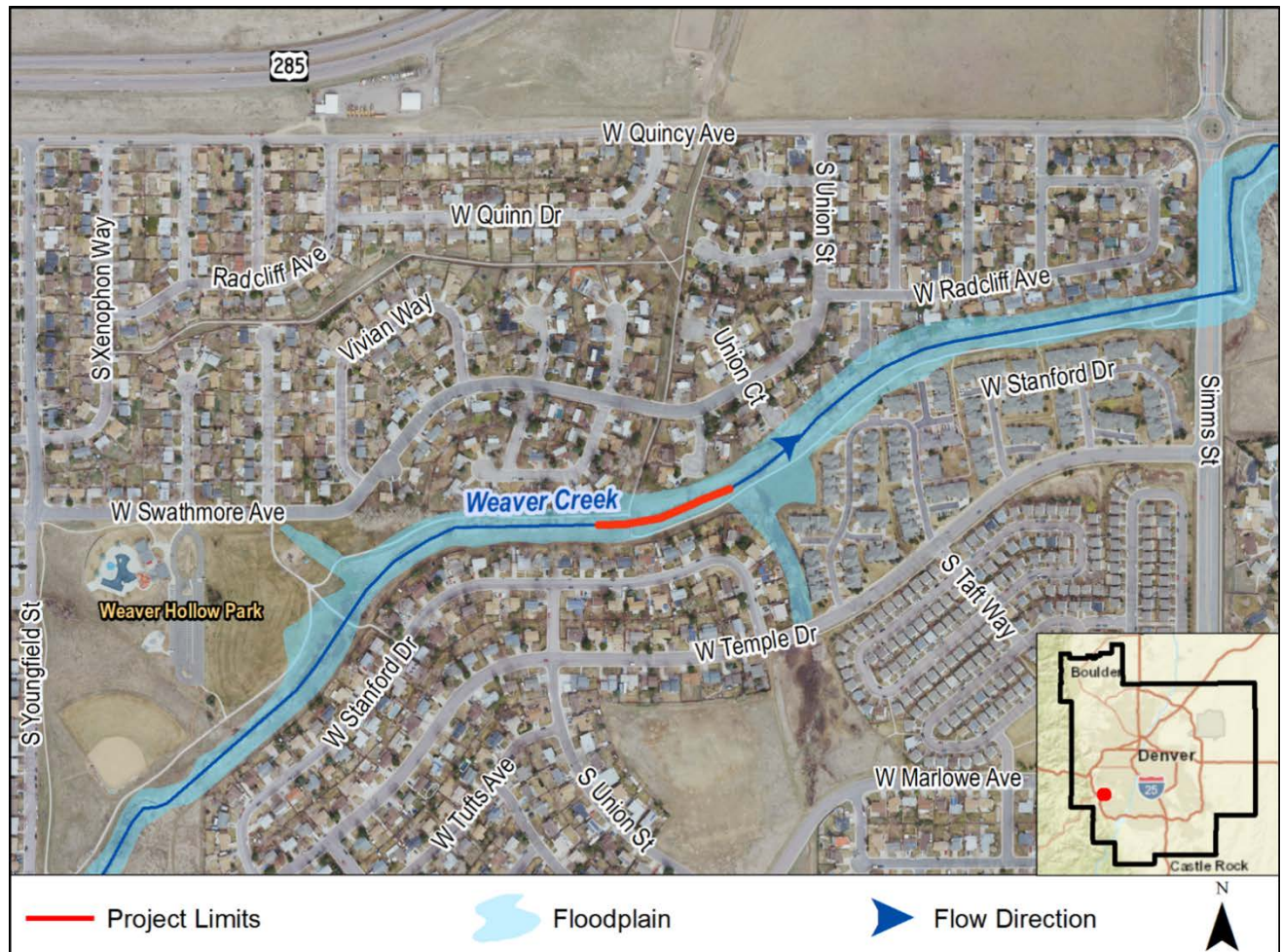
Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 27, SERIES OF 2019
(Authorization to Participate in Drainage and Flood Control Improvements
on Weaver Creek at Swathmore Avenue, Jefferson County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 28, SERIES OF 2019

(Authorization to Participate in Drainage and Flood Control Improvements
on Goldsmith Gulch West Tributary at Fair Avenue, City of Greenwood Village, Arapahoe County)

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

WHEREAS, the City of Greenwood Village has enacted floodplain regulations; and

WHEREAS, the City of Greenwood Village and the District cooperated in the preparation of "Upper Goldsmith Gulch Outfall Systems Planning Conceptual Design Report," dated November 2005 which recommends improvements on Goldsmith Gulch West Tributary at Fair Avenue; and

WHEREAS, the City of Greenwood Village has requested District participation in the design, acquisition of right-of-way, and construction of improvements to Goldsmith Gulch West Tributary at Fair Avenue (Exhibit A); and

WHEREAS, the City of Greenwood Village has estimated the initial project costs to be \$2,000,000; and

WHEREAS, the District's participation being authorized by this resolution is \$375,000 to be at least matched by the City of Greenwood Village; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019 which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements along Goldsmith Gulch West Tributary at Fair Avenue; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for the improvements along Goldsmith Gulch West Tributary at Fair Avenue.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with the City of Greenwood Village for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Goldsmith Gulch West Tributary at Fair Avenue.
2. The Executive Director is authorized to enter into agreements with qualified engineers, qualified contractors, and others as necessary for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Goldsmith Gulch West Tributary at Fair Avenue.
3. The District's maximum contribution to the Goldsmith Gulch West Tributary at Fair Avenue project, without prior approval of the Board, shall be \$375,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Greenwood Village.
4. Such approval for expenditure of District funds is contingent upon the City of Greenwood Village agreeing to regulate and control any defined floodplain in the Goldsmith Gulch West Tributary at Fair 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

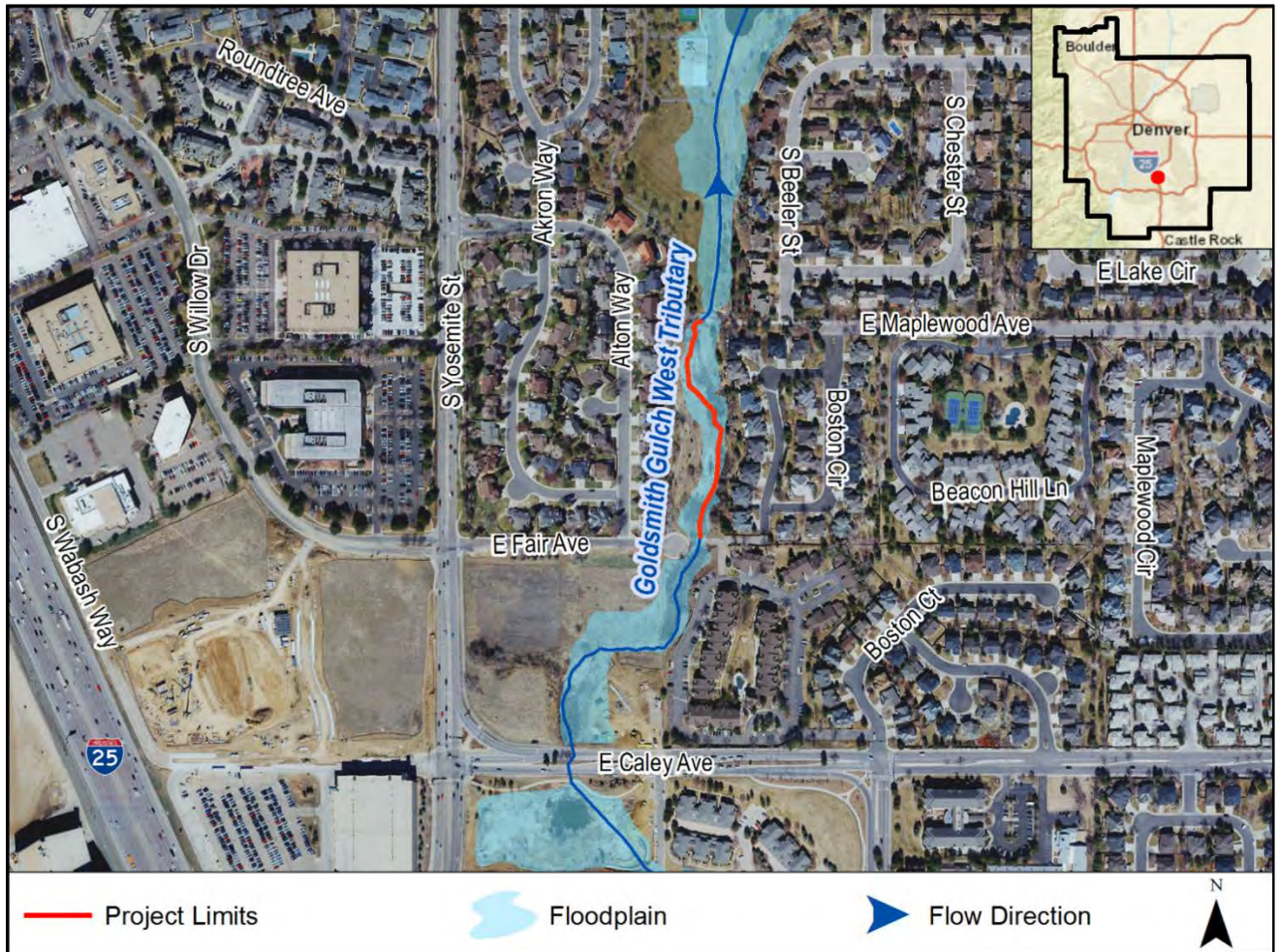
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 28, SERIES OF 2019

(Authorization to Participate in Drainage and Flood Control Improvements
on Goldsmith Gulch West Tributary at Fair Avenue, City of Greenwood Village, Arapahoe County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 29, SERIES OF 2019 (Additional Authorization to Participate in Drainage and Flood Control Improvements on the 22nd Avenue Outfall to Westerly Creek, City of Aurora, 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 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 "Original Aurora and Stormwater Master Plan," dated 2018 which recommends improvements on the 22nd Avenue Outfall to Westerly Creek; and

WHEREAS, the Board previously authorized \$300,000 for the 22nd Avenue Outfall to Westerly Creek project (Table 1); and

Table 1
22nd Avenue Outfall to Westerly Creek
Previous Authorizations

Resolution No.	Series of	District Authorization	Local Share	Work Elements
43	2018	\$300,000	\$300,000	Design
TOTAL		\$300,000	\$300,000	

WHEREAS, the City of Aurora and the District now desire to construct improvements along 22nd Avenue Outfall to Westerly Creek (Exhibit A); and

WHEREAS, the District's additional participation being authorized by this resolution is \$200,000 to be at least matched by the City of Aurora; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019 which includes funds for construction of drainage and flood control improvements along 22nd Avenue Outfall to Westerly Creek; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for the improvements along 22nd Avenue Outfall to Westerly Creek.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 43, Series of 2018, Paragraph 3, is amended as follows:
"The District's maximum contribution to the 22nd Avenue Outfall to Westerly Creek project without prior approval of the Board shall be ~~\$300,000~~ **\$500,000** 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. 43, Series of 2018.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

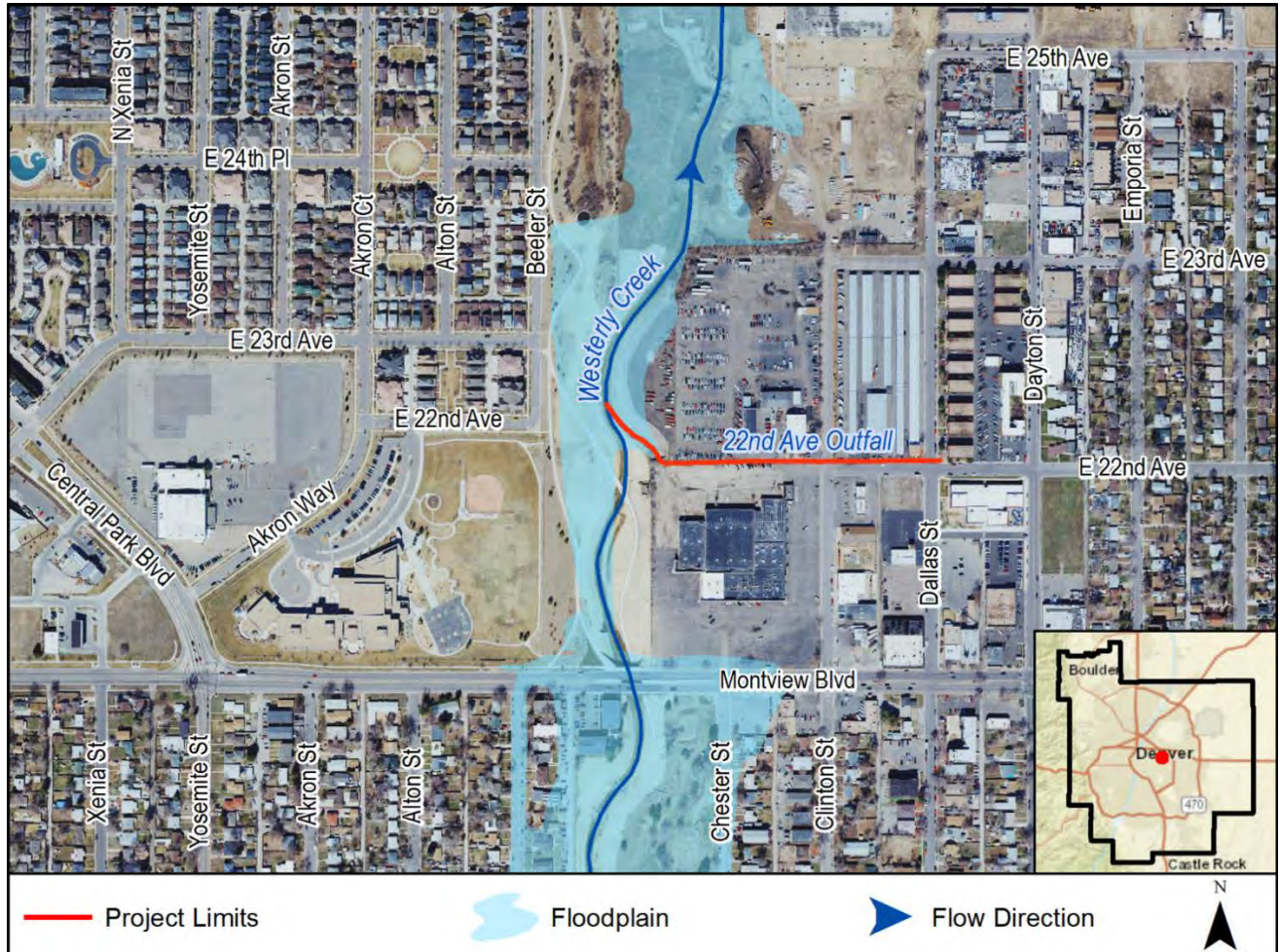
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 29, SERIES OF 2019

(Additional Authorization to Participate in Drainage and Flood Control Improvements
on the 22nd Avenue Outfall to Westerly Creek, City of Aurora, Adams County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 30, SERIES OF 2019

(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 \$575,000 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	Local Share	Work Elements
15	2015	\$350,000	\$350,000	Design, Right-of-Way Purchases, and Construction Funding
26	2017	\$225,000	\$6,477,000	Design and Construction Funding
TOTAL		\$575,000	\$6,827,000	

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 District's additional participation being authorized by this resolution is \$1,025,000 to be at least matched by the City of Aurora; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019 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. 67, Series of 2018) which includes funds for the improvements along Easterly Creek Detention Basin at 1st Avenue and Kenton Street.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 15, Series of 2015, Paragraph 3, is further 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 ~~\$575,000~~ **\$1,600,000** 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. 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. 30, SERIES OF 2019

(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. 31, SERIES OF 2019 (Additional Authorization to Participate in Drainage and Flood Control Improvements on Nissen Reservoir Drainageway, Lowell Boulevard to Tennyson Street, City and County of Broomfield)

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

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

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

WHEREAS, the Board previously authorized \$780,000 for the Nissen Reservoir Drainageway, Lowell Boulevard to Tennyson Street project (Table 1); and

Table 1
Nissen Reservoir Drainageway, Lowell Boulevard to Tennyson Street
Previous Authorizations

Resolution No.	Series of	District Authorization	Local Share	Work Elements
45	2016	\$260,000	\$260,000	Design
40	2017	\$260,000	\$260,000	Construction Funding
51	2018	\$260,000	\$260,000	Construction Funding
TOTAL		\$780,000	\$780,000	

WHEREAS, the City and County of Broomfield and the District now desire to construct improvements along Nissen Reservoir Drainageway, Lowell Boulevard to Tennyson Street (Exhibit A); and

WHEREAS, the District's additional participation being authorized by this resolution is \$270,000 to be at least matched by the City and County of Broomfield; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019 which includes funds for construction of drainage and flood control improvements along Nissen Reservoir Drainageway, Lowell Boulevard to Tennyson Street; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for the improvements along Nissen Reservoir Drainageway, Lowell Boulevard to Tennyson Street.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 45, Series of 2016, Paragraph 3, is further amended as follows:
"The District's maximum contribution to the Nissen Reservoir Drainageway, Lowell Boulevard to Tennyson Street project without prior approval of the Board shall be ~~\$780,000~~ **\$1,050,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City and County of Broomfield."
2. All other conditions and authorizations remain as stated in Resolution No. 45, Series of 2016.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

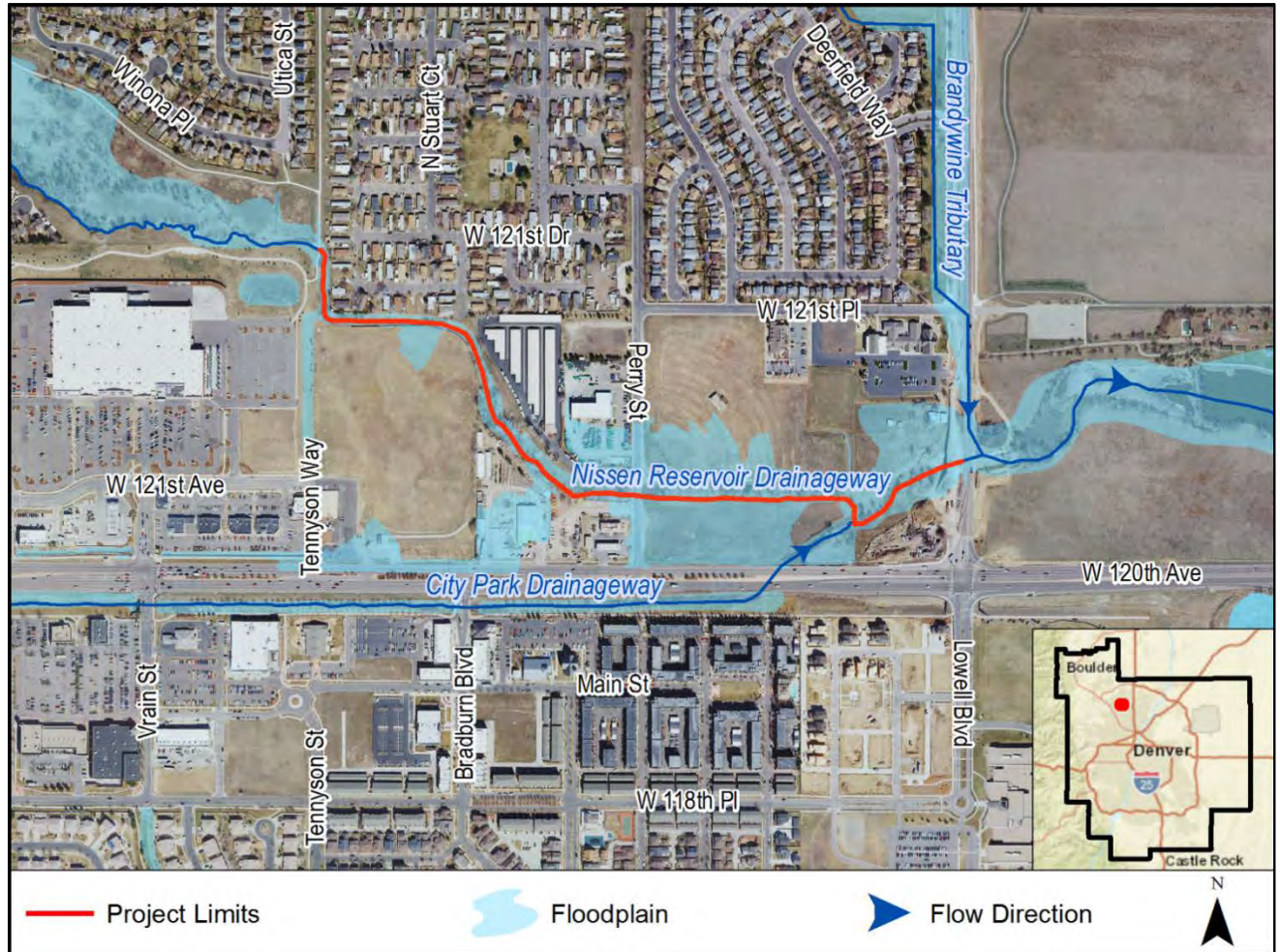
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 31, SERIES OF 2019

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

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 32, SERIES OF 2019 (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 \$3,049,000 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	Local Share	Work Elements
58	2009	\$200,000	\$200,000	Design
50	2010	\$100,000	\$100,000	Design
18	2011	\$150,000	\$150,000	Design and Right-of-Way Purchases
32	2012	\$600,000	\$600,000	Right-of-Way Purchases
34	2013	\$420,000	\$420,000	Right-of-Way Purchases
18	2014	\$379,000	\$758,000	Right-of-Way Purchases
16	2015	\$200,000	\$200,000	Right-of-Way Purchases
31	2016	\$200,000	\$200,000	Right-of-Way Purchases
27	2017	\$400,000	\$400,000	Right-of-Way Purchases
39	2018	\$400,000	\$400,000	Right-of-Way Purchases
TOTAL		\$3,049,000	\$3,428,000	

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 District's additional participation being authorized by this resolution is \$400,000 to be at least matched by the City of Aurora; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019, 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. 67, Series of 2018) which includes funds for the improvements along First Creek Detention Basins upstream of I-70.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 58, Series of 2009, Paragraph 3, is further amended as follows:
"The District's maximum contribution to the First Creek Detention Basins upstream of I-70 project without prior approval of the Board shall be ~~\$3,049,000~~ **\$3,449,000** 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

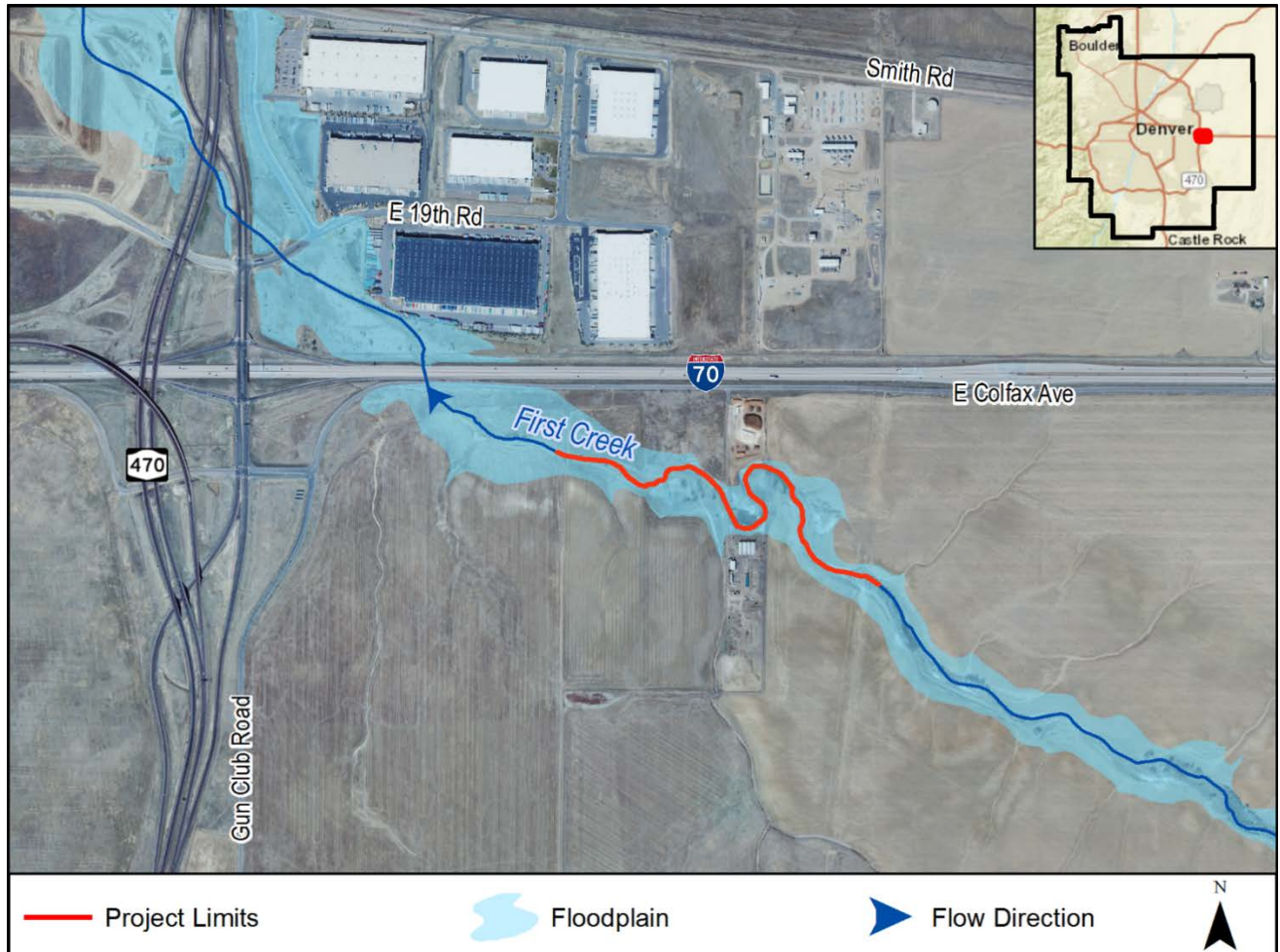
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 32, SERIES OF 2018

(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. 33, SERIES OF 2019 (Additional Authorization to Participate in Drainage and Flood Control Improvements on Littles Creek at Gallup Street, City of Littleton, 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 Littleton has enacted floodplain regulations; and

WHEREAS, the City of Littleton and the District cooperated in the preparation of "Littles Creek Major Drainageway Plan," dated July 2012; and

WHEREAS, the Board previously authorized \$250,000 for the Littles Creek at Gallup Street project (Table 1); and

Table 1
Littles Creek at Gallup Street
Previous Authorizations

Resolution No.	Series of	District Authorization	Local Share	Work Elements
37	2015	\$250,000	\$250,000	Design and Construction Funding
TOTAL		\$250,000	\$250,000	

WHEREAS, the City of Littleton and the District now desire to construct improvements along Littles Creek at Gallup Street (Exhibit A); and

WHEREAS, the District's additional participation being authorized by this resolution is \$250,000 to be at least matched by the City of Littleton; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019 which includes funds for construction of drainage and flood control improvements along Littles Creek at Gallup Street; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for the improvements along Littles Creek at Gallup Street.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 37, Series of 2015, Paragraph 3, is amended as follows:
"The District's maximum contribution to the Littles Creek at Gallup Street project without prior approval of the Board shall be ~~\$250,000~~ **\$500,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Littleton."
2. All other conditions and authorizations remain as stated in Resolution No. 37, Series of 2015.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

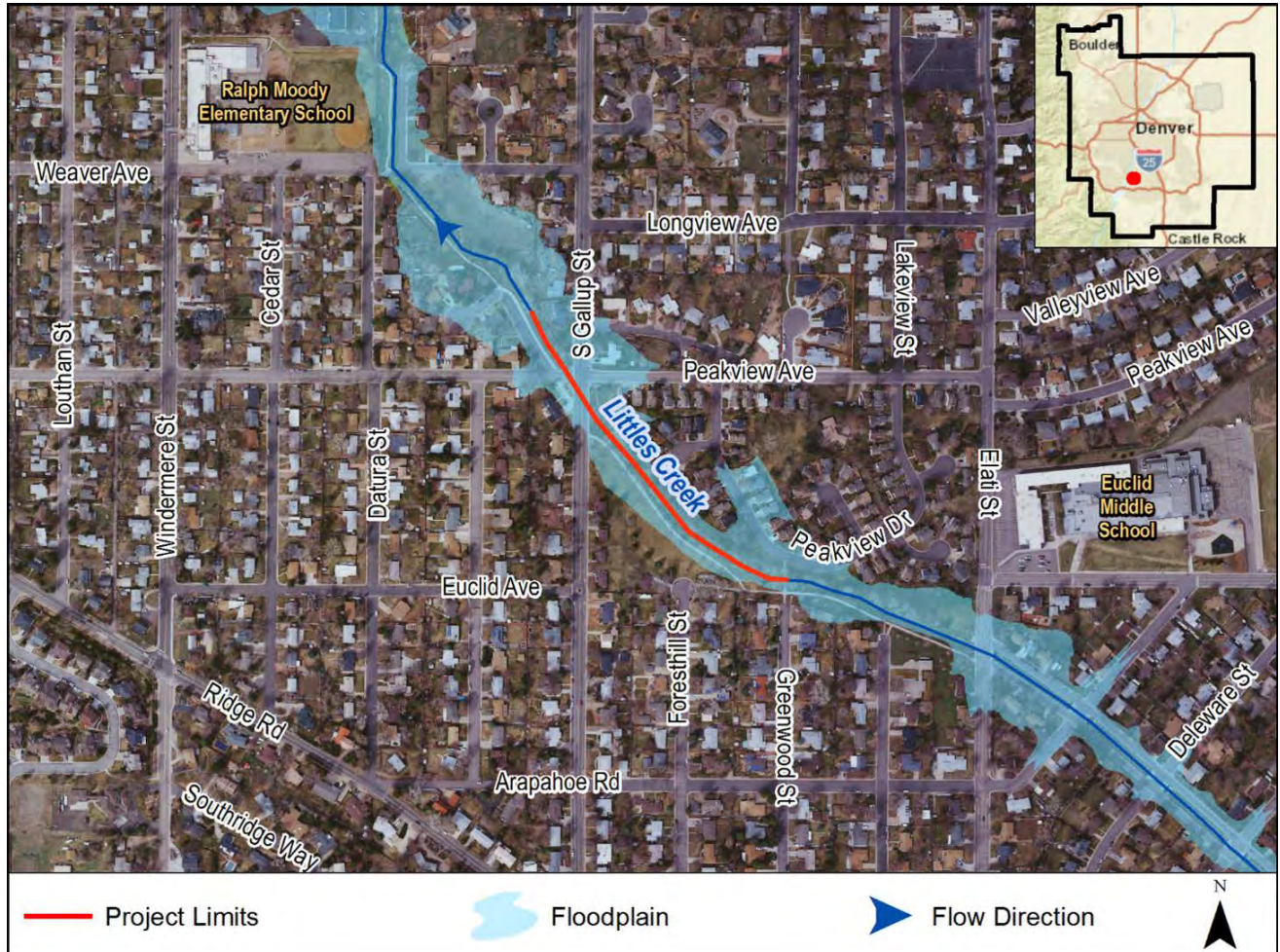
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 33, SERIES OF 2019

(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Little's Creek at Gallup Street, City of Littleton, Arapahoe County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 34, SERIES OF 2019 (Additional Authorization to Participate in Drainage and Flood Control Improvements on Platte Farm Open Space Detention Basin, City and County of Denver)

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

WHEREAS, the City and County of Denver has enacted floodplain regulations; and

WHEREAS, the City and County of Denver and the District cooperated in the preparation of "Globeville – Utah Junction Watershed Outfall Systems Plan," dated May 2013; and

WHEREAS, the Board previously authorized \$150,000 for the Platte Farm Open Space Detention Basin project (Table 1); and

Table 1
Platte Farm Open Space Detention Basin
Previous Authorizations

Resolution No.	Series of	District Authorization	Local Share	Work Elements
18	2017	\$150,000	\$150,000	Design and Construction Funding
TOTAL		\$150,000	\$150,000	

WHEREAS, the City and County of Denver and the District now desire to construct improvements along Platte Farm Open Space Detention Basin (Exhibit A); and

WHEREAS, the District's additional participation being authorized by this resolution is \$600,000 to be at least matched by the City and County of Denver; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019 which includes funds for construction of drainage and flood control improvements along Platte Farm Open Space Detention Basin; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for the improvements along Platte Farm Open Space Detention Basin.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 18, Series of 2017, Paragraph 3, is amended as follows:
"The District's maximum contribution to the Platte Farm Open Space Detention Basin project without prior approval of the Board shall be ~~\$150,000~~ **\$750,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City and County of Denver."
2. All other conditions and authorizations remain as stated in Resolution No. 18, Series of 2017.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 34, SERIES OF 2019

(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Platte Farm Open Space Detention Basin, City and County of Denver)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 35, SERIES OF 2019

(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)

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

WHEREAS, the City and County of Denver has enacted floodplain regulations; and

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

WHEREAS, the Board previously authorized \$2,630,000 for the Sanderson Gulch from Lipan Street to the South Platte River Project (Table 1); and

Table 1
Sanderson Gulch from Lipan Street to the South Platte River
Previous Authorizations

Resolution No.	Series of	District Authorization	Local Share	Work Elements
12	2016	\$800,000	\$800,000	Design and Construction Funding
19	2017	\$1,000,000	\$7,400,000	Construction Funding
71	2017	\$830,000	\$5,642,032	Construction Funding
TOTAL		\$2,630,000	\$13,842,032	

WHEREAS, the City and County of Denver and the District now desire to construct improvements along Sanderson Gulch from Lipan Street to the South Platte River (Exhibit A); and

WHEREAS, the District's additional participation being authorized by this resolution is \$1,650,000 to be at least matched by the City and County of Denver; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019 which includes funds for construction of drainage and flood control improvements along Sanderson Gulch from Lipan Street to the South Platte River; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for the improvements along Sanderson Gulch from Lipan Street to the South Platte River.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 12, Series of 2016, Paragraph 3, is further amended as follows:
"The District's maximum contribution to the Sanderson Gulch from Lipan Street to the South Platte River project without prior approval of the Board shall be ~~\$2,630,000~~ **\$4,280,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City and County of Denver."
2. All other conditions and authorizations remain as stated in Resolution No. 12, Series of 2016.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

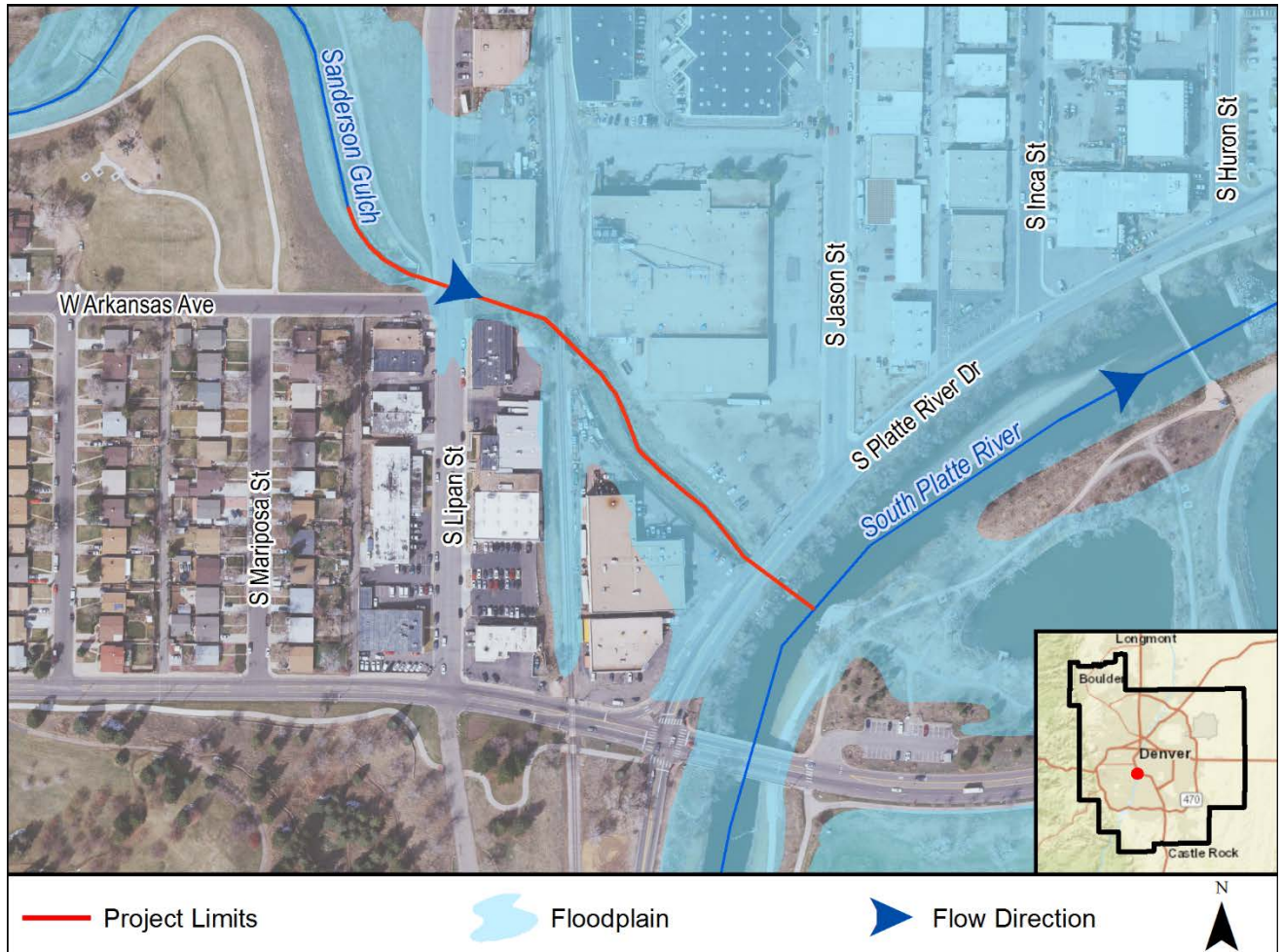
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 35, SERIES OF 2018

(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)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 36, SERIES OF 2019 (Additional Authorization to Participate in Drainage and Flood Control Improvements on Van Bibber Creek at McIntyre Street, Jefferson County)

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

WHEREAS, Jefferson County has enacted floodplain regulations; and

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

WHEREAS, the Board previously authorized \$1,248,000 for the Van Bibber Creek at McIntyre Street project (Table 1); and

Table 1
Van Bibber Creek at McIntyre Street
Previous Authorizations

Resolution No.	Series of	District Authorization	Local Share	Work Elements
25	2016	\$175,000	\$175,000	Design
07	2017	\$83,000	\$83,000	Right-of-Way Purchases
52	2017	\$190,000	\$190,000	Construction Funding
32	2018	\$800,000	\$800,000	Construction Funding
TOTAL		\$1,248,000	\$1,248,000	

WHEREAS, Jefferson County and the District now desire to construct improvements along Van Bibber Creek at McIntyre Street (Exhibit A); and

WHEREAS, the District's additional participation being authorized by this resolution is \$300,000 to be at least matched by Jefferson County; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019 which includes funds for construction of drainage and flood control improvements along Van Bibber Creek at McIntyre Street; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for the improvements along Van Bibber Creek at McIntyre Street.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 25, Series of 2016, Paragraph 3, is further amended as follows:
"The District's maximum contribution to the Van Bibber Creek at McIntyre Street project without prior approval of the Board shall be ~~\$1,248,000~~ **\$1,548,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Jefferson County."
2. All other conditions and authorizations remain as stated in Resolution No. 25, Series of 2016.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

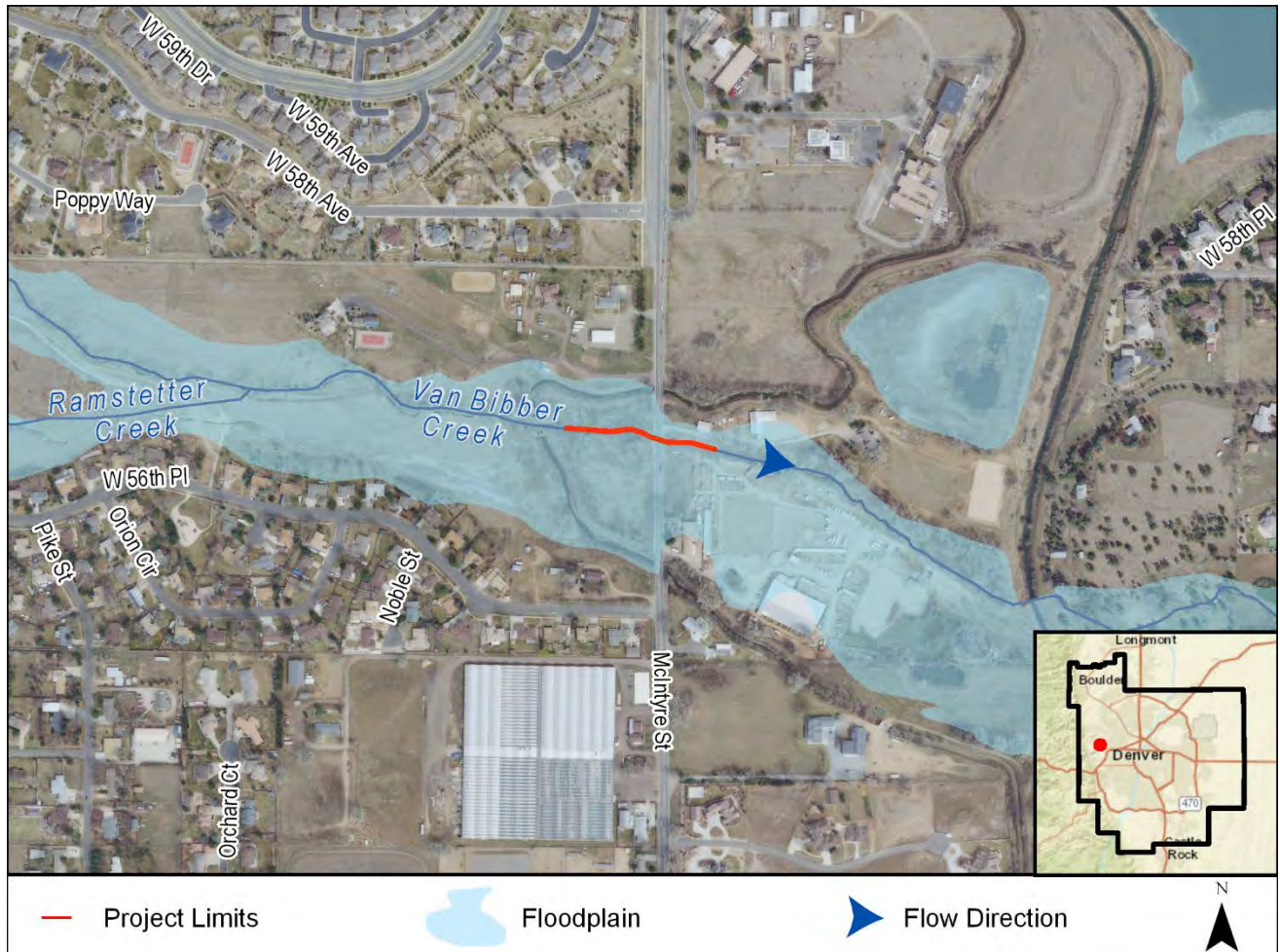
Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 36, SERIES OF 2019
(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Van Bibber Creek at McIntyre Street, Jefferson County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 37, SERIES OF 2019
(Acceptance of 2018 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, Eide Bailly, LLP, Certified Public Accountants and Consultants, were retained to audit the financial records of the District for the year ending December 31, 2018; and

WHEREAS, Eide Bailly, LLP, Certified Public Accountants and Consultants, completed the audit and delivered and presented the same to the Audit & Finance Committee on March 18, 2019; and

WHEREAS, a copy of the audit report entitled, "Urban Drainage and Flood Control District, Denver, Colorado, Comprehensive Annual Financial Report," for year ending December 31, 2018 was provided to each Board Member; and

WHEREAS, Board Members were asked to contact Eide Bailly, LLP, Certified Public Accountants and Consultants, 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, 2018 as prepared and presented by Eide Bailly, LLP, Certified Public Accountants and Consultants, entitled, "Urban Drainage and Flood Control District, Denver, Colorado, Comprehensive Annual Financial Report," for year ending December 31, 2018 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

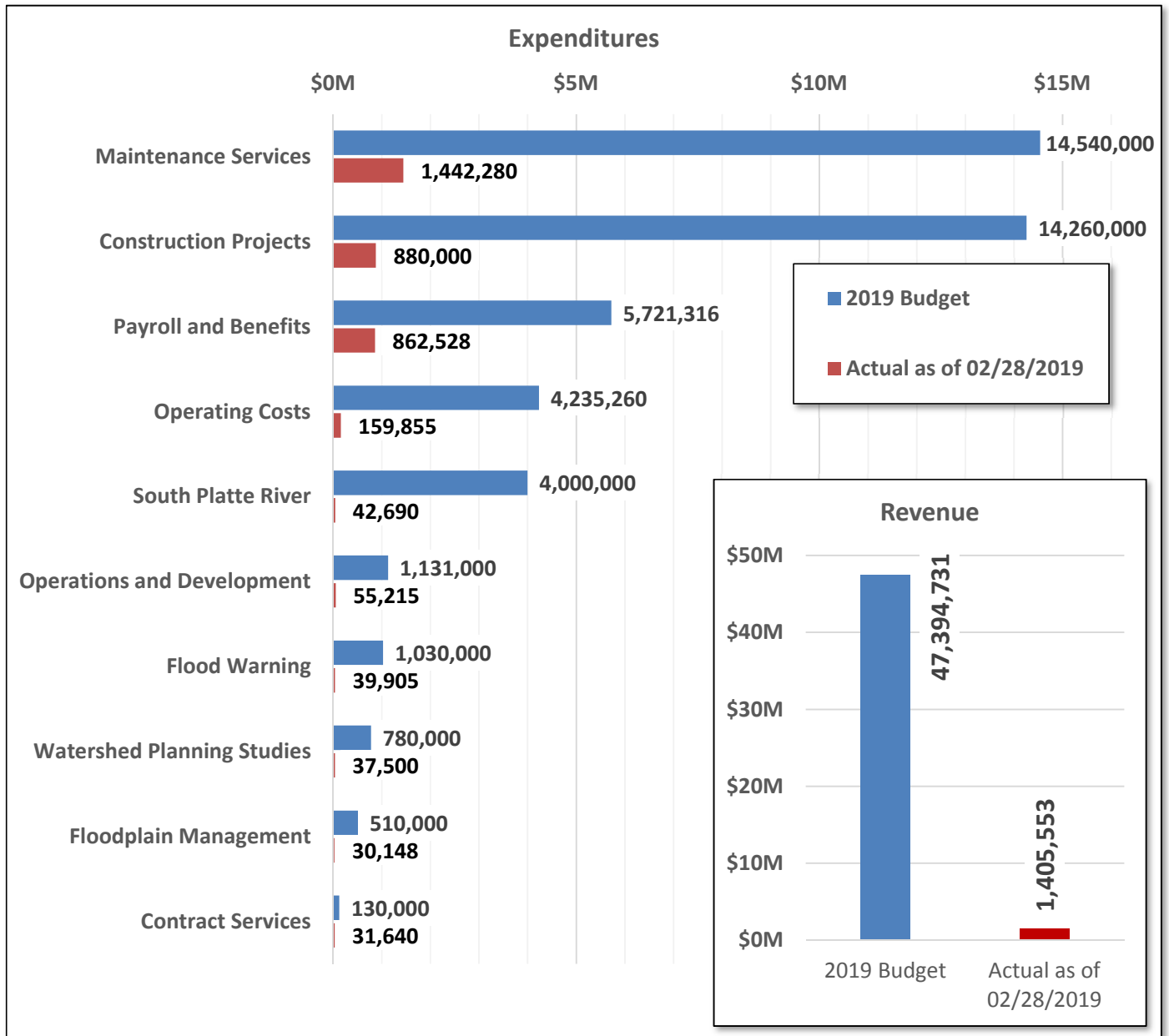
UDFCD BUDGET SUMMARY THROUGH FEBRUARY 2019

BUDGET ITEM:	2019 Budget	Actual as of 02/28/2019	2019 Remaining Balance
Beginning Fund Balance:			
TABOR Emergency Reserve	1,000,000	1,000,000	
Floodplain Preservation Reserve	-	-	
Reserve for Future Operations	1,667,213	3,065,469	
Revenue:			
Property Taxes	43,872,401	1,125,651	
Specific Ownership Taxes	3,290,430	230,485	
Delinquent Property Tax Interest	-	(685)	
Investment Interest	175,900	29,353	
Project Participation Funds Returned	-	-	
Project Participation Interest Returned	-	-	
Miscellaneous Income	56,000	20,749	
Total Revenue	47,394,731	1,405,553	
Transfers from other Funds	-	-	
Total Funds Available	49,061,944	4,471,022	
Expenditures:			
Maintenance Services	14,540,000	1,442,280	13,097,720
Construction Projects	14,260,000	880,000	13,380,000
Payroll and Benefits	5,721,316	862,528	4,858,788
Operating Costs	4,235,260	159,855	4,075,405
South Platte River	4,000,000	42,690	3,957,310
Operations and Development	1,131,000	55,215	1,075,785
Flood Warning	1,030,000	39,905	990,095
Watershed Planning Studies	780,000	37,500	742,500
Floodplain Management	510,000	30,148	479,852
Contract Services	130,000	31,640	98,360
Total Expenditures	46,337,576	3,581,761	42,755,815
Revenue minus Expenditures	1,057,155	(2,176,208)	
Transfers to other Funds			
Change in Floodplain Preservation Reserve	500,000		
Floodplain Preservation Reserve Balance	500,000		
Change in TABOR Emergency Reserve	420,500		
TABOR Emergency Reserve Balance	1,420,500		
TABOR Emergency Reserve as % of Expenditures	3.00%		
Ending Fund Balance:			
Reserve for Future Operations	1,803,868		

<i>check funds available</i>	49,061,944	4,471,023
<i>difference</i>	-	-
<i>check expenditures</i>	46,337,576	3,581,761
<i>difference</i>	-	-

UDFCD BUDGET SUMMARY THROUGH FEBRUARY 2019

Revenues and Expenditures as of 02/28/2019





URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

REVISED

BOARD OF DIRECTORS MEETING

Date: Thursday, April 18, 2019

Time: 12:30 pm

Catered Lunch – 11:45 am

1. Call to Order and Pledge of Allegiance – 12:30 pm

2. Introductions

- a. Visitors/Guests/Staff
 - i. Jacob Krider, Student Intern, Administrative Services
 - ii. Baylee Suskin, Student Intern, Operations and Development
- b. Awards/Recognitions
 - i. 2019 Top Ten Public Works Leaders of the Year – American Public Works Association (APWA): Laura Kroeger

3. Roll Call – Determination of Quorum

4. Approval of March 21, 2019 Meeting Minutes

(If there are no corrections “Minutes stand approved”, or with corrections “Minutes stand approved as corrected”)

5. Presentation Agenda

(Each resolution will, after introduction and presentation from District staff, be placed on the Consent Agenda unless a request is made by a Board Member for action upon the resolution separately)

- a. Opposing Denver Ballot Initiative 300
(Resolution No. 38, Series of 2019)
- b. Acceptance of Third Creek Planning Study
(Resolution No. 39, Series of 2019)
- c. Authorization to Participate in Drainage and Flood Control Improvements on Irondale Gulch Tributaries, City and County of Denver
(Resolution No. 40, Series of 2019)
- d. Authorization to Participate in Drainage and Flood Control Improvements on Rooney Gulch Upstream of Morrison Road, City of Lakewood, Jefferson County
(Resolution No. 41, Series of 2019)
- e. Authorization to Participate in Drainage and Flood Control Improvements on West Toll Gate Creek at Himalaya Street, Arapahoe County
(Resolution No. 42, Series of 2019)
- f. Authorization to Participate in Drainage and Flood Control Improvements on Unnamed Creek from Quincy Avenue to Shawnee Way, Arapahoe County
(Resolution No. 43, Series of 2019)
- g. Authorization to Participate in Drainage and Flood Control Improvements on Baldwin Gulch Dam Upstream of Pine Drive, Douglas County
(Resolution No. 44, Series of 2019)
- h. Creation of a “Doing Business As” Name for the District
(Resolution No. 45, Series of 2019)
- i. Authorization to Participate in Drainage and Flood Control Improvements on Rooney Gulch Upstream of C-470, Jefferson County
(Resolution No. 46, Series of 2019)

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 of a specific resolution for a presentation by District Staff or discussion)

- a. Review of Cash Disbursements
- b. Additional Authorization to Participate in Drainage and Flood Control Improvements on Big Dry Creek Between County Line Road and East Orchard Road, Arapahoe County (Resolution No. 47, Series of 2019)
- c. Additional Authorization to Participate in Drainage and Flood Control Improvements on the Dahlia Street Outfall to the South Platte River, Adams County (Resolution No. 48, Series of 2019)

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

8. Reports/Discussions

- a. Executive Director's Report

9. Announcements

- a. District Project Tour: **Thursday, May 16, 2019 at 12:00 pm**
- b. Next Regularly Scheduled Meeting: **Thursday, June 27, 2019**

10. Adjournment



URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

BOARD OF DIRECTORS MEETING Meeting Minutes March 21, 2019

Board Members Present:

Randy Ahrens	Mayor, City/County of Broomfield
Herb Atchison	Mayor, City of Westminster
Debbie Brinkman	Mayor, City of Littleton
Stacie Gilmore	Council Member, City/County of Denver
Mark Hunter	Engineer
Matt Jones	Commissioner, Boulder County
John Marriott	Mayor Pro Tem, City of Arvada
Adam Paul	Mayor, City of Lakewood
Stephanie Piko	Mayor, City of Centennial
Murphy Robinson	Deputy Mayor, City/County of Denver
Bob Roth	Mayor Pro Tem, City of Aurora
Dave Sellards	Engineer
Nancy Sharpe	Commissioner, Arapahoe County
Bud Starker	Mayor, City of Wheat Ridge
Chaz Tedesco	Commissioner, Adams County
Lora Thomas	Commissioner, Douglas County
Heidi Williams	Mayor, City of Thornton

Board Members Absent:

Carol Dodge	Mayor, City of Northglenn
Paul Kashmann	Council Member, City/County of Denver
Paul López	Council Member, City/County of Denver
Libby Szabo	Commissioner, Jefferson County
Sam Weaver	Mayor Pro Tem, City of Boulder

UDFCD Staff Present:

Ken MacKenzie	Executive Director
Kurt Bauer	Project Manager, Stream Services
Dave Bennetts	Program Manager, Operations and Development
Amelia Deleon	Human Resources Manager
Terri Fead	Floodplain Manager, Watershed Services
Dan Hill	Engineering Technologist, Watershed Services
Katie Kerstiens	Student Intern, Stream Services
Laura Kroeger	Manager, Stream Services
Morgan Lynch	Project Manager, Watershed Services
Kelsey Mehan	Office Coordinator
Dana Morris	Engineering Technologist, Watershed Services
Teresa Patterson	Project Manager, Watershed Services
Holly Piza	Standards Development Manager, Operations and Development
Derrick Schauer	IS Network Administrator, Flood Warning and Information Services
Mark Schutte	Engineering Technologist, Stream Services
Brooke Seymour	Project Manager, Watershed Services
Jason Stawski	Senior Construction Manager, Stream Services
Kevin Stewart	Program Manager, Flood Warning and Information Services
Shea Thomas	Program Manager, Watershed Services
Jon Villines	Project Engineer, Watershed Services
Jim Watt	Project Manager, Watershed Services

Others Present:

Tom Eisele	CG Environmental
Brent Fahrberger	City and County of Denver
Janeen Hathcock	Eide Bailly
Kim Higgins	Eide Bailly
Ed Krisor	Legal Counsel
Steve O'Dorisio	Adams County
David Rausch	Adams County

How the District Works - Floodplain Management

Mrs. Shea Thomas, Project Manager, Stream Services, conducted a presentation on "Floodplain Management."

1. Call to Order and Pledge of Allegiance - 1:00 pm

Councilwoman Stacie Gilmore called the meeting to order at 1:00 pm.

2. Introductions

a. Visitors/Guests/Staff

Mr. Ken MacKenzie introduced one new employee:

- Jon Villines, Project Engineer, Watershed Services

Mr. MacKenzie also introduced the following guests in attendance:

- Tom Eisele, Business Development, CG Environmental
- Brent Fahrberger, District 6, City and County of Denver
- Janeen Hathcock, Accountant, Eide Bailly
- Kim Higgins, Accountant, Eide Bailly
- Steve O'Dorisio, Commissioner, Adams County
- David Rausch, Stormwater Manager, Adams County

b. Awards/Recognitions

Excellence in Financial Reporting – Government Finance Officers Association (GFOA)

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 Mrs. Terri Schafer, Finance and Accounting Manager and Ms. Wanda Salazar, Accountant, for their efforts to provide outstanding financial management to the District.

3. Roll Call – Determination of Quorum

Roll was called and a quorum was declared present.

4. Presentation of 2018 Audit - Discussion

- ##### a.
- Janeen Hathcock, CPA, Eide Bailly, LLP
 - Kim Higgins, CPA, Eide Bailly, LLP

Ms. Kim Higgins and Ms. Janeen Hathcock, Eide Bailly, LLP, provided a briefing on the 2018 Audit Report. Electronic copies of the Draft 2018 Comprehensive Annual Financial Report (CAFR) were distributed to the board via email on March 26, along with the following documents:

- Independent Auditor's report on Internal Controls
- Auditor's Report of Findings
- District's Corrective Action Plan

The audit report concluded one material weakness described below. Following the auditors presentation, Mr. MacKenzie identified the corrective action for the area of improvement.

Material Weakness

The District does not have the proper control activities in place to ensure that the year-end close process is performed completely and accurately, as well as management review of financial statement information. This contributed to the improper recording of financial statement activity.

UDFCD Corrective Action:

Accounts Receivable: This was a finding last year and management has continued to record the receivables as the agreements are signed. Management's response last year was that for audit purposes, an adjusting entry will be made to reverse the outstanding receivables and deferred revenue at year end to comply with GASB requirements. This item was added to the year-end checklist but missed in the year-end procedures. In the future, management will be more diligent in making sure that all of the year-end procedures are performed. The District has purchased a new accounting software module that will allow staff to prepare the financial statements for the auditors review as opposed to having Eide Bailly prepare them. This should preclude this year's finding from occurring again.

Accounts Payable: Management was aware that there were bills coming in from the county clerks for the cost of the TABOR Election; however, when the contracts were signed, the costs of the election were unknown and, consequently, these contracts neither encumbered funds nor required payment in 2018. The county clerks were consulted and assured management that no payment was expected until 2019, and that this arrangement was standard protocol. Based on these assurances, the understanding was that the costs could be paid out of 2019 funds, as the funds had not been budgeted for 2018. UDFCD did not unintentionally understate accounts payable, the intent was to avoid a budget violation. It is understood that the financial statements are to be presented on a full accrual basis and management will do a more diligent job making sure that they are presented correctly. In the future, UDFCD will bring these issues to the attention of the auditors for advice to avoid a material finding.

5. Committee Reports

Audit & Finance Committee

Mayor Pro Tem John Marriott provided an update on the Audit & Finance Committee meeting that took place on March 18. The committee met at 10 am on Monday, March 18, to hear a presentation from Eide Bailly, LLP on the 2018 CAFR for the District. Committee Members in attendance included: Mr. Dave Sellards, Mayor Heidi Williams, and Mayor Pro Tem Marriott. Highlights from the meeting include:

- The auditors reported that the District received an unqualified opinion or "clean report". This opinion means that the financial report fairly represents the District's financial position and activity for the year. They also stated that the District has followed Generally Accepted Accounting Principles (GAAP) and that the financial position is strong.
- The auditors reported that there was one finding as a result of the testing work performed in conjunction with the audit. This finding was reported in a separate letter that has been provided to the Board. District management has provided a Corrective Action Plan related to the finding which has also been provided to the Board
- The Committee reviewed the finding and management's plan to correct the issues and is satisfied that the procedures that have been put in place by the Executive Director and the Manager of Finance and Accounting will prevent this finding in the future.

The Audit & Finance Committee recommends that the CAFR for the year ended December 31, 2018 be placed on the consent agenda for approval by the Board.

Executive Committee

Councilwoman Gilmore provided an update on the Executive Committee meeting that took place on March 7. The committee met at 2:00 pm on Wednesday, March 7, via conference call, to review the Executive Director's goals for 2019. In attendance were Commissioner Libby Szabo, Councilwoman Gilmore, Mayor Adam Paul, and Mr. David Sellards. Highlights from the meeting include:

- Mr. MacKenzie reviewed the draft 2019 Executive Director goals with the Committee
- The Executive Committee provided minor comments on these goals but otherwise felt that they were on par with the expectations of the Executive Committee.
- The Executive Committee will meet with Mr. MacKenzie mid-year to ensure these expectations are being met.

6. Approval of February 1, 2019 Meeting Minutes

(If there are no corrections "Minutes stand approved", or with corrections "Minutes stand approved as corrected")

Councilwoman Gilmore asked if there were any corrections to the February 1, 2019 minutes. Hearing none, the minutes were approved as submitted.

7. Presentation Agenda

(Each resolution will, after introduction and presentation from District staff, be placed on the Consent Agenda unless a request is made by a Board Member for action upon the resolution separately.)

a. Authorization to Participate in a Planning Study of Jackass Gulch

(Resolution No. 17, Series of 2019)

In 2017, the City of Littleton requested a major drainageway planning study and flood hazard area delineation (FHAD) for Jackass Gulch. The watershed is entirely within the City of Littleton's jurisdictional boundary.

Previous UDFCD studies of Jackass Gulch include:

- "Lower Dad Clark Gulch and DFA 0068 Outfall Systems Planning," (Centennial, 1991)

In a 100-year storm event, flows from Jackass Gulch cannot be conveyed and as a result, Santa Fe would experience flooding. Utilizing better topographic data and current modeling techniques in this complicated area will provide a more accurate depiction of the flood risk to people and property within the watershed. There is also potential for additional development in the future and the local government needs to understand the flood risk to help guide development.

The master planning costs are projected to be \$100,000 with the local sponsors contributing \$50,000.

Resolution No. 17 authorizes \$50,000 of District funds from the General Fund to be at least matched by the City of Littleton for the planning study.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 17 on the Consent Agenda.

b. Authorization to Participate in a Planning Study of Van Bibber Creek

(Resolution No. 18, Series of 2019)

In 2017, Jefferson County requested a major drainageway planning study and flood hazard area delineation for Van Bibber Creek. Arvada agreed to participate in the study as funding sponsors.

Previous UDFCD studies of Van Bibber Creek include:

- "Lower Ralston/Van Bibber and Leyden Creeks Major Drainageway Planning Phase B Report," (Wright Water, 1986)
- "Major Drainageway Planning Van Bibber Creek," (Gingery, 1977)

The watershed has developed significantly since the previous studies. Utilizing better topographic data and current modeling techniques will provide a more accurate depiction of the flood risk to people and property within the watershed. There is also potential for additional development in the future and the local governments need to understand the flood risk to help guide development.

The master planning costs are projected to be \$200,000 with the local sponsors contributing \$100,000.

Resolution No. 18 authorizes \$100,000 of District funds from the General Fund to be at least matched by Jefferson County and the City of Arvada for the planning study.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 18 on the Consent Agenda.

c. Authorization to Participate in a Planning Study of Greenwood Village
(Resolution No. 19, Series of 2019)

In 2016, the City of Greenwood Village requested an outfall systems planning study for the area tributary to major streams within the city boundary. The study area is coincident with the City of Greenwood Village jurisdictional boundary. The city would like to have a city-wide plan for major storm drainage improvements to be used to determine capital improvement projects and to determine opportunities to implement improvements in coordination with other city activities. The master planning costs are projected to be \$150,000 with the local sponsors contributing \$75,000.

Resolution No. 19 authorizes \$75,000 of District funds from the General Fund to be at least matched by the City of Greenwood Village for the planning study.

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

d. Acceptance of Flood Hazard Area Delineation Report for Sanderson Gulch
(Resolution No. 20, Series of 2019)

The District previously partnered with the City and County of Denver and the City of Lakewood to prepare the "Flood Hazard Area Delineation Sanderson Gulch," (Matrix, 2013). After the District updated the regional rainfall-runoff model utilizing the Colorado Urban Hydrograph Procedure in 2016, the revised model produced different results than previously. In the case of North Sanderson Gulch, the revised results indicated many fewer insurable structures in the 100-year floodplain than the previous model results. Therefore the City of Lakewood and the City and County of Denver requested an update to the floodplain mapping study. The District funded the FHAD fully, but partnered with City of Lakewood and the City and County of Denver to prepare the study. Matrix Design Group was selected to perform the study.

Sanderson Gulch is a left bank tributary to the South Platte River, draining a watershed that is 7.6 square miles in area, including its main tributary North Sanderson Gulch. There are approximately 64 insurable structures within the newly mapped Sanderson Gulch 100-year floodplain, which is less than the number shown in the previous FHAD.

Resolution No. 20 accepts the flood hazard area delineation report for Sanderson Gulch. Upon acceptance, the report 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 Lakewood will be able to regulate to the new floodplains.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 20 on the Consent Agenda.

e. Acceptance of Flood Hazard Area Delineation Report for Third Creek
(Resolution No. 21, Series of 2019)

Resolution 28 of 2015 authorized a major drainageway plan and flood hazard area delineation for Third Creek. The District funded the FHAD fully, but partnered with Adams County, the City of Brighton, the City of Commerce City, and the City of Aurora to prepare the study. Matrix Design Group was selected to perform the study.

Third Creek is a right bank tributary to the South Platte River, draining a watershed that is 30.8 square miles in area. The effective floodplain map is based on the delineation produced in the "Flood Hazard Area Delineation Second Creek & Third Creek," (Gingery, 1976) along with any Letters of Map Change that have occurred since that time. This study updated the delineation using the latest topography, more detailed survey information, and the most up-to-date hydraulic modeling software.

There are approximately 27 insurable structures within the newly mapped Third Creek 100-year floodplain, which is slightly less than the number shown on the current FEMA maps.

Resolution No. 21 accepts the flood hazard area delineation report for Third Creek. Upon acceptance, the report will be submitted to the Colorado Water Conservation Board for designation and approval. At that point, Adams County, the City of Brighton, the City of Commerce City, and the City of Aurora will be able to regulate to the new floodplains.

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

- f. Authorization to Participate in Drainage and Flood Control Improvements on Sand Creek - Baranmor Ditch at Zion Street and Billings Street, City of Aurora, Arapahoe County (Resolution No. 22, Series of 2019)

This is a joint project with the City of Aurora. The City of Aurora desires to design and construct improvements along Sand Creek – Baranmor Ditch at Zion Street and Billings Street in accordance with the "Sand Creek Colfax to Yale Major Drainageway Plan," dated August 2013. The project includes improvements to two existing roadway culverts. The need for channel improvements will be evaluated during design. Both downstream reaches of Baranmor have been completed as identified in the outfall systems plan.

The District will be administering the design once a consulting engineering firm is selected. The District and the City of Aurora have identified \$200,000 in initial project costs for the design with the District's participation being \$100,000 in 2019 funds. It is anticipated that additional funds may be required for this project in the future.

Resolution No. 22 authorizes \$100,000 of District funds from the Special Revenue Fund - Construction to be at least matched by the City of Aurora for the design, acquisition of right-of-way, and construction of the drainage elements of the project.

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

- g. Authorization to Participate in Drainage and Flood Control Improvements on Dutch Creek at Coal Mine Road, Jefferson County (Resolution No. 23, Series of 2019)

This is a joint project with Jefferson County. The District and Jefferson County desire to design, acquire right-of-way, and construct improvements along Dutch Creek in accordance with the "Dutch Creek, Coon Creek, Lilley Gulch, and Three Lakes Tributary Major Drainageway Planning Preliminary Design Report," by PBS&J, dated December 2008.

The project includes improvements to the undersized Dutch Creek crossing of Coal Mine Road and the upstream and downstream channel transitions as necessary to eliminate roadway overtopping during a 100-year flood event. Easement and right-of-way acquisition will be included in the project costs. The District will be administering the design once a consulting engineering firm is selected. The District and Jefferson County desire to construct the improvements which will be managed by the District. Construction is anticipated in 2021- 2022.

The District and Jefferson County have identified \$550,000 in initial project costs for the design, right-of-way acquisition, and partial funding of construction with the District's participation being \$275,000 in 2019 funds. It is anticipated that additional funds may be required for this project in the future.

Resolution No. 23 authorizes \$275,000 of District funds from the Special Revenue Fund - Construction to be at least matched by Jefferson 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. 23 on the Consent Agenda.

- h. Authorization to Participate in Drainage and Flood Control Improvements on Fairgrounds Tributary Downstream of Uinta Street, City of Thornton
(Resolution No. 24, Series of 2019)

The City of Thornton and the District cooperated in the preparation of “Brantner Gulch Northern Tributary Watersheds Major Drainageway Planning Study,” dated April 1998; which recommends improvements on Fairgrounds Tributary downstream of Uinta Street. Timberleaf 146 LLC & 136th & Yosemite LLC is developing the area along Fairgrounds Tributary downstream of Uinta Street in the City of Thornton. The development is called Timberleaf and consists of approximately 150 acres. The site is being developed for residential use.

The City of Thornton, as part of their land development approval process, requires the master planned improvements to be implemented. The improvements include reservation of a stream corridor and stream stabilization measures to mitigate for the impacts of development.

The City of Thornton and Timberleaf 146 LLC & 136th & Yosemite LLC have requested that the District manage the design and construction of improvements required by the City of Thornton as a result of a development in-lieu of Timberleaf 146 LLC & 136th & Yosemite LLC designing and constructing those improvements along Fairgrounds Tributary downstream of Uinta Street. Preliminary project costs are estimated to be \$1,000,000.

Resolution No. 24 authorizes the District to collect funds from Timberleaf 146 LLC & 136th & Yosemite LLC into the Development Services Enterprise 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. 24 on the Consent Agenda.

- i. Authorization to Participate in Drainage and Flood Control Improvements
on Grange Hall Creek Tributary Northeast from York Street to 112th Avenue, City of Thornton
(Resolution No. 25, Series of 2019)

The City of Thornton and the District cooperated in the preparation of “Grange Hall Creek and Tributaries Major Drainageway Plan,” dated July 2018; which recommends improvements on Grange Hall Creek Tributary Northeast from York Street to 112th Avenue. The 112th & York LLC is developing the area along Grange Hall Creek Tributary Northeast from York Street to 112th Avenue in the City of Thornton. The development consists of approximately 50 acres. The site is being developed for residential use.

The City of Thornton, as part of their land development approval process, requires the master planned improvements to be implemented. The improvements include reservation of a stream corridor and stream stabilization measures to mitigate for the impacts of development. The City of Thornton and 112th & York LLC have requested that the District manage the design and construction of improvements required by the City of Thornton as a result of a development in lieu of 112th & York LLC designing and constructing those improvements along Grange Hall Creek Tributary Northeast from York Street to 112th Avenue. Preliminary project costs are estimated to be \$4,000,000.

Resolution No. 25 authorizes the District to collect funds from 112th & York LLC into the Development Services Enterprise 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. 25 on the Consent Agenda.

- j. Authorization to Participate in Drainage and Flood Control Improvements on Todd Creek from E-470 to Quebec Street, City of Thornton (Resolution No. 26, Series of 2019)

The City of Thornton and the District cooperated in the preparation of "Todd Creek and Direct Flow Area (DFA) 0052 Watersheds Outfall Systems Planning Study," dated December 2003 which recommends improvements on Todd Creek from E-470 to Quebec Street. Hines Interest Limited Partnership is developing the area along Todd Creek from E-470 to Quebec Street in the City of Thornton. The development is called Parterre and consists of approximately 300 acres. The site is being developed for mixed residential and commercial uses.

The City of Thornton, as part of their land development approval process, requires the master planned improvements to be implemented. The improvements include reserving a stream corridor and stream stabilization measures to mitigate for the impacts of development. The City of Thornton and Hines Interest Limited Partnership have requested that the District manage the design and construction of improvements required by the City of Thornton as a result of a development in lieu of Hines Interest Limited Partnership designing and constructing those improvements along Todd Creek from E-470 to Quebec Street. Preliminary project costs are estimated to be \$3,500,000.

Resolution No. 26 authorizes the District to collect funds from Hines Interest Limited Partnership into the Development Services Enterprise 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. 26 on the Consent Agenda.

- k. Authorization to Participate in Drainage and Flood Control Improvements on Weaver Creek at Swarthmore Avenue, Jefferson County (Resolution No. 27, Series of 2019)

This is a joint project with Jefferson County. The District and Jefferson County desire to design and construct improvements along Weaver Creek near Swarthmore Avenue in accordance with the "Weaver Creek Major Drainageway Plan," by Olsson, dated February 2018.

The project includes channel improvements and drop structure replacement to eliminate a 100-year floodplain spill that causes at least 4 homes to be within the 100-year floodplain. Olsson was selected to design the project under contract with the District. The District and Jefferson County desire to construct the improvements, which will be managed by the District. Construction is anticipated in 2020.

The District and Jefferson County 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 2019 funds. It is anticipated that additional funds may be required for this project in the future.

Resolution No. 27 authorizes \$150,000 of District funds from the Special Revenue Fund - Construction to be at least matched by Jefferson 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. 27 on the Consent Agenda.

- l. Authorization to Participate in Drainage and Flood Control Improvements on Goldsmith Gulch West Tributary at Fair Avenue, in Greenwood Village, Arapahoe County (Resolution No. 28, Series of 2019)

This is a joint project with Greenwood Village. Greenwood Village desires to design and construct improvements along Goldsmith Gulch in accordance with the "Upper Goldsmith Gulch Outfall Systems Planning Conceptual Design Report," dated Nov. 2005. The project includes improvements to Goldsmith Gulch West Tributary at Fairview Avenue. Greenwood Village already holds the necessary easements and right-of-way where the project will be carried out. The District will be administering the design with Muller Engineering Company. Construction is anticipated in 2021.

The District and Greenwood Village have identified \$2,000,000 in initial project costs for the design and partial funding of construction with the District's participation being \$375,000 in 2019 funds. It is anticipated that additional funds may be required for this project in the future.

Resolution No. 28 authorizes \$375,000 of District funds from the Special Revenue Fund - Construction to be at least matched by Greenwood Village 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. 28 on the Consent Agenda.

8. Consent Agenda

Mr. MacKenzie announced that the resolutions under the Consent Agenda would not include presentations. Mr. MacKenzie asked the Board if they had any questions regarding any of the resolutions included on the Consent Agenda. There being no further comments or questions, it was the consensus of the Board to place Resolutions 29 through 37 on the Consent Agenda.

a. Review of Cash Disbursements

The Cash Disbursement list, dated January, February, and March 2019, has been distributed to the Board for review. There being no further comments or questions, it was the consensus of the Board to include approval of the Cash Disbursements on the Consent Agenda.

b. Additional Authorization to Participate in Drainage and Flood Control Improvements on the 22nd Avenue Outfall to Westerly Creek, City of Aurora, Adams County (Resolution No. 29, Series of 2019)

c. 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. 30, Series of 2019)

d. Additional Authorization to Participate in Drainage and Flood Control Improvements on Nissen Reservoir Drainageway, Lowell Boulevard to Tennyson Street, City and County of Broomfield (Resolution No. 31, Series of 2019)

e. 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. 32, Series of 2019)

f. Additional Authorization to Participate in Drainage and Flood Control Improvements on Littles Creek at Gallup Street, City of Littleton, Arapahoe County (Resolution No. 33, Series of 2019)

g. Additional Authorization to Participate in Drainage and Flood Control Improvements on Platte Farm Open Space Detention Basin, City and County of Denver (Resolution No. 34, Series of 2019)

h. 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. 35, Series of 2019)

i. Additional Authorization to Participate in Drainage and Flood Control Improvements on Van Bibber Creek at McIntyre Street, Jefferson County (Resolution No. 36, Series of 2019)

j. Acceptance of 2018 Audit Report (Resolution No. 37, Series of 2019)

9. Vote on Approval of the Consent Agenda

It was the consensus of the Board that Resolutions No. 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, and 37, Series of 2019, and Review of Cash Disbursements dated January, February, and March 2019, be placed on the Consent Agenda. Councilwoman Gilmore moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

10. Reports/Discussions

a. Executive Director's Report

Budget Report

Mr. MacKenzie provided an update on the 2019 Budget broken down by discipline.

Legislative Update

The District has two bills going through legislation:

HB19-1213 "Urban Drainage Flood Control District Director Compensation"

This bill would increase District Director Compensation from \$75/meeting to \$100/meeting. The bill's sponsors are Representative Brianna Titone and Senator Kevin Priola. The bill passed on third reading in the House on March 20. This bill is now on its way to the Senate.

A second bill, to eliminate the statutory meeting on the first business day of February, has not yet been introduced or given a bill number. It is still in legislative legal services with the drafter. It has received late bill status and as long as we get it to the floor by March 26, we will get a hearing.

Preservation of Floodways and Floodplains Policy

The governing statute for UDFCD's taxing authority, 32-11-217(c)(I) CRS Financial Powers of the District, states in part that "not more than four-tenths of a mill shall be used for maintenance and preservation of floodways and floodplains." Resolution No. 70, Series of 1989 set forth a comprehensive policy statement concerning the use of funds for the preservation of floodplains and floodways, which has been amended twice (Resolution No. 62, Series of 1990 and Resolution No. 10, Series of 1994).

In addition to these three resolutions, the Board established a preservation fund in 1991 (Resolution No. 63, Series of 1991) which has also been amended twice (Resolution No. 13, Series of 2001 and Resolution No. 26, Series of 2008), totaling six resolutions regarding the Preservation Fund. Mr. MacKenzie proposed a repeal to all six, replacing them with one clean resolution that resolves several conflicts and un-implementable prescriptions currently stated among them. MacKenzie further suggested the 1991 funding level of \$500,000 should be increased to \$3,000,000 as supported by the Denver Regional Housing Cost Index.

As an example of conflicting statements, Mr. MacKenzie pointed out that the current preservation of floodplains and floodways policy requires funds to be spent pro rata to county revenue contributions, while the current (and much more recent) floodplain preservation funding resolution expressly waives that requirement.

Following Mr. MacKenzie's presentation, the Board had a few concerns regarding public perception, fund allocation, and replenishment. It was agreed that this topic would require further Board discussion. Mr. MacKenzie will prepare a draft resolution and distribute to the Board ahead of the April Board Meeting

b. Project Showcase

Mr. Bryan Kohlenberg, Project Manager, Stream Services, conducted a presentation highlighting the following projects:

- McIntyre Gulch (downstream of Garrison Street)
- Weir Gulch (downstream of Garrison Street)
- West Fork Kenney's Run
- Clear Creek Greenbelt (Wheat Ridge)

11. Announcements

a. UDFCD Board of Directors - Rebranding Meeting: March 27, 2019 at 3:00 pm

The Rebranding Meeting is scheduled to take place next Wednesday, March 27 at 3pm. All Board Members are invited to attend. An option to participate via conference call is also available for those that cannot attend in person.

b. Annual Seminar: Tuesday, April 2, 2019

The annual seminar will take place on Tuesday, April 2, 2019 from 8 a.m. to 4 p.m. at the Omni Interlocken Hotel in Broomfield. The UDFCD Annual Seminar is an all-day event featuring presentations by UDFCD staff and research partners. All Board Members are encouraged to attend, free of charge.

c. Next Board Meeting: Thursday, April 18, 2019

The next regularly scheduled Board meeting will take place on Thursday, April 18, 2019.

12. Adjournment

Councilwoman Gilmore adjourned the meeting at 3:05 p.m.

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 38, SERIES OF 2019 (Opposing Denver Ballot Initiative 300)

WHEREAS, local initiated ordinance 300 (I-300), known as Denver's "Right to Survive" initiative, will appear on the Denver ballot in May 2019; and

WHEREAS, this measure purports to supersede Denver's urban camping ban, an ordinance passed by Denver City Council in 2012; and

WHEREAS, the voters of the City of Denver will be considering an initiated ordinance, I-300, which states "Shall the voters of the City and County of Denver adopt a measure that secures and enforces basic rights for all people within the jurisdiction of the City and County of Denver, including the right to rest and shelter oneself from the elements in a non-obstructive manner in outdoor public spaces, to eat, share, accept, or give free food in any public space where food is not prohibited, to occupy one's own legally parked motor vehicle, or occupy a legally parked motor vehicle belonging to another, with the owner's permission, and to have a right and expectation of privacy and safety of or in one's person and property?"; and

WHEREAS, I-300 creates the right for people to rest and shelter themselves in all outdoor public spaces owned or leased by the City and County of Denver; and

WHEREAS, the District maintains a great many waterways and associated drainage and flood control infrastructure within the City and County of Denver which would be considered "public space" as defined in I-300; and

WHEREAS, I-300 is a broadly written proposal that could have far-reaching impacts on a number of city policies designed to protect public safety and the integrity of public places used by all members of the community; and

WHEREAS, I-300 may not allow for removal of persons, shelters or camp sites where public health and safety concerns are present; and

WHEREAS, allowing people to shelter themselves near or within District infrastructure such as rivers, creeks, gulches, detention basins, drains, and pipes could create legitimate and serious public safety concerns; and

WHEREAS, allowing people to shelter themselves near or within District infrastructure without running water, toilets and trash collection has already been proven to create legitimate and serious public health and environmental concerns; and

WHEREAS, the adoption of I-300 could interfere with the District's ability to manage property and infrastructure in order to effectively convey floodwaters in a manner that protects public health and safety; and

WHEREAS, I-300 creates the right to sue the City, public servants, and private citizens, opening the door to potentially costly and lengthy civil and criminal litigation that could impact the District or its employees; and

WHEREAS, the Board of Directors recognizes the need for regional cooperation to create better systems for service delivery and transitional housing for our homeless population, and acknowledges their right to dignified housing and services but also agrees with the Denver Homeless Leadership Council (HLC) position that I-300, if approved by the voters, would be detrimental both to the homeless and the community at large.

NOW, THEREFORE, BE IT RESOLVED THAT:

The District hereby opposes the initiated ordinance 300 (I-300), known as Denver's "Right to Survive" initiative, and urges a vote of NO this May. This position notwithstanding, the District recognizes and affirms the need for regional cooperation to create better systems for service delivery and transitional housing for our homeless population; acknowledges their right to dignified housing and services, and urges local governments within the District to work together toward sustainable solutions to homelessness.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 39, SERIES OF 2019
(Acceptance of Third Creek Planning Study)

WHEREAS, the District cooperated with Adams County, the City of Commerce City, the City of Brighton, and the City of Aurora in the preparation of a major drainageway for Third Creek (Resolution No. 28, Series of 2015); 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 Third Creek; and

WHEREAS, Matrix Design Group, Inc. has completed the study and submitted to the District the report titled "Third Creek Major Drainageway Plan," dated November 2018.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board of Directors of the Urban Drainage and Flood Control District hereby accepts the report titled "Third Creek Major Drainageway Plan," dated November 2018, 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. 39, SERIES OF 2019
(Acceptance of Third Creek Planning Study)

EXHIBIT A

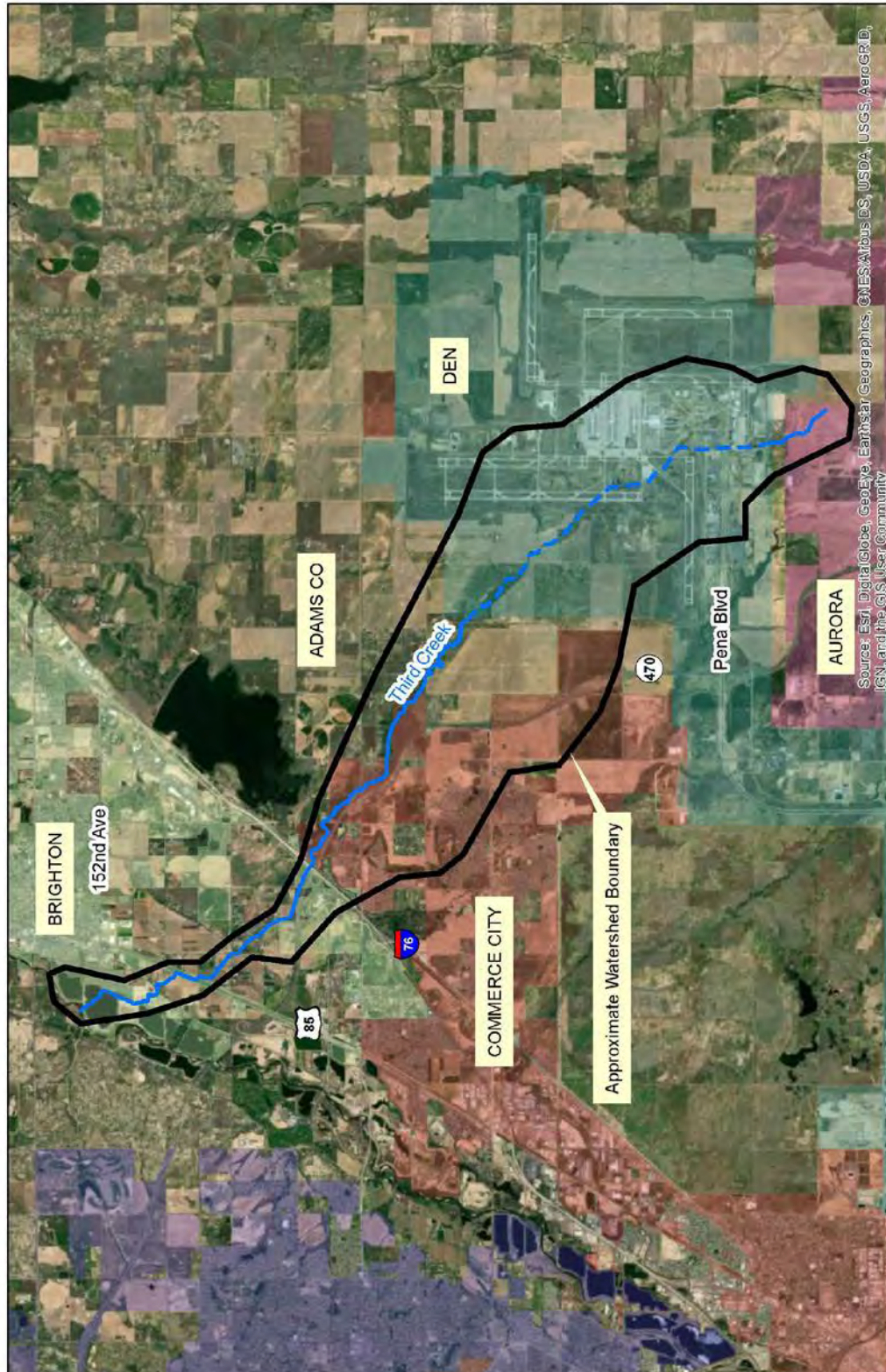


EXHIBIT A
Third Creek MDP
Approximate Study Limits
April 2019

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 40, SERIES OF 2019 (Authorization to Participate in Drainage and Flood Control Improvements on Irondale Gulch Tributaries, City and County of Denver)

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

WHEREAS, the City and County of Denver has enacted floodplain regulations; and

WHEREAS, the City and County of Denver and the District cooperated in the preparation of "Irondale Gulch (Upstream of Rocky Mountain Arsenal) Outfall Systems Plan," currently in progress; which recommends improvements on the Irondale Gulch Tributaries; and

WHEREAS, the City and County of Denver has requested District participation in the design, acquisition of right-of-way, and construction of improvements to the Irondale Gulch Tributaries (Exhibit A); and

WHEREAS, the City and County of Denver has estimated the initial project costs to be \$100,000; and

WHEREAS, the District's participation being authorized by this resolution is \$50,000 to be at least matched by the City and County of Denver; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund–Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019, which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements along the Irondale Gulch Tributaries; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for the improvements along the Irondale Gulch Tributaries.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with the City and County of Denver for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on the Irondale Gulch Tributaries.
2. The Executive Director is authorized to enter into agreements 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 Irondale Gulch Tributaries.
3. The District's maximum contribution to the Irondale Gulch Tributaries 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 and County of Denver.
4. Such approval for expenditure of District funds is contingent upon City and County of Denver agreeing to regulate and control any defined floodplain in the Irondale Gulch Tributaries 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:

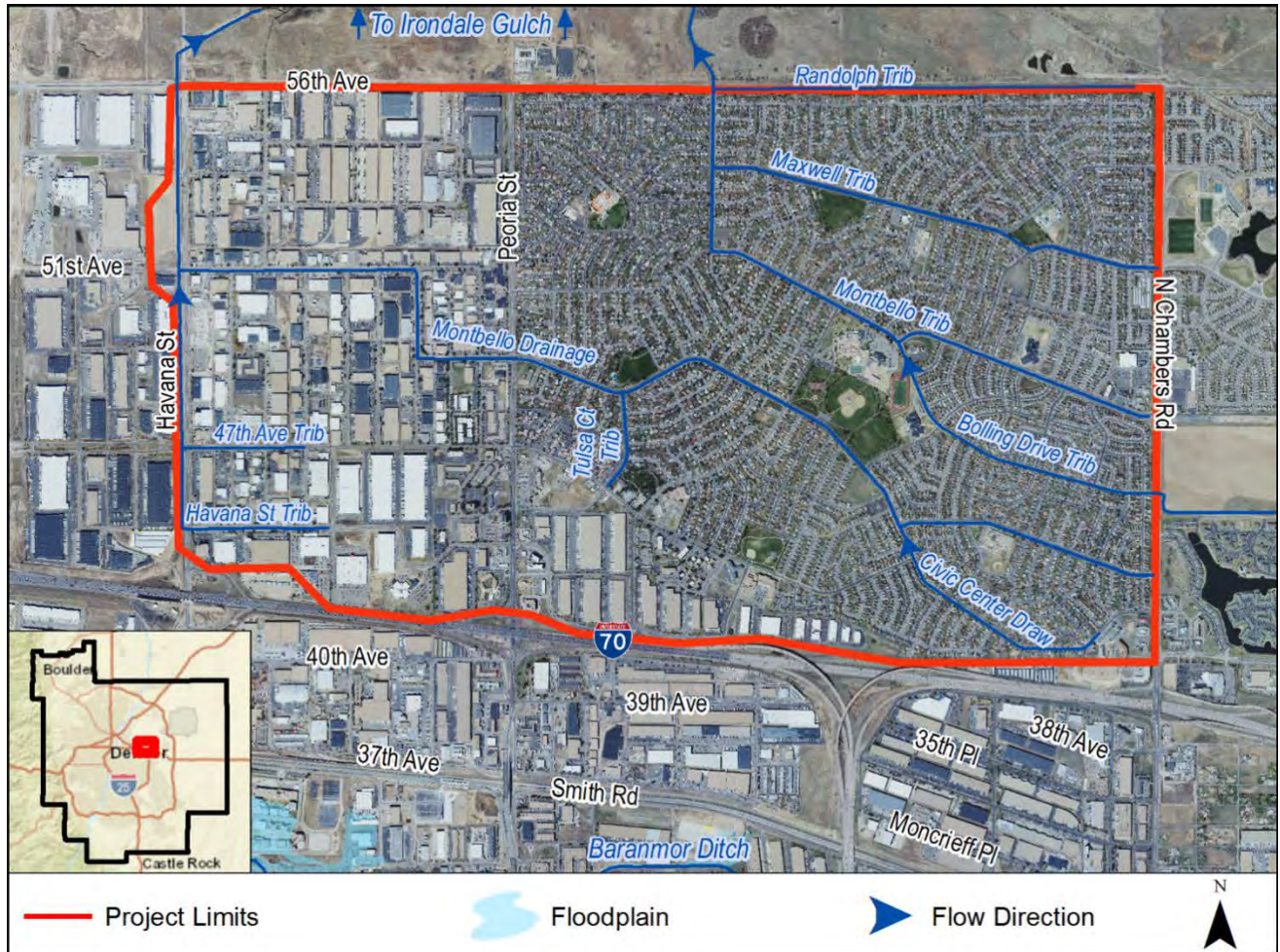
Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 40, SERIES OF 2019
(Authorization to Participate in Drainage and Flood Control Improvements
on Irondale Gulch Tributaries City and County of Denver)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 41, SERIES OF 2019 (Authorization to Participate in Drainage and Flood Control Improvements on Rooney Gulch Upstream of Morrison Road, City of Lakewood, Jefferson County)

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

WHEREAS, Jefferson County and the City of Lakewood have enacted floodplain regulations; and

WHEREAS, Jefferson County, the City of Lakewood, and the District cooperated in the preparation of "Morrison Area Major Drainageway Planning Report," dated January 1990, which recommends improvements on Rooney Gulch; and

WHEREAS, Jefferson County, the City of Lakewood, and Ventana Capital, Inc. have requested that the District manage the design and construction of improvements required by Jefferson County and the City of Lakewood as a result of a development in lieu of Ventana Capital, Inc. designing and constructing those improvements along Rooney Gulch upstream of Morrison Road (Exhibit A); and

WHEREAS, preliminary project costs are estimated to be \$6,000,000; and

WHEREAS, the District established a water activity enterprise known as the Development Services Enterprise (DSE) (Resolution No. 38, Series of 2017) which allows the District to collect design, construction, and administration fees from Ventana Capital, Inc. to manage the design and construction of drainage and flood control improvements along Rooney Gulch upstream of Morrison Road; and

WHEREAS, expenditures in 2019 from the DSE have been budgeted (Resolution No. 64, Series of 2018).

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with Ventana Capital, Inc. for the design and construction of drainage and flood control improvements on Rooney Gulch upstream of Morrison Road.
2. The District is authorized to collect from Ventana Capital, Inc. (land developer) sufficient fees to cover the cost of the preliminary design, the final design, and construction of the improvements, plus the District's administrative fee and to deposit those fees in a project-specific account in a separate Development Services Enterprise (DSE) fund which shall be set apart from all other funds of the District
3. The Executive Director is authorized to enter into agreements with qualified engineers, qualified contractors, and others as necessary for the design and construction of drainage and flood control improvements on Rooney Gulch upstream of Morrison Road.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

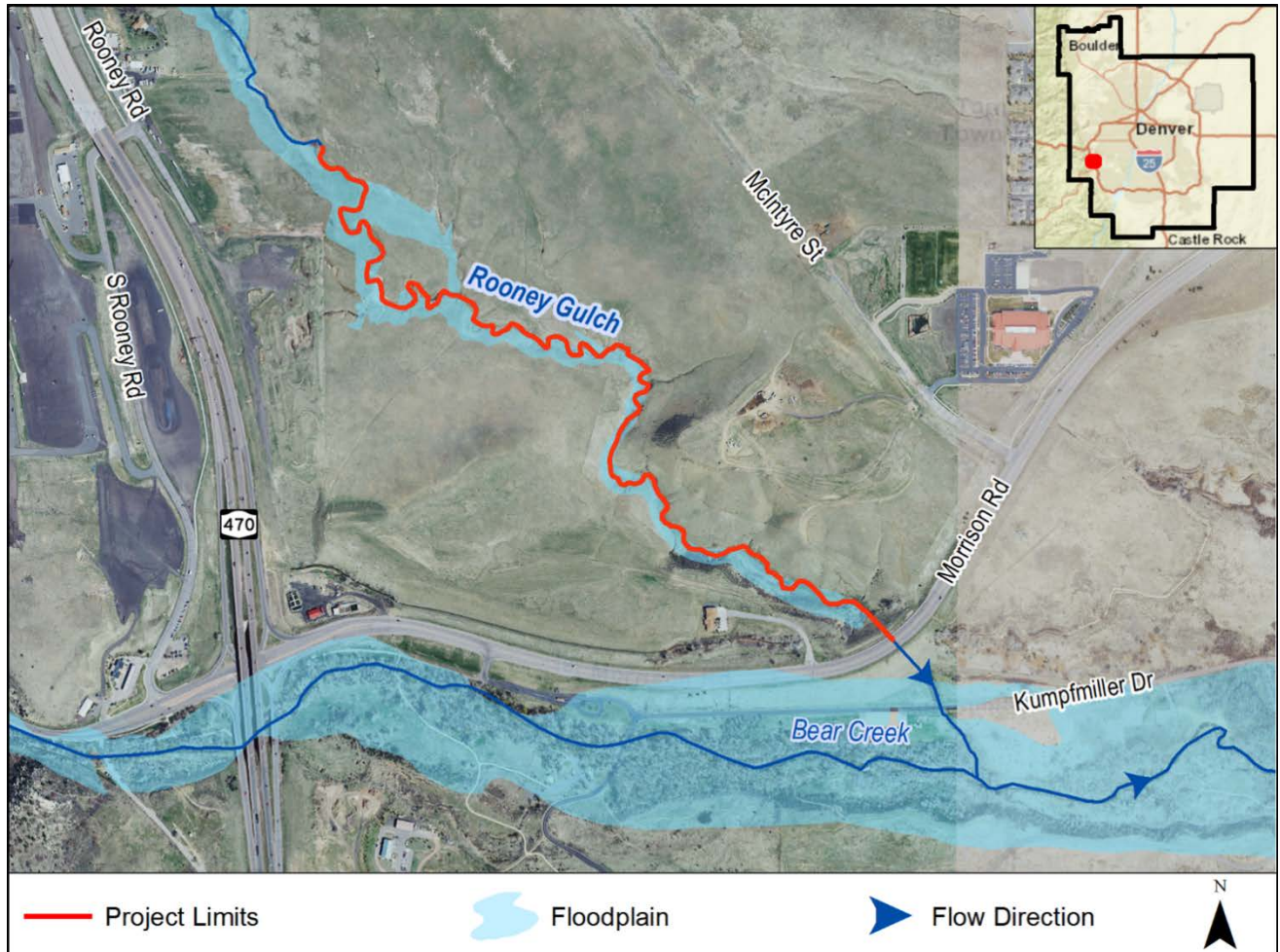
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 41, SERIES OF 2019

(Authorization to Participate in Drainage and Flood Control Improvements
on Rooney Gulch Upstream of Morrison Road, City of Lakewood, Jefferson County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 42, SERIES OF 2019 (Authorization to Participate in Drainage and Flood Control Improvements on West Toll Gate Creek at Himalaya Street, 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, Arapahoe County has assigned and transferred to the Southeast Metro Stormwater Authority (SEMSWA) its rights and obligations for the West Toll Gate Creek at Himalaya Street project; and

WHEREAS, SEMSWA and the District cooperated in the preparation of "West Toll Gate Creek Major Drainageway Plan," dated December 2012; which recommends improvements on West Toll Gate Creek at Himalaya Street; and

WHEREAS, SEMSWA has requested District participation in the design, acquisition of right-of-way, and construction of improvements to West Toll Gate Creek at Himalaya Street (Exhibit A); and

WHEREAS, SEMSWA has estimated the initial project costs to be \$300,000; and

WHEREAS, the District's participation being authorized by this resolution is \$100,000 to be at least matched by SEMSWA; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund–Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019, which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements along West Toll Gate Creek at Himalaya Street; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for the improvements along West Toll Gate Creek at Himalaya Street.

NOW, THEREFORE, BE IT RESOLVED THAT:

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

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

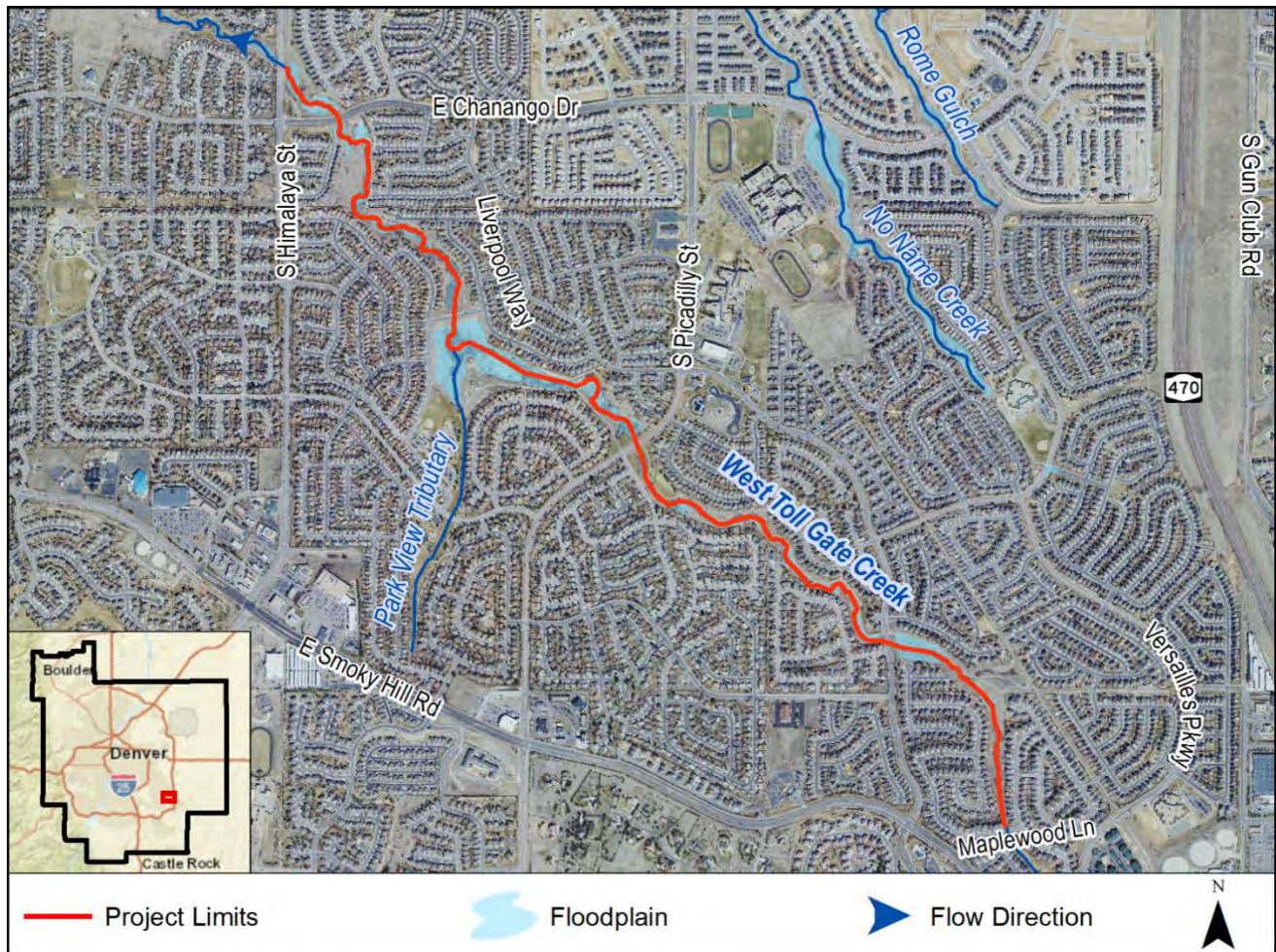
Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 42, SERIES OF 2019
(Authorization to Participate in Drainage and Flood Control Improvements
on West Toll Gate Creek at Himalaya Street, Arapahoe County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 43, SERIES OF 2019

(Authorization to Participate in Drainage and Flood Control Improvements
on Unnamed Creek from Quincy Avenue to Shawnee Way, 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, Arapahoe County has assigned and transferred to the Southeast Metro Stormwater Authority (SEMSWA) its rights and obligations for the Unnamed Creek from Quincy Avenue to Shawnee Way project; and

WHEREAS, SEMSWA and the District cooperated in the preparation of "West Toll Gate Creek Major Drainageway Plan," dated December 2012; which recommends improvements on Unnamed Creek from Quincy Avenue to Shawnee Way; and

WHEREAS, SEMSWA has requested District participation in the design, acquisition of right-of-way, and construction of improvements to Unnamed Creek from Quincy Avenue to Shawnee Way (Exhibit A); and

WHEREAS, SEMSWA has estimated the initial project costs to be \$600,000; and

WHEREAS, the District's participation being authorized by this resolution is \$200,000 to be at least matched by SEMSWA; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019, which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements along Unnamed Creek from Quincy Avenue to Shawnee Way; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for the improvements along Unnamed Creek from Quincy Avenue to Shawnee Way.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with the Southeast Metro Stormwater Authority (SEMSWA) for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Unnamed Creek from Quincy Avenue to Shawnee Way.
2. The Executive Director is authorized to enter into agreements 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 Unnamed Creek from Quincy Avenue to Shawnee Way.
3. The District's maximum contribution to the Unnamed Creek from Quincy Avenue to Shawnee Way 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 SEMSWA.
4. Such approval for expenditure of District funds is contingent upon SEMSWA agreeing to regulate and control any defined floodplain in the Unnamed Creek from Quincy Avenue to Shawnee Way 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. 43, SERIES OF 2019

(Authorization to Participate in Drainage and Flood Control Improvements
on Unnamed Creek from Quincy Avenue to Shawnee Way, Arapahoe County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 44, SERIES OF 2019 (Authorization to Participate in Drainage and Flood Control Improvements on Baldwin Gulch Dam Upstream of Pine Drive, Douglas County)

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

WHEREAS, Douglas County has enacted floodplain regulations; and

WHEREAS, Douglas County and the District cooperated in the preparation of "Baldwin Gulch – Pine Drive to Baldwin Dam Conceptual Channel Stabilization Plan," dated March 2016; which recommends improvements on Baldwin Gulch Dam upstream of Pine Drive; and

WHEREAS, Douglas County has requested District participation in the design of improvements to Baldwin Gulch Dam upstream of Pine Drive (Exhibit A); and

WHEREAS, Douglas County has estimated the initial project costs to be \$100,000; and

WHEREAS, the District's participation being authorized by this resolution is \$50,000 to be at least matched by Douglas County; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019, which includes funds for construction of drainage and flood control improvements along Baldwin Gulch Dam upstream of Pine Drive; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for the improvements along Baldwin Gulch Dam upstream of Pine Drive.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with Douglas County for the construction of drainage and flood control improvements on Baldwin Gulch Dam upstream of Pine Drive.
2. The Executive Director is authorized to enter into agreements with qualified engineers, qualified contractors, and others as necessary for the design of drainage and flood control improvements on Baldwin Gulch Dam upstream of Pine Drive.
3. The District's maximum contribution to the Baldwin Gulch Dam upstream of Pine Drive 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 Douglas County.
4. Such approval for expenditure of District funds is contingent upon Douglas County agreeing to regulate and control any defined floodplain in the Baldwin Gulch Dam upstream of Pine Drive project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

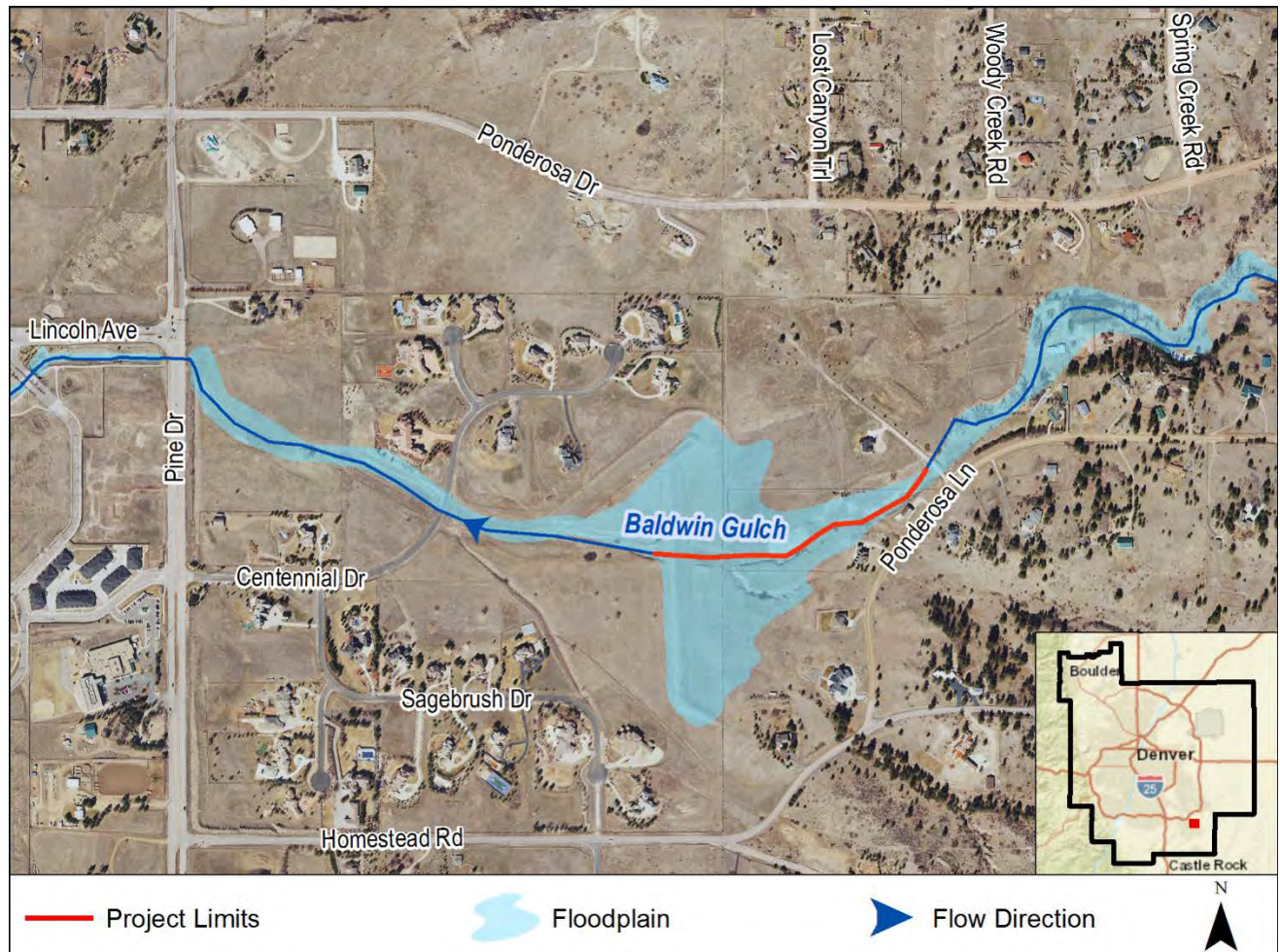
Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 44, SERIES OF 2019
(Authorization to Participate in Drainage and Flood Control Improvements
on Baldwin Gulch Dam Upstream of Pine Drive, Douglas County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 45, SERIES OF 2019
(Creation of a "Doing Business As" Name for the District)

WHEREAS, in July of 2017, a poll of 1,200 residents of the District indicated that 85% of District residents are unfamiliar with this organization; and

WHEREAS, during the course of a public outreach and education campaign in 2017 and 2018, the public affairs consultant advised the Board of Directors that the name "Urban Drainage and Flood Control District" is problematic for the purpose of name recognition with the general public and for the purpose of that campaign should be shortened to "the Flood Control District;" and

WHEREAS, at the December 21, 2018 Board of Directors meeting, a discussion on renaming the District was held, with several Board Members stating that the name "Urban Drainage and Flood Control District" is cumbersome; that the name should represent the diverse political face of the District, and that the word "Urban" does not reflect who we represent; and

WHEREAS, at the December 21, 2018 Board of Directors meeting, (Resolution No. 77, Series of 2018), the Board authorized the Executive Director to enter into agreements with qualified consultants and others as necessary to initiate a potential renaming and rebranding effort in 2019; and

WHEREAS, the Executive Director executed an agreement for renaming and rebranding services with the consulting firm Agency Off Record (AOR) to make recommendations to the Board regarding potential "Doing Business As" (DBA) names; and

WHEREAS, AOR has completed the discovery phase of their work and has found common themes from the polled results of the Board of Directors, District staff, and others, including that having a long and cumbersome name results in being called "Urban Drainage," which speaks neither to our mission nor location, and

WHEREAS, several Board Members further indicated that the weakest part of our brand makes people confused as to what we do; and

WHEREAS, in order for the District to better educate and inform the public about flooding and flood risk, stormwater quality issues, and the importance of the work the District does, it is useful to have name recognition that is facilitated by an easily remembered name with a sense of place; and

WHEREAS, at the District Board meeting on April 18, 2019, AOR presented DBA name options to the Board of Directors, and the Board voted to select the following name as the District's new DBA name:

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board hereby adopts the following "Doing Business As" name for the District, to be used in outreach to better educate and inform the public about flooding and flood risk, stormwater quality issues, and the importance of the work the District does:

2. The District's official legal name shall continue to be "The Urban Drainage and Flood Control District, as specified in 32-11-201 CRS.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 46, SERIES OF 2019
(Authorization to Participate in Drainage and Flood Control Improvements
on Rooney Gulch Upstream of C-470, 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 "Morrison Area Major Drainageway Planning Report," dated January 1990, which recommends improvements on Rooney Gulch; and

WHEREAS, Jefferson County and Stream Realty Acquisition, L.L.C. have requested that the District manage the design and construction of improvements required by Jefferson County as a result of a development in lieu of Stream Realty Acquisition, L.L.C. designing and constructing those improvements along Rooney Gulch upstream of C-470 (Exhibit A); and

WHEREAS, preliminary project costs are estimated to be \$3,000,000; and

WHEREAS, the District established a water activity enterprise known as the Development Services Enterprise (DSE) (Resolution No. 38, Series of 2017) which allows the District to collect design, construction, and administration fees from Stream Realty Acquisition, L.L.C. to manage the design and construction of drainage and flood control improvements along Rooney Gulch upstream of C-470; and

WHEREAS, expenditures in 2019 from the DSE have been budgeted (Resolution No. 64, Series of 2018).

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with Stream Realty Acquisition, L.L.C. for the design and construction of drainage and flood control improvements on Rooney Gulch upstream of C-470.
2. The District is authorized to collect from Stream Realty Acquisition, L.L.C. (land developer) sufficient fees to cover the cost of the preliminary design, the final design, and construction of the improvements, plus the District's administrative fee and to deposit those fees in a project-specific account in a separate Development Services Enterprise (DSE) fund which shall be set apart from all other funds of the District
3. The Executive Director is authorized to enter into agreements with qualified engineers, qualified contractors, and others as necessary for the design and construction of drainage and flood control improvements on Rooney Gulch upstream of C-470.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

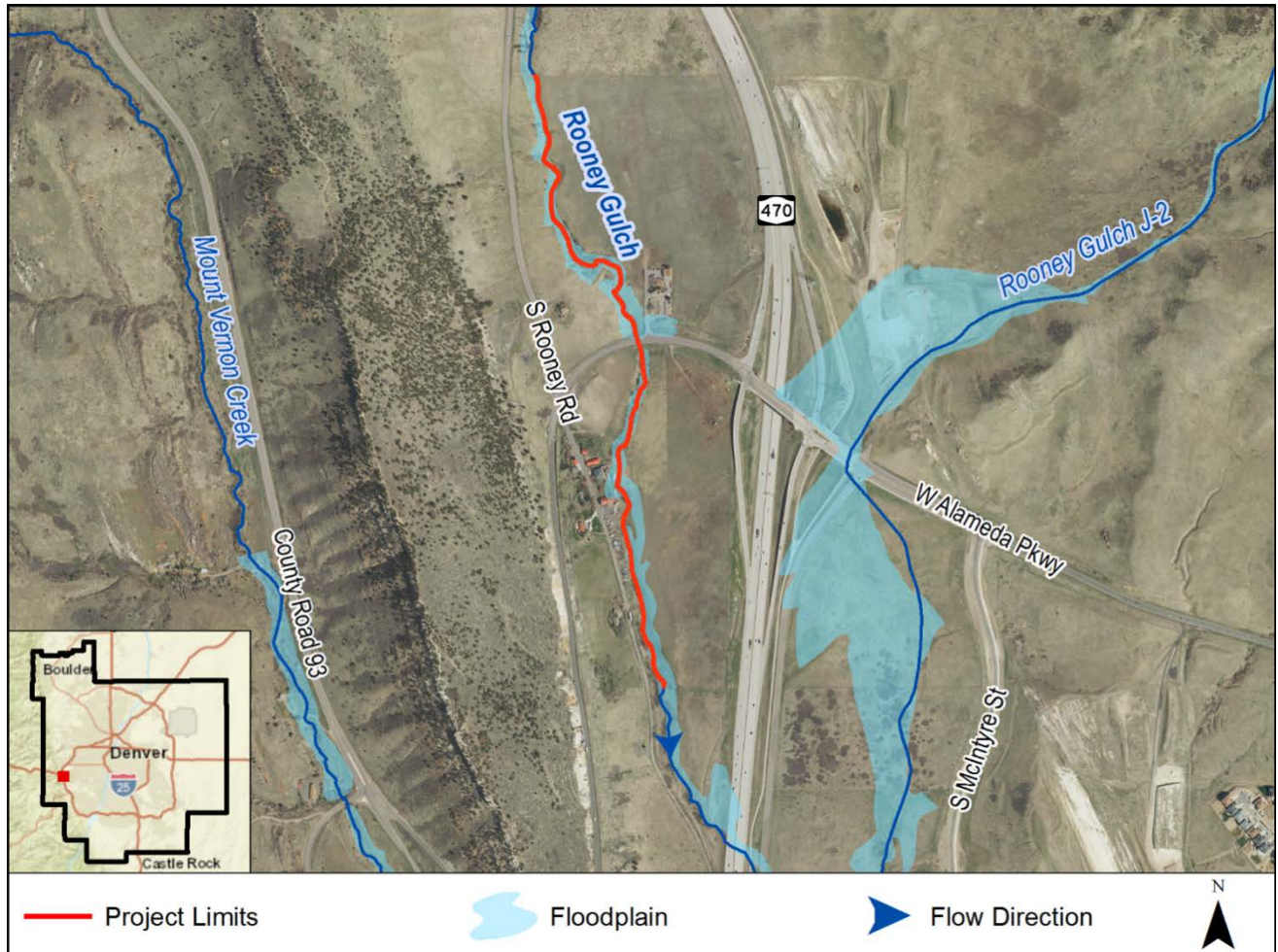
Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 46, SERIES OF 2019
(Authorization to Participate in Drainage and Flood Control Improvements
on Rooney Gulch Upstream of C-470, Jefferson County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 47, SERIES OF 2019

(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Big Dry Creek Between County Line Road and East Orchard Road, 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, Arapahoe County has enacted floodplain regulations; and

WHEREAS, Arapahoe County has assigned and transferred to the Southeast Metro Stormwater Authority (SEMSWA) its rights and obligations for the Big Dry Creek between County Line Road and East Orchard Road project; and

WHEREAS, SEMSWA and the District cooperated in the preparation of "Big Dry Creek (Downstream of County Line Road) Major Drainageway Plan," dated June 2015 which recommends improvements on Big Dry Creek between County Line Road and East Orchard Road; and

WHEREAS, the Board previously authorized \$50,000 for the Big Dry Creek between County Line Road and East Orchard Road project (Table 1); and

Table 1
Big Dry Creek Between County Line Road and East Orchard Road
Previous Authorizations

Resolution No.	Series of	District Authorization	Local Share	Work Elements
57	2018	\$50,000	\$50,000	Final Design
TOTAL		\$50,000	\$50,000	

WHEREAS, SEMSWA and the District now desire to construct improvements along Big Dry Creek between County Line Road and East Orchard Road (Exhibit A); and

WHEREAS, the District's additional participation being authorized by this resolution is \$250,000 to be at least matched by SEMSWA; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund-Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019 which includes funds for construction of drainage and flood control improvements along Big Dry Creek between County Line Road and East Orchard Road; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) in which the improvements along Big Dry Creek between County Line Road and East Orchard Road were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 57, Series of 2018, Paragraph 3, is amended as follows:
"The District's maximum contribution to the Big Dry Creek between County Line Road and East Orchard Road project without prior approval of the Board shall be ~~\$50,000~~ **\$300,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by SEMSWA."
2. All other conditions and authorizations remain as stated in Resolution No. 57, Series of 2018

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

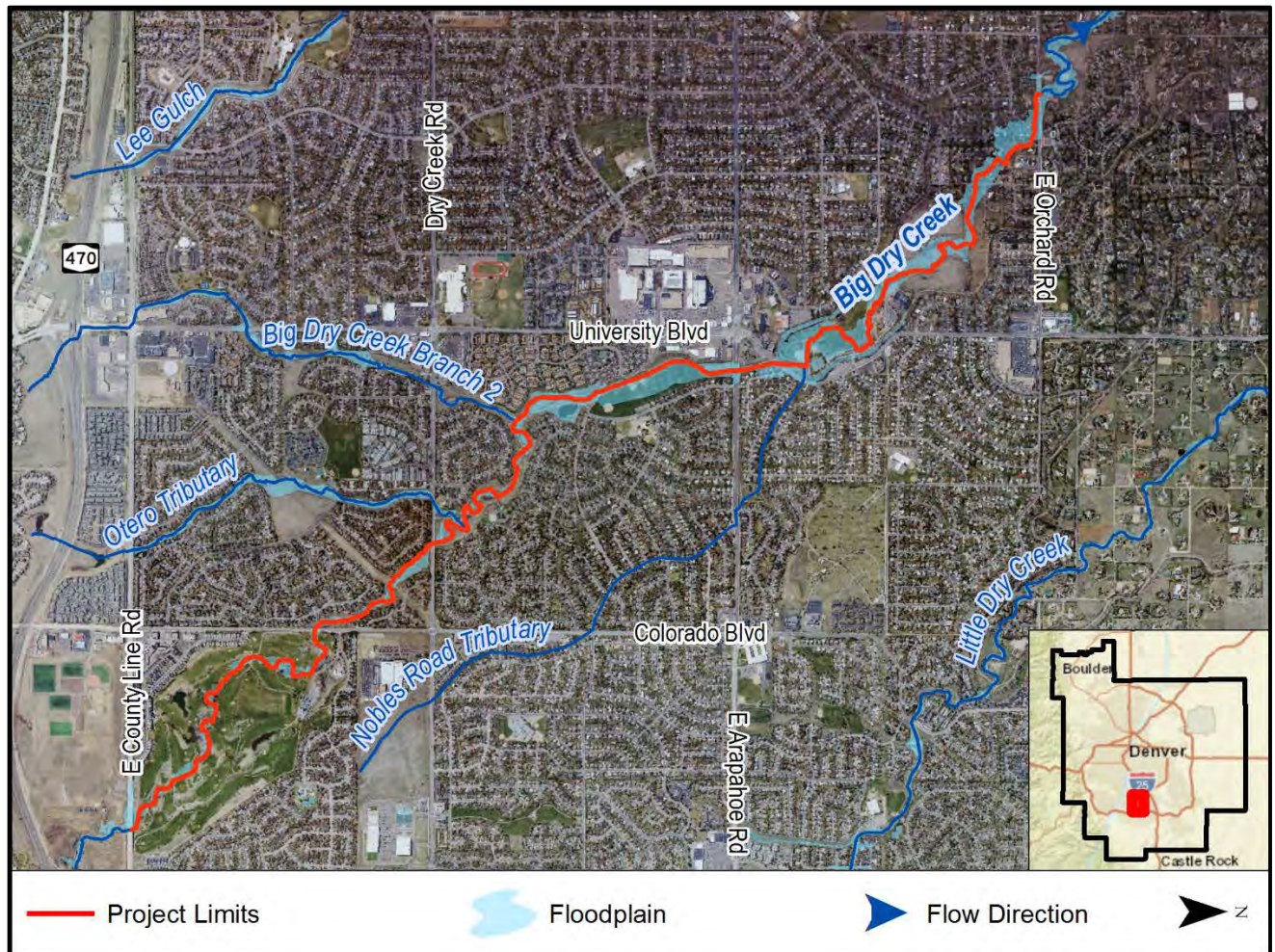
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 47, SERIES OF 2019

(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Big Dry Creek Between County Line Road and East Orchard Road, Arapahoe County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 48, SERIES OF 2019 (Additional Authorization to Participate in Drainage and Flood Control Improvements on the Dahlia Street Outfall to 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 "Drainage Outfall Systems Update Northern Commerce City and Irondale Area Basin D Outfall Alternatives Analysis," dated June 2017 which recommends improvements to the Dahlia Street Outfall; and

WHEREAS, the Board previously authorized \$75,000 for the Dahlia Street Outfall project (Table 1); and

Table 1
Dahlia Street Outfall to the South Platte River
Previous Authorizations

Resolution No.	Series of	District Authorization	Local Share	Work Elements
50	2018	\$75,000	\$75,000	Design
TOTAL		\$75,000	\$75,000	

WHEREAS, Adams County and the District now desire to construct improvements along the Dahlia Street Outfall (Exhibit A); and

WHEREAS, the District's additional participation being authorized by this resolution is \$375,000 to be at least matched by Adams County; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund-Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019 which includes funds for construction of drainage and flood control improvements along the Dahlia Street Outfall; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) in which the improvements along the Dahlia Street Outfall were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 50, Series of 2018, Paragraph 3, is amended as follows:
"The District's maximum contribution to the Dahlia Street Outfall to the South Platte River project without prior approval of the Board shall be ~~\$75,000~~ **\$450,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Adams County."
2. All other conditions and authorizations remain as stated in Resolution No. 50, Series of 2018.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

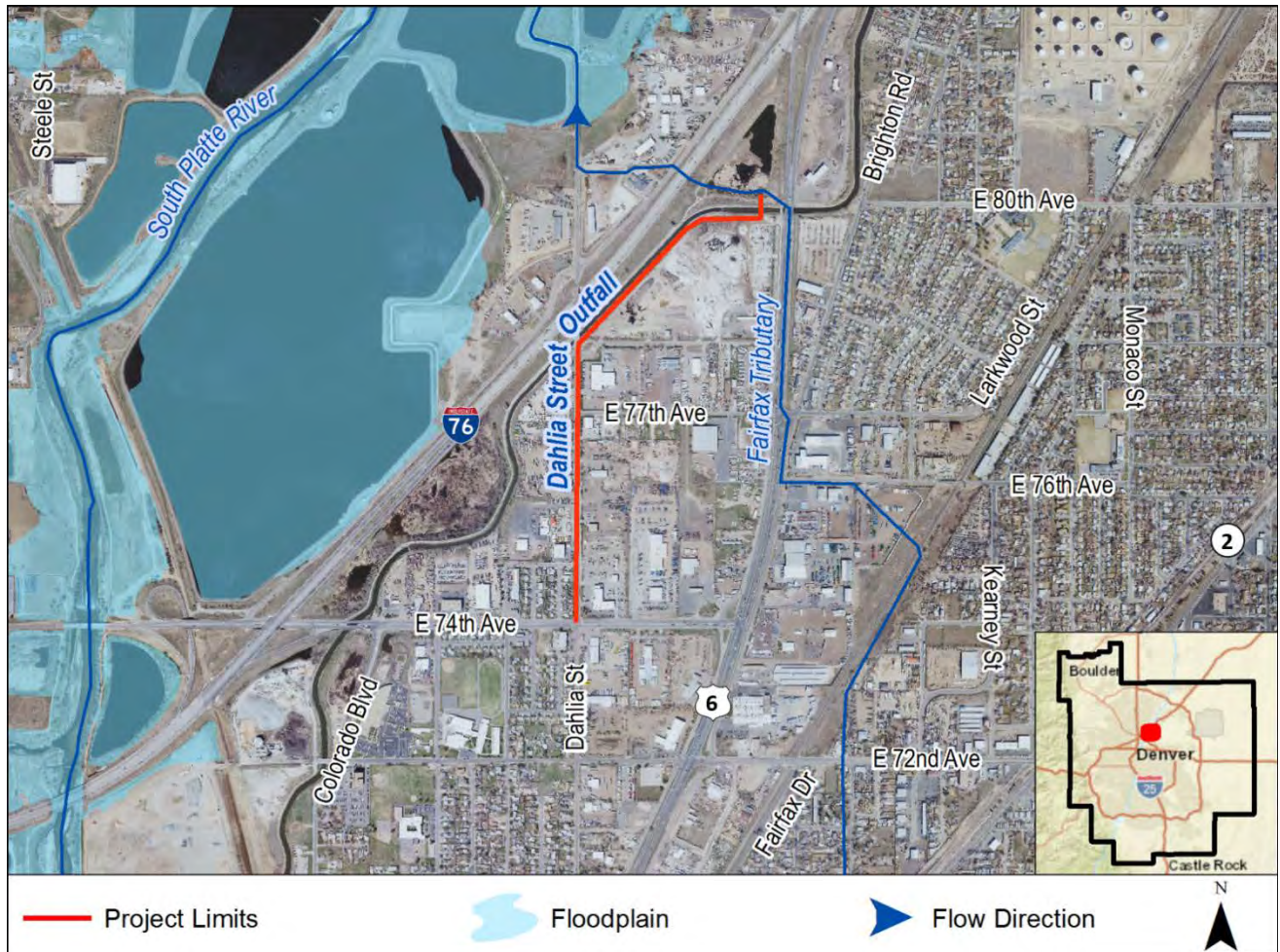
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 48, SERIES OF 2019

(Additional Authorization to Participate in Drainage and Flood Control Improvements
on the Dahlia Street Outfall to the South Platte River, Adams County)

EXHIBIT A

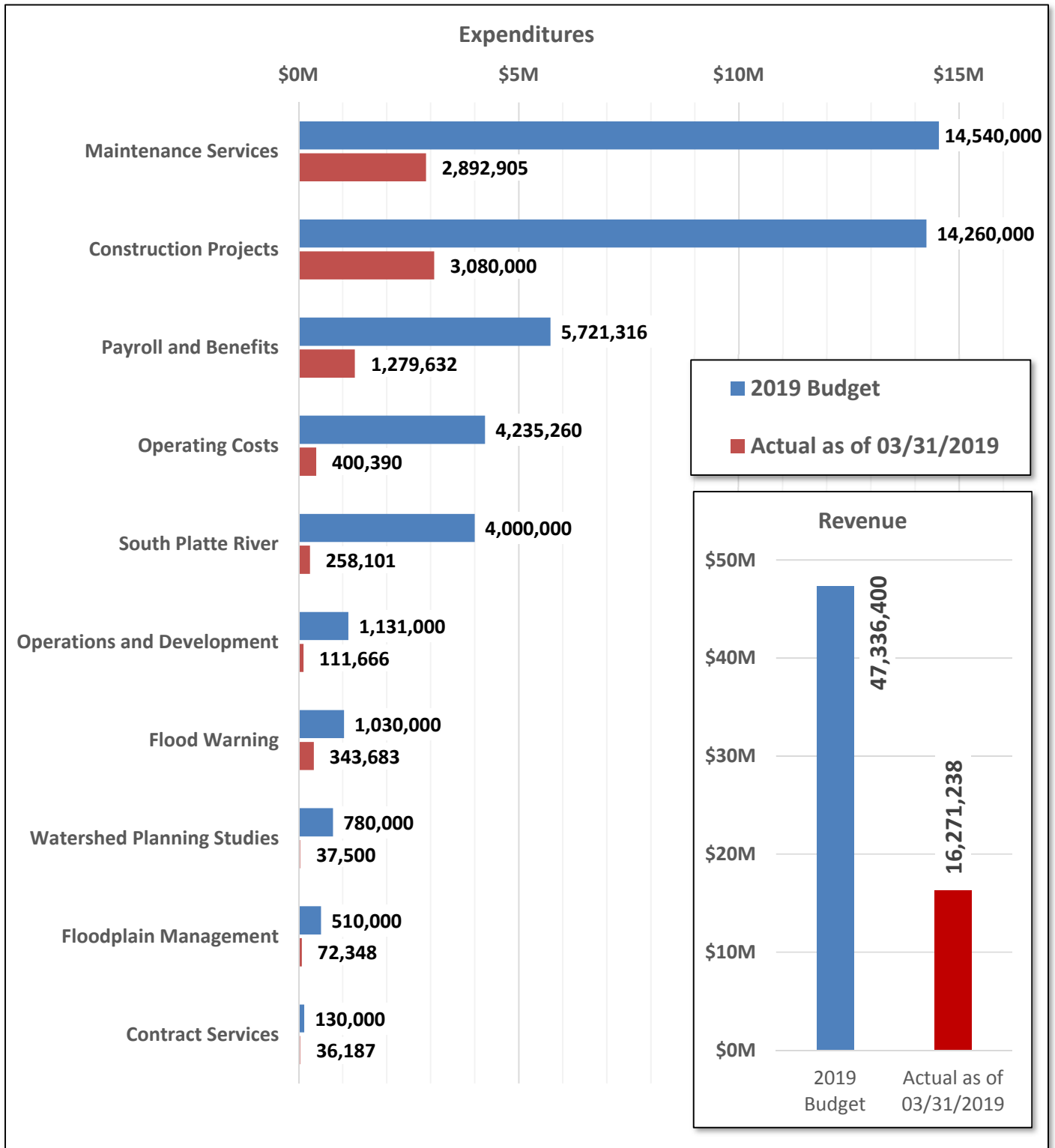


UDFCD BUDGET SUMMARY THROUGH MARCH 2019

BUDGET ITEM:	2019 Budget	Actual as of 03/31/2019	Balance Remaining
Beginning Fund Balance:			
TABOR Emergency Reserve	1,000,000	1,000,000	
Floodplain Preservation Reserve	-	-	
Reserve for Future Operations	1,340,151	1,457,324	
Revenue:			
Property Taxes	43,818,140	15,576,185	
Specific Ownership Taxes	3,286,360	615,726	
Delinquent Property Tax Interest	-	(2,648)	
Investment Interest	175,900	56,870	
Project Participation Funds Returned	-	-	
Project Participation Interest Returned	-	-	
Miscellaneous Income	56,000	25,104	
Total Revenue	47,336,400	16,271,238	
Transfers from other Funds	-	-	
Total Funds Available	48,676,552	17,728,562	
Expenditures:			
Maintenance Services	14,540,000	2,892,905	11,647,095
Construction Projects	14,260,000	3,080,000	11,180,000
Payroll and Benefits	5,721,316	1,279,632	4,441,684
Operating Costs	4,235,260	400,390	3,834,870
South Platte River	4,000,000	258,101	3,741,899
Operations and Development	1,131,000	111,666	935,006
Flood Warning	1,030,000	343,683	686,317
Watershed Planning Studies	780,000	37,500	742,500
Floodplain Management	510,000	72,348	437,652
Contract Services	130,000	36,187	93,813
Total Expenditures	46,337,576	8,512,413	37,740,836
Revenue minus Expenditures	998,824	7,758,825	
Transfers to other Funds			
Change in Floodplain Preservation Reserve	500,000		
Floodplain Preservation Reserve Balance	500,000		
Change in TABOR Emergency Reserve	420,500		
TABOR Emergency Reserve Balance	1,420,500		
TABOR Emergency Reserve as % of Expenditures	3.00%		
Ending Fund Balance:			
Reserve for Future Operations	1,418,475		

UDFCD BUDGET SUMMARY THROUGH MARCH 2019

Revenues and Expenditures as of 03/31/2019



URBAN DRAINAGE AND FLOOD CONTROL DISTRICT INTEREST INCOME WORKSHEET MARCH 2019							URBAN DRAINAGE AND FLOOD CONTROL DISTRICT ACCRUED INTEREST WORKSHEET MARCH 2019						
	PURCHASE DATE	I.D. NO.	AMOUNT	INTEREST RATE	DAYS TO ACCRUE	ACCRUAL FOR 03/31/19	DATE TO PURCHASED MATURE INTEREST	ACCRUAL BALANCE 02/28/19	CURRENT ACCRUAL	RECEIVED TO ACCRUAL	ACCRUAL BALANCE 03/31/19	RECEIVED TO INCOME	TOTAL INTEREST RECEIVED
<u>TREASURY BILLS</u>													
			----- \$0.00			----- \$0.00		----- \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
REDEEMED													
	TOTAL		=====					=====	\$0.00		=====	\$0.00	
<u>TREASURY & AGENCY NOTES</u>													
	07/27/16	WFS3136G3XQ3	\$3,000,000.00	1.070000	30 / 360	\$2,675.00	01/27/20	\$2,942.50	\$2,675.00		\$5,617.50	\$2,675.00	
	07/13/16	WFS3136G3WK7	\$4,000,000.00	1.220000	30 / 360	\$4,066.67	03/30/20	\$20,333.31	\$4,066.67		\$24,399.98	\$4,066.67	
	07/27/16	WFS3136G3XV2	\$3,000,000.00	1.100000	30 / 360	\$2,750.00	07/27/20	\$3,116.67	\$2,750.00		\$5,866.67	\$2,750.00	
	07/28/16	WFS3136G3ZM0	\$3,000,000.00	1.200000	30 / 360	\$3,000.00	10/28/20	\$12,300.00	\$3,000.00		\$15,300.00	\$3,000.00	
	07/29/16	WFS3130A8WE9	\$3,000,000.00	1.100000	30 / 360	\$2,750.00	04/26/19	\$11,458.33	\$2,750.00		\$14,208.33	\$2,750.00	
	07/26/16	USB3136G3L37	\$3,000,000.00	1.125000	30 / 360	\$2,812.50	10/28/19	\$3,281.25	\$2,812.50		\$6,093.75	\$2,812.50	
	08/15/16	WFS3136G3N84	\$4,000,000.00	1.170000	30 / 360	\$3,900.00	08/15/19	\$1,950.00	\$3,900.00		\$5,850.00	\$3,900.00	
	09/28/16	WFS3134GAED2	\$3,000,000.00	1.150000	30 / 360	\$2,875.00	01/06/00	\$5,941.67	\$2,875.00		\$8,816.67	\$2,875.00	
	09/28/16	WFS3136G37D1	\$3,000,000.00	1.500000	30 / 360	\$3,750.00	06/28/19	\$7,750.00	\$3,750.00		\$11,500.00	\$3,750.00	
	10/25/16	WFS3136G4DZ3	\$3,000,000.00	1.200000	30 / 360	\$3,000.00	10/25/19	\$15,000.00	\$3,000.00		\$18,000.00	\$3,000.00	
	10/31/16	WFS3136G4GK3	\$3,000,000.00	1.350000	30 / 360	\$3,375.00	07/28/20	\$3,375.00	\$3,375.00		\$6,750.00	\$3,375.00	
	06/01/17	WFS 3130AAX45	\$3,000,000.00	1.875000	30 / 360	\$4,687.50	01/28/21	\$5,000.00	\$4,687.50		\$9,687.50	\$4,687.50	
	10/30/17	WFS313ACNG5	\$3,000,000.00	1.850000	30 / 360	\$4,625.00	04/30/21	\$18,500.00	\$4,625.00		\$23,125.00	\$4,625.00	
	10/30/17	WFS3136G4QL0	\$3,500,000.00	2.060000	30 / 360	\$6,008.33	10/29/21	\$24,233.56	\$6,008.33		\$30,241.89	\$6,008.33	
	08/29/18	WFS3130AEU65	\$4,000,000.00	2.625000	30 / 360	\$8,750.00	08/21/20	\$2,916.66	\$8,750.00		\$11,666.66	\$8,750.00	
	08/31/18	WFS9128284Q0	\$4,000,000.00	2.500000	30 / 360	\$8,333.33	05/31/20	\$25,136.59	\$8,333.33		\$33,469.92	\$8,333.33	
	12/14/18	WFS3133EJ2R9	\$3,500,000.00	2.750000	30 / 360	\$8,020.83	12/14/20	\$16,576.39	\$8,020.83		\$24,597.22	\$8,020.83	
	02/28/19	WFS3130AFWB9	\$3,500,000.00	2.650000	30 / 360	\$7,729.17	08/26/21	\$515.28	\$7,729.17		\$8,244.45	\$7,729.17	
	TOTAL		----- \$59,500,000.00			----- \$83,108.33	----- \$0.00	\$180,327.21	\$83,108.33	----- \$0.00	\$263,435.54	\$83,108.33	\$0.00
REDEEMED													
	TOTAL		=====					=====	\$180,327.21		=====	\$263,435.54	
<u>CSAFE</u>													
	02/28/19	Balance	\$3,660,167.24										
	03/31/19	INTEREST ON ACCT Contribution	\$7,714.04									\$7,714.04	\$7,714.04
			----- \$3,667,881.28									----- \$7,714.04	----- \$7,714.04
<u>COLOTRUST</u>													
	02/28/19	Balance	\$6,852,975.54										
	03/31/19	INTEREST ON ACCT Contribution/WD	\$28,407.20 \$10,000,000.00									\$28,407.20	\$28,407.20
			----- \$16,881,382.74									----- \$28,407.20	----- \$28,407.20
<u>WELLS FARGO SECURITIES</u>													
		CHECKING	\$6,433.86									0.18	\$0.18
		WFS MONEY MARKET	\$199,518.24									\$990.50	\$990.50
<u>U S BANK</u>													
		CHECKING	\$6,960,175.39									----- \$473.00	----- \$473.00
						----- \$83,108.33							
		TOTAL CURRENT ACCRUAL				=====		----- \$180,327.21	\$83,108.33	----- \$0.00	\$263,435.54	\$120,693.25	\$37,584.92
								=====	*****	----- \$120,693.25	Interest Distribution for Month		
									TOTAL	\$120,693.25 -\$458.63	Total Less: Amortized Premium		
										----- \$120,234.62	Amount Distributed -March 2019		
										=====			

Table 1
Individual Project Additional Authorizations

A	B	C	D	E	F	G	H	I	J
Project Name	Original Resolution	Additional 2019 District Funding	Previous Maximum District Contribution	New Maximum District Contribution	Local Government Partners	Design % Complete	Construction % complete or year when start	Total Project Costs	Authorized
ADAMS COUNTY									
*Grange Hall Creek at Washington	No. 46 Series of 2008	\$200,000	\$1,545,000	\$1,745,000	Northglenn	75%	75%	\$6,800,000	
*North Outfall	No. 4 Series of 2006	\$120,000	\$1,630,00	\$1,750,000	Brighton	50%	50%	\$10,500,000	02/19
*Dahlia Street Outfall	No. 50, Series of 2018	\$375,000	\$75,000	\$450,000	Adams	90%	2019	\$4,000,000	04/19
Hoffman Drainageway 88 th to Steele	No. 49, Series of 1997	\$300,000	\$350,000	\$650,000	Adams	85%	85%	\$9,000,000	02/19
22 nd Ave Outfall to Westerly Creek	No. 43, Series of 2018	\$200,000	\$300,000	\$500,000	Aurora			\$1,000,000	03/19
ARAPAHOE COUNTY									
*First Creek Detention	No. 58, Series of 2009	\$400,000	\$3,049,000	\$3,449,000	Aurora	10%	TBD	\$12,000,000	03/19
*Little's Creek	No. 37, Series of 2015	\$250,000	\$250,000	\$500,000	Littleton	30%	2020	\$1,000,000	03/19
Easterly Creek – 1 st & Kenton	No. 15, Series of 2015	\$1,025,000	\$575,000	\$1,600,000	Aurora	100%	10%	\$7,402,000	03/19
Greenwood Gulch at Quincy	No. 63, Series of 2017	\$100,000	\$100,000	\$200,000	Cherry Hills Village				
*Big Dry Creek b/w County Line and East Orchard	No. 57, Series 2018	\$250,000	\$50,000	\$300,000	SEMSWA	0%	Tbd	\$2,000,000	04/19
BOULDER COUNTY									
*South Boulder Creek u/s HWY 36	No. 42, Series of 2018	\$200,000	\$120,000	\$320,000	City of Boulder	10%	2022	\$40,000,000	
*Gregory Canyon Creek – Arapahoe to Pennsylvania	No. 41, Series of 2018	\$400,000	\$250,000	\$650,000	City of Boulder	0%	TBD	\$12,000,000	

A	B	C	D	E	F	G	H	I	J
Project Name	Original Resolution	Additional 2019 District Funding	Previous Maximum District Contribution	New Maximum District Contribution	Local Government Partners	Design % Complete	Construction % complete or year when start	Total Project Costs	Authorized
Bullhead Gulch Drainage Underpass	No. 35, Series of 2016	\$400,000	\$100,000	\$500,000	Louisville	60%	2020	\$2,500,000	
Coal Creek – McCaslin to HWY 36	No. 58, Series of 2016	\$110,000	\$696,243	\$806,243	Superior	95%	25%	\$2,200,000	02/19
BROOMFIELD CITY & COUNTY									
*Nissen Reservoir Drainageway – Lowell to Tennyson	No. 45, Series of 2016	\$270,000	\$780,000	\$1,050,000	Broomfield	40%	2019	\$3,000,000	03/19
DENVER CITY & COUNTY									
*Cherry Creek Stabilization (Monaco to Illiff)	No. 31, Series of 2011	\$1,550,000	\$2,550,000	\$4,100,000	Denver	90%	2019	\$13,900,000	
Sanderson Gulch at the South Platte River	No. 12, Series of 2016	\$1,650,000	\$2,630,000	\$4,280,000	Denver	100%	50%	\$18,900,000	03/19
*Globeville OSP (49 th and Grant) Platte Farms	No. 18, Series of 2017	\$600,000	\$150,000	\$750,000	Denver	50%	2019	\$5,000,000	03/19
Marston Lake d/s Garrison Street	No. 68, Series of 2012	\$750,000	\$950,000	\$1,700,000	Denver	100%	2019	\$3,500,000	
DOUGLAS COUNTY									
*Timbers Creek d/s Fox Sparrow	No. 34, Series of 2017	\$125,000	\$50,000	\$175,000	Douglas	10%	2019	\$4,000,000 - \$5,000,000	02/19
*Happy Canyon Creek north of Lincoln	No. 54, Series of 2015	\$475,000	\$417,500	\$892,500	Douglas	5%	2020	\$3,000,000	
Dad Clark Gulch, Wild Iris Run	No. 58, Series of 2017	\$500,000	\$322,500	\$822,500	Highlands Ranch	30%	2019	\$1,500,000	
Cherry Creek at KOA	No. 33, Series of 2017	\$200,000	\$315,000	\$515,000	Parker	40%	2020	\$2,000,000	02/19
*West Big Dry Creek d/s Canongate Lane	No.70, Series of 2018	\$45,000	\$85,000	\$130,000	Highlands Ranch	100%	2019	\$260,000	

A	B	C	D	E	F	G	H	I	J
Project Name	Original Resolution	Additional 2019 District Funding	Previous Maximum District Contribution	New Maximum District Contribution	Local Government Partners	Design % Complete	Construction % complete or year when start	Total Project Costs	Authorized
JEFFERSON COUNTY									
*North Dry Gulch – Lamar to Teller	No. 65, Series of 2008	\$225,000	\$3,775,000	\$4,000,000	Lakewood	0%	TBD	\$11,000,000	
*Van Bibber Creek Crossing at McIntyre	No. 25, Series of 2016	\$300,000	\$1,248,000	\$1,548,000	Jefferson	100%	30%	\$3,500,000	03/19
South & Middle Hyland Creek u/s & d/s 104 th	No. 77, Series of 2016	\$350,000	\$963,000	\$1,313,000	Westminster	0%	2020	\$2,600,000	02/19
*Big Dry Creek – Sheridan to Standley Lake	No. 75, Series of 2016	\$125,000	\$300,000	\$425,000	Westminster	15%	TBD	\$1,600,000	
*Walnut Creek – US 36 to Wadsworth Pkwy	No. 53, Series of 2018	\$325,000	\$200,000	\$525,000	Westminster	0%	TBD	\$1,250,000	
Leyden Creek at Alkire Street	No. 43, Series of 2014	\$500,000	\$450,000	\$950,000	Arvada	90%	2019	\$1,900,000	



URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

REVISED

BOARD OF DIRECTORS MEETING

Date: Thursday, June 27, 2019

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. Stephanie Caulk, Student Intern, Stream Services
 - ii. Keiko Ohtake-Gordon, Student Intern, Operations & Development
 - iii. Quinten Schaffner, Student Intern, Stream Services
 - iv. Eric Thomas, Student Intern, Operations & Development
- b. Awards/Recognitions
 - i. ACEC National Honor Award – Little Dry Creek at Westminster Station Project

3. Roll Call – Determination of Quorum

4. Approval of April 18, 2019 Meeting Minutes

(If there are no corrections “Minutes stand approved”, or with corrections “Minutes stand approved as corrected”)

5. Presentation Agenda

(Each resolution will, after introduction and presentation from District staff, be placed on the Consent Agenda unless a request is made by a Board Member for action upon the resolution separately)

- a. Authorization to Participate in a Planning Study of Cherry Creek Upstream of Cherry Creek Reservoir
(Resolution No. 49, Series of 2019)

- b. Authorization to Participate in a Planning Study of Lafayette Area
(Resolution No. 50, Series of 2019)

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 of a specific resolution for a presentation by District staff or discussion)

- a. Review of Cash Disbursements
- b. Additional Authorization to Participate in Drainage and Flood Control Improvements on Dad Clark Gulch Downstream of Wild Iris Run, Highlands Ranch Metro District, Douglas County
(Resolution No. 51, Series of 2019)
- c. Additional Authorization to Participate in Drainage and Flood Control Improvements on Grange Hall Creek from Grant Drive to Larson Drive, City of Northglenn, Adams County
(Resolution No. 52, Series of 2019)
- d. Additional Authorization to Participate in Drainage and Flood Control Improvements on Happy Canyon Creek North of Lincoln Avenue, Douglas County
(Resolution No. 53, Series of 2019)
- e. Additional Authorization to Participate in Drainage and Flood Control Improvements on Gregory Canyon Creek from Arapahoe Avenue to Pennsylvania Avenue, City of Boulder, Boulder County
(Resolution No. 54, Series of 2019)
- f. Additional Authorization to Participate in Drainage and Flood Control Improvements on South Boulder Creek Upstream of US Hwy 36, City of Boulder, Boulder County
(Resolution No. 55, Series of 2019)

- g. Amended Designation of Public Place for Posting of Meeting Notices
(Resolution No. 56, Series of 2019)

7. Vote on Approval of the Consent Agenda

(Motion and roll call vote required)

8. Reports/Discussions

- a. Executive Director's Report
- b. Project Showcase

9. Announcements

- a. Next Regularly Scheduled Meeting: **Thursday, August 15, 2019**

10. Adjournment



URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

BOARD OF DIRECTORS MEETING
Meeting Minutes
April 18, 2019

Board Members Present:

Randy Ahrens	Mayor, City/County of Broomfield
Herb Atchison	Mayor, City of Westminster
Stacie Gilmore	Council Member, City/County of Denver
Mark Hunter	Engineer
Matt Jones	Commissioner, Boulder County
John Marriott	Mayor Pro Tem, City of Arvada
Adam Paul	Mayor, City of Lakewood
Stephanie Piko	Mayor, City of Centennial
Murphy Robinson	Deputy Mayor, City/County of Denver
Bob Roth	Mayor Pro Tem, City of Aurora
Dave Sellards	Engineer
Nancy Sharpe	Commissioner, Arapahoe County
Bud Starker	Mayor, City of Wheat Ridge
Libby Szabo	Commissioner, Jefferson County
Lora Thomas	Commissioner, Douglas County
Sam Weaver	Mayor Pro Tem, City of Boulder
Heidi Williams	Mayor, City of Thornton

Board Members Absent:

Debbie Brinkman	Mayor, City of Littleton
Carol Dodge	Mayor, City of Northglenn
Paul Kashmann	Council Member, City/County of Denver
Paul López	Council Member, City/County of Denver
Chaz Tedesco	Commissioner, Adams County

UDFCD Staff Present:

Ken MacKenzie	Executive Director
Kurt Bauer	Project Manager, Stream Services
Dave Bennetts	Program Manager, Operations and Development
Amelia Deleon	Human Resources Manager
Terri Fead	Floodplain Manager, Watershed Services
Dan Hill	Engineering Technologist, Watershed Services
Katie Kerstiens	Student Intern, Stream Services
Jacob Krider	Student Intern, Administrative Services
Laura Kroeger	Program Manager, Stream Services
Morgan Lynch	Project Manager, Watershed Services
Kelsey Mehan	Office Coordinator
Dana Morris	Engineering Technologist, Watershed Services
Teresa Patterson	Project Manager, Watershed Services
Holly Piza	Standards Development Manager, Operations and Development
Derrick Schauer	IS Network Administrator
Mark Schutte	Engineering Technologist, Stream Services
Brooke Seymour	Project Manager, Watershed Services
Baylee Suskin	Student Intern, Operations and Development
Kevin Stewart	Program Manager, Flood Warning and Information Services
Shea Thomas	Program Manager, Watershed Services
Jim Watt	Project Manager, Watershed Services

Others Present:

Elena Mlotkowski	Agency Off Record
David Rausch	Adams County
Jack Regan	Agency Off Record
Rich Oswald	Agency Off Record
Ed Krisor	Legal Counsel

Rebranding Update

In lieu of a How the District Works presentation, three representatives from Agency Off Record ([AOR] a marketing and rebranding firm hired by the District) gave a presentation on the District's rebranding effort.

1. Call to Order and Pledge of Allegiance - 12:30 pm

Commissioner Libby Szabo called the meeting to order at 12:30 pm.

2. Introductions

a. Visitors/Guests/Staff

Mr. Ken MacKenzie introduced the following guests:

- Elena Mlotkowski Agency Off Record
- David Rausch Adams County
- Jack Regan Agency Off Record
- Rich Oswald Agency Off Record

Mr. MacKenzie introduced two new employees:

- Jacob Krider, Student Intern, Administrative Services
- Baylee Suskin, Student Intern, Operations and Development

b. Awards/Recognitions

2019 Top Ten Public Works Leaders of the Year - American Public Works Association (APWA):
Laura Kroeger

Mr. MacKenzie congratulated Mrs. Laura Kroeger, Program Manager, Stream Services, for being awarded the American Public Works Association (APWA) Top Ten Public Works Leaders of the Year. This highly prestigious award is for her outstanding leadership and career achievements as a public works professional.

- Some of her achievements for the District include:
 - Overseeing a staff of 24 full and part-time employees, and managing a budget of \$30 million annually
 - Worked to develop Project Partners as an alternative project delivery approach that engages owners, consultants, and contractors to deliver goal-based projects more effectively and efficiently
 - Led the visioning of the river corridor enhancement and implementation of over \$20 million of projects in Arapahoe County on behalf of multiple sponsors through the South Platte Working Group
- Her achievements for APWA include:
 - Started and managed the Rocky Mountain Public Works Institute in Colorado to provide low cost training to public sector employees in supervision, management, and leadership skills including: the preparation of the 90-hour curriculum, scheduling instructors, and teaching several sessions
 - Worked with local partners to promote, at a national level, the benefits of stream stabilization projects as a permanent Best Management Practice (BMP) for water quality
 - Served in a number of official capacities at the national and state level
 - Wrote a number of articles for the national APWA magazine, and presented at several national and state conferences

Laura will receive the actual award at the National APWA Conference this August in Seattle, WA. To honor her locally, the District and the Colorado chapter of APWA will be hosting a celebration of her accomplishment on May 23rd during National Public Works Week. The celebration will take place at the District from 3:00 – 5:00pm. The Board of Directors will receive an invitation for this event and we hope that you can join us in celebrating this tremendous achievement.

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

Roll was called and a quorum was declared present.

4. **Approval of March 21, 2019 Meeting Minutes**

(If there are no corrections “Minutes stand approved”, or with corrections “Minutes stand approved as corrected”)

Commissioner Szabo asked if there were any corrections to the March 21, 2019 minutes. Hearing none, the minutes were approved as submitted.

5. **Presentation Agenda**

(Each resolution will, after introduction and presentation from District staff, be placed on the Consent Agenda unless a request is made by a Board Member for action upon the resolution separately.)

a. **Opposing Denver Ballot Initiative 300**

(Resolution No. 38, Series of 2019)

Resolution No. 38, Series of 2019, opposes Denver Ballot Initiative 300 (I-300), an initiative that would allow people to rest and shelter themselves in all outdoor public spaces owned or leased by the City and County of Denver (CCD). ‘Outdoor public spaces’ would include the great many waterways and associated drainage and flood control infrastructures within CCD. Allowing people to shelter near or within District infrastructure such as rivers, creeks, gulches, detention basins, drains, and pipes could create legitimate and serious public safety concerns, not to mention serious public health and environmental concerns.

While the need to create better systems for service delivery and transitional housing for Denver’s homeless population is recognized, I-300 would be detrimental to both the homeless and the community at large. Resolution No. 38 urges a vote of No this May 2019.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 38 on the Consent Agenda.

b. **Acceptance of Third Creek Planning Study**

(Resolution No. 39, Series of 2019)

Resolution No. 28, series of 2015 authorized a major drainageway planning study for drainage issues along Third Creek upstream and downstream of Denver International Airport (DIA). The District partnered with Adams County, the City of Commerce City, the City of Brighton, and the City of Aurora to fund the study. Matrix Design Group was selected to perform the study.

Third Creek is a right-bank tributary to the South Platte River, draining a watershed that is 30.8 square miles in area. The goals of the study were to identify a corridor to preserve in order to safely convey flows and minimize flood risk to structures currently in the floodplain and to identify improvements needed to existing structures.

Recommended improvements include:

- Regional detention basins: upstream of DIA; 112th Avenue and E-470
- Multiple roadway crossing replacements (12 total)
- Multiple ditch crossings (3 total)
- Stream management corridor
- High-Functioning-Low-Maintenance stream design

The master planned improvements remove the 1% (aka 100-year) flood risk from all 27 structures that are currently in the 100-year mapped floodplain. The total cost of improvements recommended in the study is \$107 million.

Resolution No. 39 accepts the report and recommends the improvements and practices described 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. 39 on the Consent Agenda.

- c. Authorization to Participate in Drainage and Flood Control Improvements on Irondale Gulch Tributaries, City and County of Denver
(Resolution No. 40, Series of 2019)

This is a joint project with the City and County of Denver. The City and County of Denver desires to design, acquire right-of-way, and construct improvements within the Montbello neighborhood of Irondale Gulch in accordance with the "Irondale Gulch (Upstream of RMA) Outfall Systems Plan," that is in progress. The project includes improvements to Irondale Tributaries in the Montbello neighborhood.

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 have identified \$100,000 in initial project costs for the design, right-of-way acquisition, and partial funding of construction with the District's participation being \$50,000 in 2019 funds.

It is anticipated that additional funds may be required for this project in the future. Resolution No. 40 authorizes \$50,000 of District funds from the Special Revenue Fund - Construction to be at least 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. 40 on the Consent Agenda.

- d. Authorization to Participate in Drainage and Flood Control Improvements on Rooney Gulch Upstream of Morrison Road, City of Lakewood, Jefferson County
(Resolution No. 41, Series of 2019)

Jefferson County, the City of Lakewood, and the District cooperated in the preparation of "Morrison Area Major Drainageway Planning Report," dated January 1990, which recommends improvements on Rooney Gulch. Ventana Capital, Inc. is developing the area along Rooney Gulch upstream of Morrison Road in Jefferson County. The development is located in unincorporated Jefferson County and the stream is located in both unincorporated Jefferson County and the City of Lakewood. The development is called Red Rocks Ranch and consists of approximately 350 acres. The site is being developed for mixed residential and commercial uses.

Jefferson County, as part of their land development approval process, requires the master planned improvements to be implemented. The improvements include reserving a stream corridor and stream stabilization measures to mitigate for the impacts of development.

Jefferson County, the City of Lakewood, and Ventana Capital, Inc. have requested that the District manage the design and construction of improvements required by Jefferson County as a result of a development in lieu of Ventana Capital, Inc. designing and constructing those improvements along Rooney Gulch upstream of Morrison Road. Preliminary project costs are estimated to be \$6,000,000.

Resolution No. 41 authorizes the District to collect funds from Ventana Capital, Inc. and deposit those funds into the Development Services Enterprise 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. 41 on the Consent Agenda.

- e. **Authorization to Participate in Drainage and Flood Control Improvements on West Toll Gate Creek at Himalaya Street, Arapahoe County**
(Resolution No. 42, Series of 2019)

This is a joint project with the Southeast Metro Stormwater Authority (SEMSWA) and Arapahoe County. SEMSWA and Arapahoe County desire to design, acquire right-of-way, and construct improvements along West Toll Gate in accordance with the "West Toll Gate Creek Major Drainageway Plan," dated December 2012. The project includes improvements to West Toll Gate Creek. SEMSWA 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 SEMSWA have identified \$300,000 in initial project costs for the design, right-of-way acquisition, and partial funding of construction with the District's participation being \$100,000 in 2019 funds. It is anticipated that additional funds may be required for this project in the future.

Resolution No. 42 authorizes \$100,000 of District funds from the Special Revenue Fund - Construction to be at least matched by SEMSWA for the design, acquisition of right-of-way, and construction of the drainage elements of the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 42 on the Consent Agenda.

- f. **Authorization to Participate in Drainage and Flood Control Improvements on Unnamed Creek from Quincy Avenue to Shawnee Way, Arapahoe County**
(Resolution No. 43, Series of 2019)

This is a joint project with SEMSWA and Arapahoe County. SEMSWA and Arapahoe County desire to design, acquire right-of-way, and construct improvements along Unnamed Creek in accordance with the "West Toll Gate Creek Major Drainageway Plan," dated December 2012. The project includes improvements to Unnamed Creek, a tributary to West Toll Gate.

SEMSWA and Arapahoe County already hold 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 SEMSWA have identified \$600,000 in initial project costs for the design, right-of-way acquisition, and partial funding of construction with the District's participation being \$200,000 in 2019 funds. It is anticipated that additional funds may be required for this project in the future.

Resolution No. 43 authorizes \$200,000 of District funds from the Special Revenue Fund - Construction to be at least matched by SEMSWA for the design, acquisition of right-of-way, and construction of the drainage elements of the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 43 on the Consent Agenda.

- g. **Authorization to Participate in Drainage and Flood Control Improvements on Baldwin Gulch Dam Upstream of Pine Drive, Douglas County**
(Resolution No. 44, Series of 2019)

This is a joint project with Douglas County. Douglas County desires improvements along Baldwin Gulch Dam upstream of Pine Drive in accordance with the "Baldwin Gulch – Pine Drive to Baldwin Dam Conceptual Channel Stabilization Plan," dated March 2016. The project includes improvements to the Baldwin Gulch Dam. Douglas County already holds the necessary easements and right-of-way where the project will be carried out. Douglas County is providing the design.

The District and Douglas County desire to design the improvements which will be managed by Douglas County. Construction is anticipated in 2021. The District and Douglas County have identified \$100,000 in initial project costs for the partial funding of construction with the District's participation being \$50,000 in 2019 funds. It is anticipated that additional funds may be required for this project in the future.

Resolution No. 44 authorizes \$50,000 of District funds from the Special Revenue Fund – Construction to be at least matched by Douglas County for the design of the drainage elements of the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 44 on the Consent Agenda.

h. Creation of a “Doing Business As” Name for the District
(Resolution No. 45, Series of 2019)

Following AOR’s presentation on the District’s rebranding process, AOR presented the Board with the potential names for the Board of Directors to decide upon. After much discussion, the Board of Directors settled on the Mile High Flood District (MHFD) as the official new “Doing Business As” (DBA) name of the District. Upon roll call vote, Resolution No. 45 passed with 9 votes for, and 8 votes against the new DBA name.

i. Authorization to Participate in Drainage and Flood Control Improvements on Rooney Gulch
Upstream of C-470, Jefferson County
(Resolution No. 46, Series of 2019)

Jefferson County and the District cooperated in the preparation of “Morrison Area Major Drainageway Planning Report,” dated January 1990, which recommends improvements on Rooney Gulch. Stream Realty Acquisition, L.L.C. is developing the area along Rooney Gulch upstream of C-470 in Jefferson County. The development is called Foothills Business Park and consists of approximately 70 acres. The site is being developed for light industrial use.

Jefferson County, as part of their land development approval process, requires the master planned improvements to be implemented. The improvements include reserving a stream corridor and stream stabilization measures to mitigate for the impacts of development.

Jefferson County and Stream Realty Acquisition, L.L.C. have requested that the District manage the design and construction of improvements required by Jefferson County as a result of a development in lieu of Stream Realty Acquisition, L.L.C. designing and constructing those improvements along Rooney Gulch upstream of C-470. Preliminary project costs are estimated to be \$3,000,000.

Resolution No. 46 authorizes the District to collect funds from Stream Realty Acquisition, L.L.C. and deposit those funds into the Development Services Enterprise 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. 46 on the Consent Agenda.

6. Consent Agenda

Mr. MacKenzie announced that the agenda items under the Consent Agenda would not include presentations, and asked the Board if they had any questions regarding any of the resolutions included on the Consent Agenda. There being no further comments or questions, it was the consensus of the Board to place Resolutions No. 47 and 48, and the Review of Cash Disbursements dated March and April 2019, on the Consent Agenda.

a. Review of Cash Disbursements

The Cash Disbursement list, dated March and April 2019, has been distributed to the Board for review. There being no further comments or questions, it was the consensus of the Board to include approval of the Cash Disbursements on the Consent Agenda.

b. Additional Authorization to Participate in Drainage and Flood Control Improvements
on Big Dry Creek Between County Line Road and East Orchard Road, Arapahoe County
(Resolution No. 47, Series of 2019)

c. Additional Authorization to Participate in Drainage and Flood Control Improvements
on the Dahlia Street Outfall to the South Platte River, Adams County
(Resolution No. 48, Series of 2019)

7. Vote on Approval of the Consent Agenda

It was the consensus of the Board that Resolutions No. 38, 39, 40, 41, 42, 43, 44, 46, 47, and 48, Series of 2019, and Review of Cash Disbursements dated March and April 2019, be placed on the Consent Agenda. Commissioner Szabo moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

8. Reports/Discussions

a. Executive Director's Report

Budget Update – A chart illustrating the 2019 expenditures to date, broken out by discipline, was presented to the Board. In addition to the presentation, Mr. MacKenzie informed the board that they now receive a budget summary handout in the board packet each month, including a reporting of District investments.

Annual Seminar – The District Annual Seminar took place on April 2nd with over 450 stormwater professionals in attendance. Special thanks to Commissioner Szabo for kicking off the meeting. Next year's seminar will take place at the Denver Hyatt in downtown Denver.

Legislative Update

HB19-1213 "Urban Drainage Flood Control District Director Compensation"

HB19-1213, the bill that increases the District Director Compensation from \$75 per meeting to \$100 per meeting, has passed both the house and the senate and is on its way to the Governor for signing. The compensation will go into effect this year for board members that started their term in 2019. Director's that began their terms in 2018 will have to wait until 2020 for the compensation increase.

HB19-1284 "Urban Drainage Flood Control District Board Directors"

HB19-1284, the bill to eliminate the statutory meeting on the first business day of February, has passed the house unanimously today on the third reading. This bill will now head to a Senate Committee. Mr. MacKenzie will keep the Board informed as to the bill's progress.

Property Acquisition Reserve – Mr. MacKenzie brought up the topic of the property acquisition reserve, using the example of a recent development review partnership between the District and Jefferson County. A single-family residence is proposed on the unstabilized bank of a gulch and both the County and District believe this development to be unwise. The property acquisition reserve (formerly referred to as the floodplain preservation fund) could be used to purchase the property and prevent the development, either through negotiation with the property owner or through exercising eminent domain. Applying the principle of expenditures pro-rata to county revenues may deplete the Jefferson County property acquisition reserve for years. Mr. MacKenzie will work with the Audit and Finance Committee on alternative strategies to restore the usefulness of the property acquisition reserve to that of past decades, including the concept of a revolving credit financial model.

Mr. MacKenzie then turned to Mr. Kevin Stewart for a report on the District's preparedness for flood season, which began on April 15th. A few directors asked Mr. Stewart for more information on how they can stay aware of flood conditions throughout the season and Mr. Stewart will follow up with those directors.

2018 Annual Report – The District's 2018 Annual Report was distributed to the Board of Directors. Mr. MacKenzie thanked Mr. Jason Stawski, Mrs. Holly Piza, and Mr. Dave Bennetts for developing the report.

9. Announcements

a. District Project Tour: Thursday, May 16, 2019

On May 16, in lieu of the regular board meeting, the District has scheduled a project bus tour.

b. Next Regularly Scheduled Meeting: Thursday June 27, 2019

The next regularly scheduled Board meeting will take place on Thursday, June 27, 2019.

10. Adjournment

Commissioner Szabo adjourned the meeting at 2:28 p.m.

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 49, SERIES OF 2019

(Authorization to Participate in a Planning Study of Cherry Creek Upstream of Cherry Creek Reservoir)

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

WHEREAS, the City of Centennial, the Town of Parker, Arapahoe County, and Douglas County have enacted floodplain regulations; and

WHEREAS, the City of Centennial and Arapahoe County have assigned and transferred to the Southeast Metro Stormwater Authority (SEMSWA) its rights and obligation for the Cherry Creek upstream of Cherry Creek Reservoir planning study; and

WHEREAS, the Board has previously established a Work Program for 2019 (Resolution No. 66, Series of 2018) which includes master planning; and

WHEREAS, the Board previously cooperated with the City of Aurora, the City of Centennial, the Town of Parker, Arapahoe County, and Douglas County in the preparation of "Cherry Creek Corridor – Reservoir to Scott Road Major Drainageway Planning Preliminary Design Report," dated January 2004; and

WHEREAS, SEMSWA, the Town of Parker, and Douglas County have expressed a desire to participate in a study leading to a major drainageway plan for Cherry Creek upstream of Cherry Creek Reservoir; and

WHEREAS, the Board wishes to cooperate with SEMSWA, the Town of Parker, and Douglas County in the identification of solutions to stormwater drainage and flood control management problems for Cherry Creek upstream of Cherry Creek Reservoir (Exhibit A); and

WHEREAS, the cost of engineering and mapping services for the study is estimated to be \$130,000 and is expected to be divided among participating entities as follows:

Sponsor	Master Plan Contribution
UDFCD	\$65,000
SEMSWA	\$30,000
Town of Parker	\$20,000
Douglas County	\$15,000
TOTAL	\$130,000

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute an agreement with the Southeast Metro Stormwater Authority (SEMSWA), the Town of Parker, and Douglas County to fund the required engineering and mapping services for the Cherry Creek upstream of Cherry Creek Reservoir planning study.
2. The Executive Director is authorized to enter into agreements with qualified engineers, surveyors, and others as necessary for preparation of the study.
3. The expenditures for the engineering and mapping services are estimated to be \$130,000 and the District's share of total costs shall not exceed \$65,000 plus interest earned on monies deposited in the project fund, which contribution for the planning portion of this project shall be at least matched by SEMSWA, the Town of Parker, and Douglas County.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 49, SERIES OF 2019

(Authorization to Participate in a Planning Study of Cherry Creek Upstream of Cherry Creek Reservoir)

Exhibit A

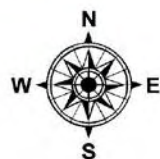
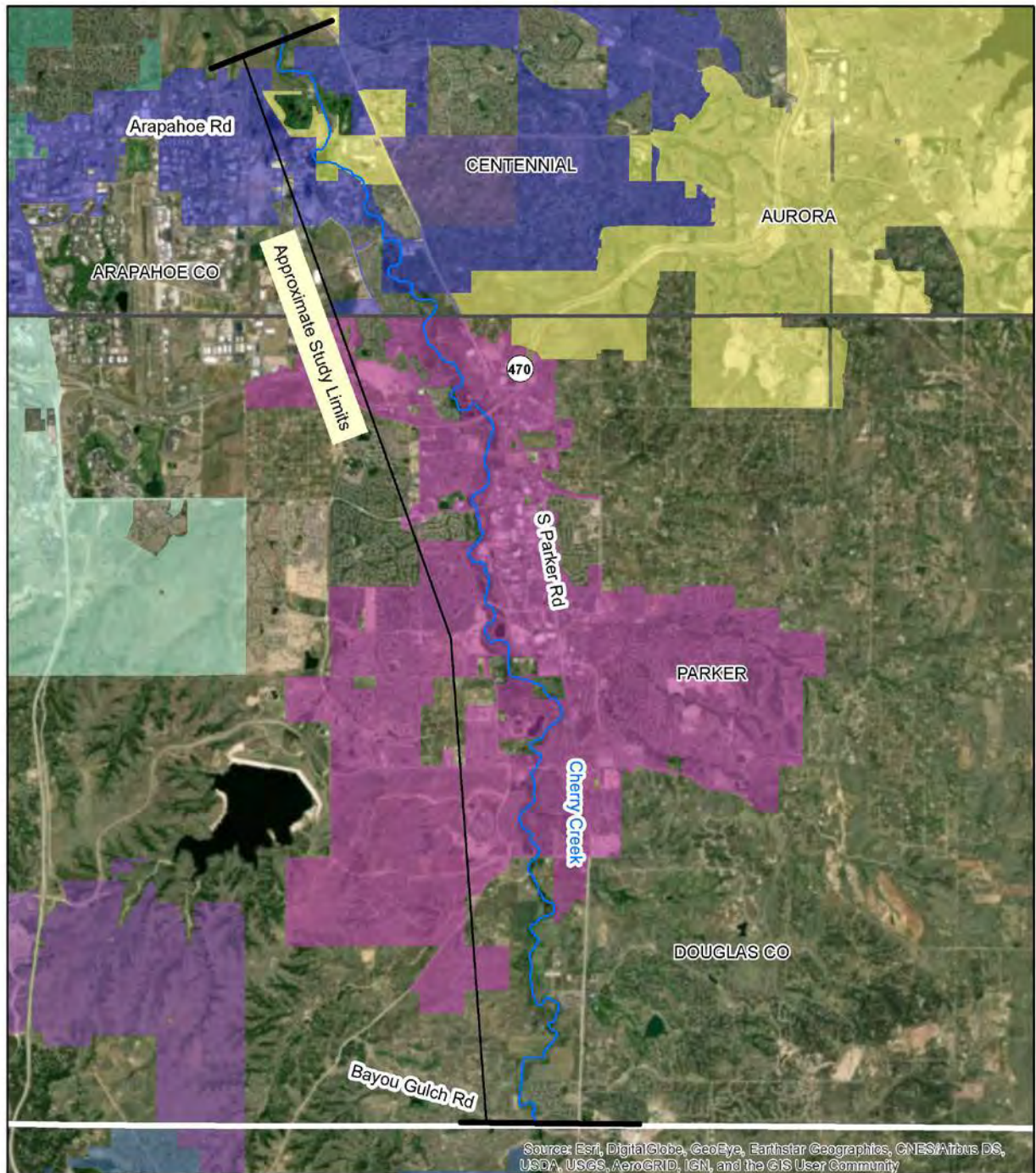


EXHIBIT A
Cherry Creek (U/S of Reservoir) MDP
Approximate Study Limits
June 2019

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 50, SERIES OF 2019 (Authorization to Participate in a Planning Study of Lafayette Area)

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 Lafayette and Boulder County have enacted floodplain regulations; and

WHEREAS, the Board has previously established a Work Program for 2019 (Resolution No. 66, Series of 2018) which includes master planning; and

WHEREAS, the Board previously cooperated with the City of Lafayette and Boulder County in the preparation of "Major Basinwide Planning, City of Lafayette/Boulder County Phase B – Development of Preliminary Plan," dated December 1980; and

WHEREAS, the City of Lafayette has expressed a desire to participate in a study leading to an outfall systems plan for streams in the Lafayette jurisdictional area; and

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

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

Sponsor	Master Plan Contribution
UDFCD	\$75,000
City of Lafayette	\$75,000
TOTAL	\$150,000

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute an agreement with the City of Lafayette to fund the required engineering and mapping services for the Lafayette area planning study.
2. The Executive Director is authorized to enter into agreements with qualified engineers, surveyors, and others as necessary for preparation of the study.
3. The expenditures for the engineering and mapping services are estimated to be \$150,000 and the District's share of total costs shall not exceed \$75,000 plus interest earned on monies deposited in the project fund, which contribution for the planning portion of this project shall be at least matched by the City of Lafayette.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 50, SERIES OF 2019
(Authorization to Participate in a Planning Study of Lafayette Area)

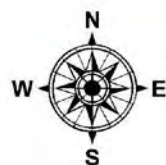
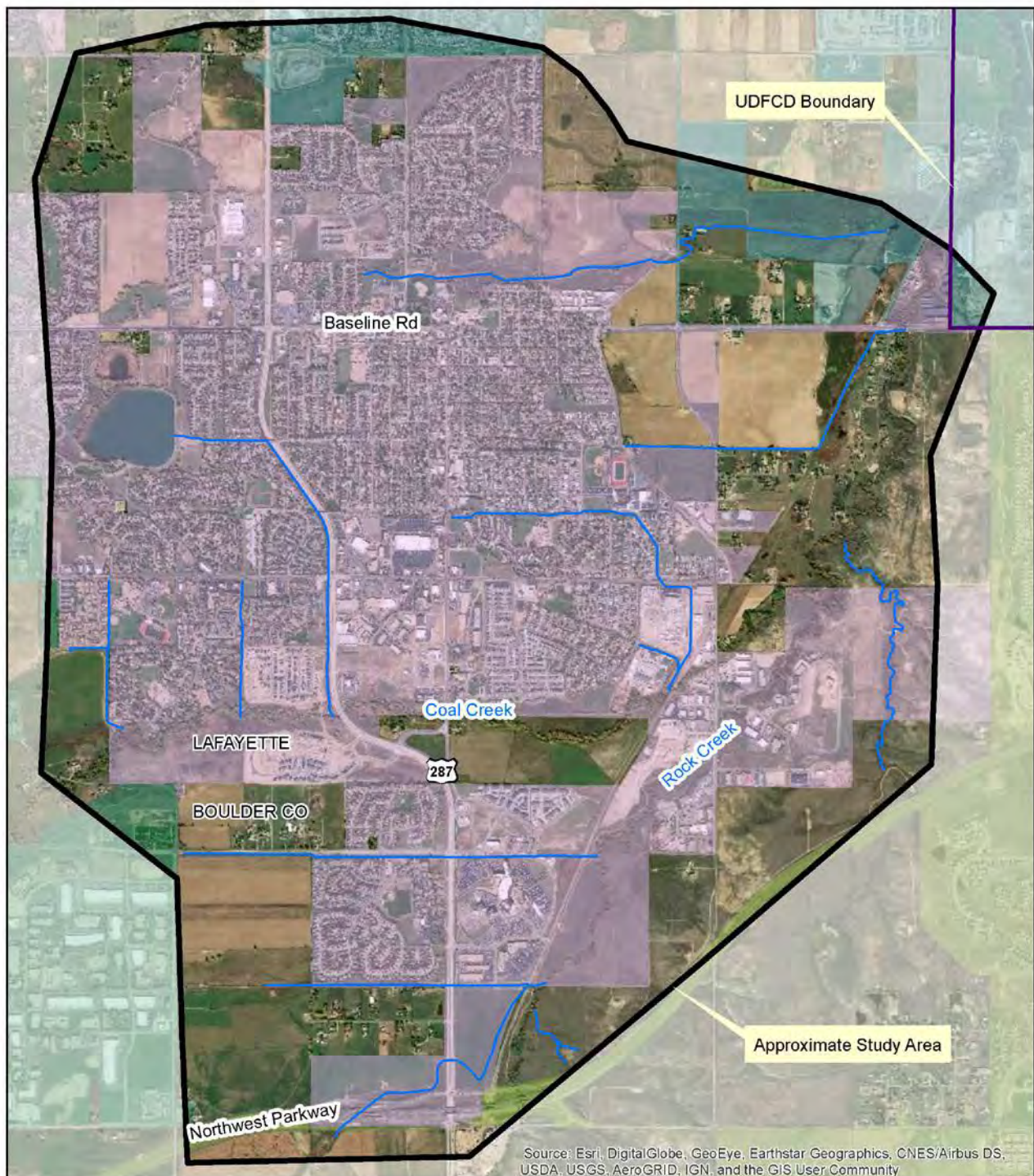


EXHIBIT A
Lafayette Area MDP
Approximate Study Limits
June 2019

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 51, SERIES OF 2019 (Additional Authorization to Participate in Drainage and Flood Control Improvements on Dad Clark Gulch Downstream of Wild Iris Run, 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 City of Littleton and the District cooperated in the preparation of "Master Plan of Drainage, Dad Clark Gulch," dated 1980; and

WHEREAS, the Board previously authorized \$322,500 for the Dad Clark Gulch downstream of Wild Iris Run project (Table 1); and

Table 1
Dad Clark Gulch Downstream of Wild Iris Run
Previous Authorizations

Resolution No.	Series of	District Authorization	Local Share	Work Elements
58	2017	\$72,500	\$72,500	Final Design and Construction Funding
38	2018	\$250,000	\$250,000	Construction Funding
TOTAL		\$322,500	\$322,500	

WHEREAS, the Highlands Ranch Metro District (HRMD) and the District now desire to construct improvements along Dad Clark Gulch downstream of Wild Iris Run (Exhibit A); and

WHEREAS, the District's additional participation being authorized by this resolution is \$470,000 to be at least matched by HRMD; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019 which includes funds for construction of drainage and flood control improvements along Dad Clark Gulch downstream of Wild Iris Run; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for the improvements along Dad Clark Gulch downstream of Wild Iris Run.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 58, Series of 2017, Paragraph 3, is further amended as follows:
"The District's maximum contribution to the Dad Clark Gulch downstream of Wild Iris Run project without prior approval of the Board shall be ~~\$322,500~~ **\$792,500** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the Highlands Ranch Metro District."
2. All other conditions and authorizations remain as stated in Resolution No. 58, Series of 2017.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 51, SERIES OF 2019

(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Dad Clark Gulch Downstream of Wild Iris Run, Highland Ranch Metro District, Douglas County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 52, SERIES OF 2019

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

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

WHEREAS, the City of Northglenn has enacted floodplain regulations; and

WHEREAS, the City of Northglenn and the District cooperated in the preparation of "Grange Hall Creek and Tributaries Major Drainageway Plan," dated July 2018; and

WHEREAS, the Board previously authorized \$1,545,000 for the Grange Hall Creek from Grant Drive to Larson Drive project (Table 1); and

Table 1
Grange Hall Creek from Grant Drive to Larson Drive
Previous Authorizations

Resolution No.	Series of	District Authorization	Local Share	Work Elements
46	2008	\$60,000	\$60,000	Design
41	2009	\$40,000	\$40,000	Design
32	2010	\$50,000	\$100,000	Design
17	2011	\$100,000	\$100,000	Design
23	2012	\$400,000	\$1,563,538	Design and Construction
42	2012	\$100,000	\$100,000	Construction
48	2012	\$100,000	\$100,000	Construction
66	2012	\$370,000	\$200,000	Construction
37	2016	\$325,000	\$1,460,000	Design and Construction
TOTAL		\$1,545,000	\$3,723,538	

WHEREAS, the City of Northglenn and the District now desire to construct improvements along Grange Hall Creek from Grant Drive to Larson Drive (Exhibit A); and

WHEREAS, the District's additional participation being authorized by this resolution is \$200,000 to be at least matched by the City of Northglenn; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019 which includes funds for construction of drainage and flood control improvements along Grange Hall Creek from Grant Drive to Larson Drive; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for the improvements along Grange Hall Creek from Grant Drive to Larson Drive.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 46, Series of 2008, Paragraph 3, is further amended as follows:
"The District's maximum contribution to the Grange Hall Creek from Grant Drive to Larson Drive project without prior approval of the Board shall be ~~\$1,545,000~~ **\$1,745,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Northglenn."
2. All other conditions and authorizations remain as stated in Resolution No. 46, Series of 2008.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 52, SERIES OF 2019

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

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 53, SERIES OF 2019 (Additional Authorization to Participate in Drainage and Flood Control Improvements on Happy Canyon Creek North of Lincoln Avenue, Douglas County)

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

WHEREAS, Douglas County has enacted floodplain regulations; and

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

WHEREAS, the Board previously authorized \$417,500 for the Happy Canyon Creek north of Lincoln Avenue project (Table 1); and

Table 1
Happy Canyon Creek North of Lincoln Avenue
Previous Authorizations

Resolution No.	Series of	District Authorization	Local Share	Work Elements
54	2015	\$62,500	\$344,073	Design and Construction Funding
33	2016	\$167,500	\$22,578	Construction Funding
58	2018	\$157,500	\$1,050,000	Construction Funding
71	2018	\$30,000	\$0	Construction Funding
TOTAL		\$417,500	\$1,416,651	

WHEREAS, Douglas County and the District now desire to construct improvements along Happy Canyon Creek north of Lincoln Avenue (Exhibit A); and

WHEREAS, the District's additional participation being authorized by this resolution is \$375,000 to be at least matched by Douglas County; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019 which includes funds for construction of drainage and flood control improvements along Happy Canyon Creek north of Lincoln Avenue; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for the improvements along Happy Canyon Creek north of Lincoln Avenue.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 54, Series of 2015, Paragraph 3, is further amended as follows:
"The District's maximum contribution to the Happy Canyon Creek north of Lincoln Avenue project without prior approval of the Board shall be ~~\$417,500~~ **\$792,500** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Douglas County."
2. All other conditions and authorizations remain as stated in Resolution No. 54, Series of 2015.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 53, SERIES OF 2018

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

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 54, SERIES OF 2019

(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Gregory Canyon Creek from Arapahoe Avenue to Pennsylvania Avenue, City of Boulder, Boulder County)

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

WHEREAS, the City of Boulder has enacted floodplain regulations; and

WHEREAS, the City of Boulder and the District cooperated in the preparation of "Gregory Canyon Creek Flood Mitigation Plan," dated December 2015, which recommends improvements on Gregory Canyon Creek from Arapahoe Avenue to Pennsylvania Avenue; and

WHEREAS, the Board previously authorized \$250,000 for the Gregory Canyon Creek from Arapahoe Avenue to Pennsylvania Avenue (Table 1); and

Table 1
Gregory Canyon Creek from Arapahoe Avenue to Pennsylvania Avenue
Previous Authorizations

Resolution No.	Series of	District Authorization	Local Share	Work Elements
41	2018	\$250,000	\$250,000	Design Funding
TOTAL		\$250,000	\$250,000	

WHEREAS, the City of Boulder and the District now desire to continue design and fund construction along Gregory Canyon Creek from Arapahoe Avenue to Pennsylvania Avenue (Exhibit A); and

WHEREAS, the District's additional participation being authorized by this resolution is \$400,000 to be at least matched by the City of Boulder; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019 which includes funds for construction of drainage and flood control improvements along Gregory Canyon Creek from Arapahoe Avenue to Pennsylvania Avenue; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for the improvements along Gregory Canyon Creek from Arapahoe Avenue to Pennsylvania Avenue.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 42, Series of 2018, Paragraph 3, is amended as follows:
"The District's maximum contribution to the Gregory Canyon Creek from Arapahoe Avenue to Pennsylvania Avenue project without prior approval of the Board shall be ~~\$250,000~~ **\$650,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Boulder."
2. All other conditions and authorizations remain as stated in Resolution No. 41, Series of 2018.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

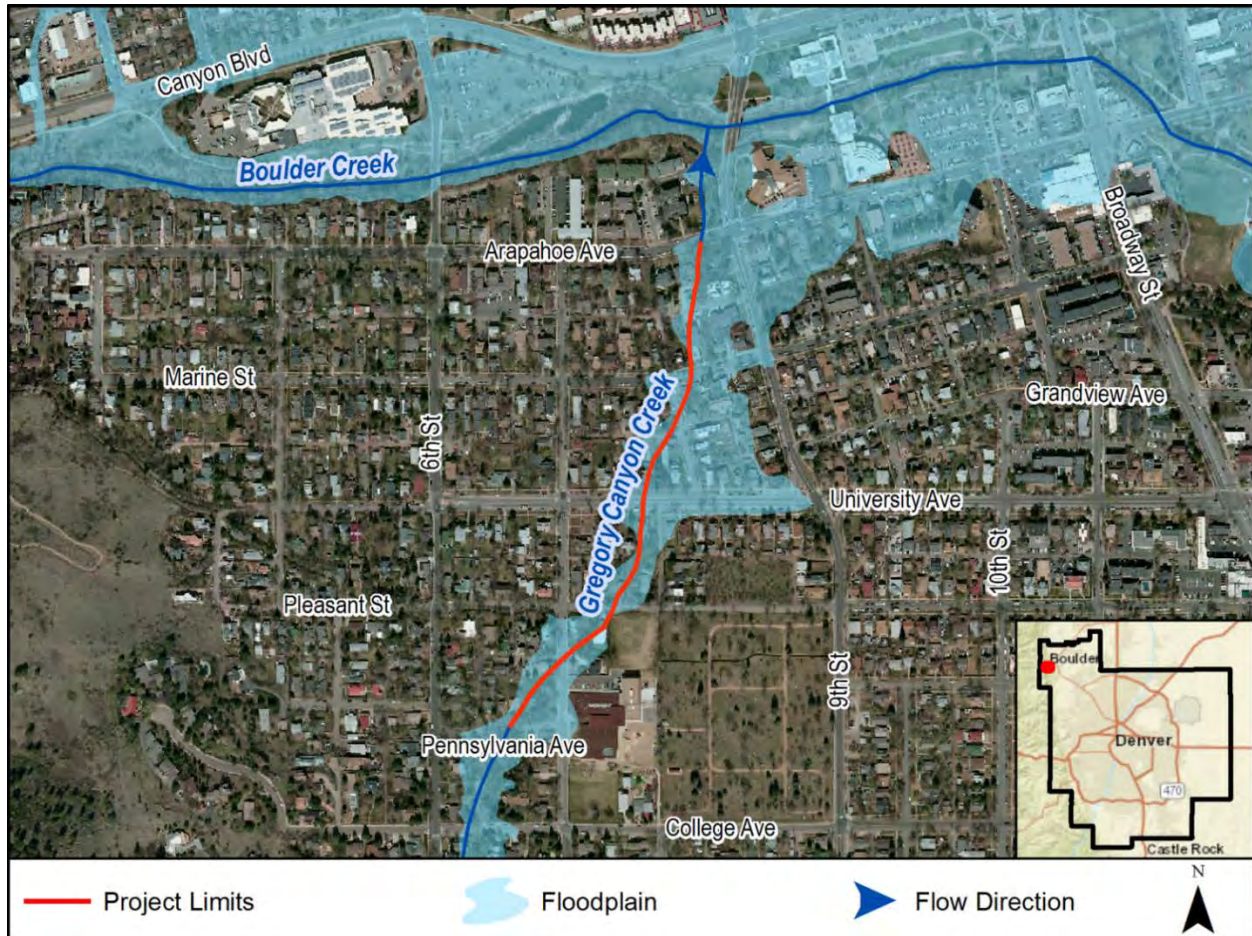
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 54, SERIES OF 2019

(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Gregory Canyon Creek from Arapahoe Ave to Pennsylvania Ave, City of Boulder, Boulder County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 55, SERIES OF 2019 (Additional Authorization to Participate in Drainage and Flood Control Improvements on South Boulder Creek Upstream of US Hwy 36, City of Boulder, Boulder County)

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

WHEREAS, the City of Boulder has enacted floodplain regulations; and

WHEREAS, the City of Boulder and the District cooperated in the preparation of "Final South Boulder Creek Major Drainageway Plan – Alternative Analysis Report," dated August 2015, which recommends improvements on South Boulder Creek upstream of US Hwy 36; and

WHEREAS, the Board previously authorized \$120,000 for the South Boulder Creek upstream of US Hwy 36 project (Table 1); and

Table 1
South Boulder Creek Upstream of US Hwy 36
Previous Authorizations

Resolution No.	Series of	District Authorization	Local Share	Work Elements
42	2018	\$120,000	\$120,000	Design Funding
TOTAL		\$120,000	\$120,000	

WHEREAS, the City of Boulder and the District now desire to continue design along South Boulder Creek (Exhibit A); and

WHEREAS, the District's additional participation being authorized by this resolution is \$200,000 to be at least matched by the City of Boulder; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019 which includes funds for construction of drainage and flood control improvements along South Boulder Creek upstream of US Hwy 36; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for the improvements along South Boulder Creek upstream of US Hwy 36.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 42, Series of 2018, Paragraph 3, is amended as follows:
"The District's maximum contribution to the South Boulder Creek upstream of US Hwy 36 project without prior approval of the Board shall be ~~\$120,000~~ **\$320,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Boulder."
2. All other conditions and authorizations remain as stated in Resolution No. 42, Series of 2018.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

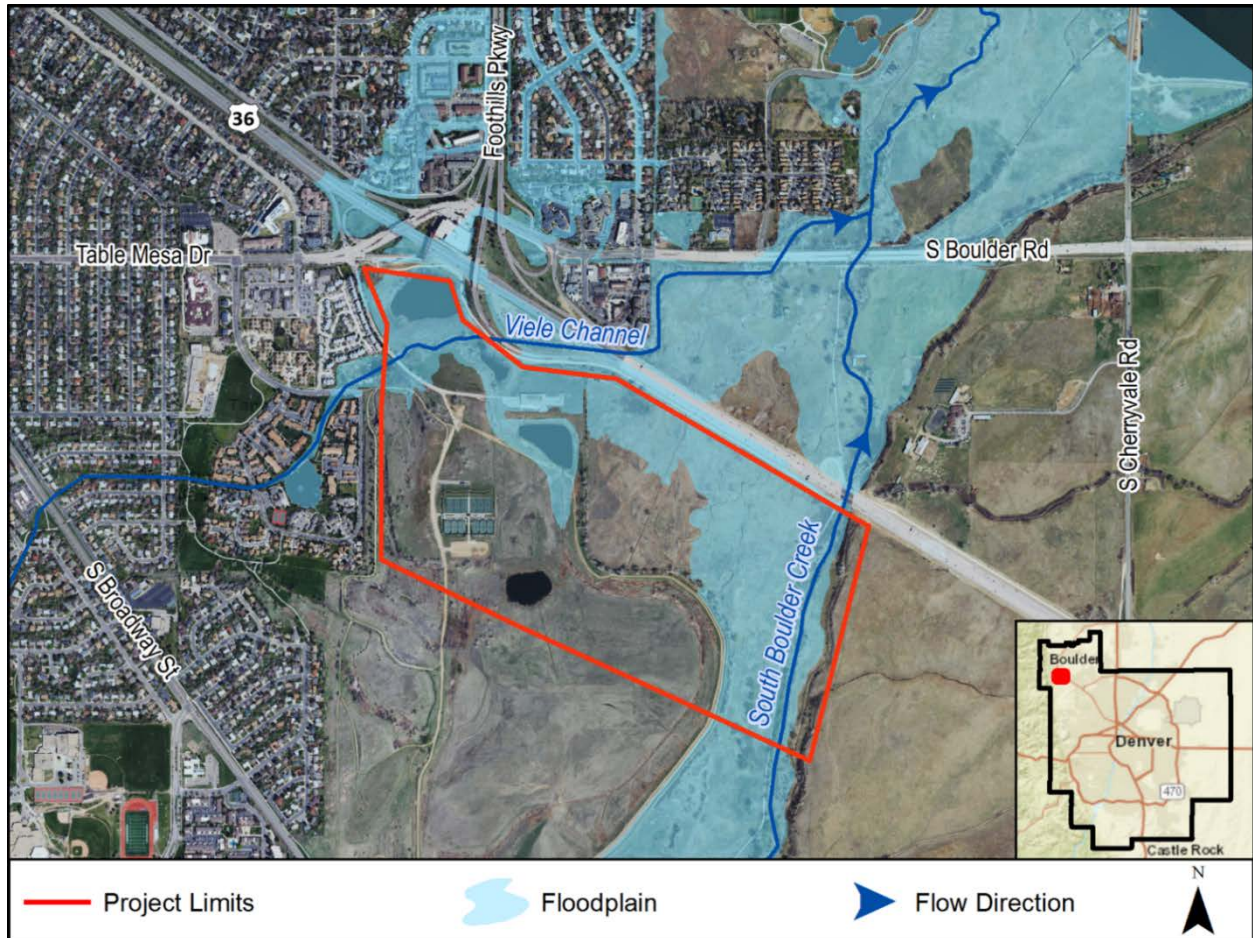
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 55, SERIES OF 2019

(Additional Authorization to Participate in Drainage and Flood Control Improvements
on South Boulder Creek Upstream of US Hwy 36, City of Boulder, Boulder County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 56, SERIES OF 2019
(Amended Designation of Public Place for Posting of Meeting Notices)

WHEREAS, the Colorado Open Meeting Law was amended effective August 2, 2019 to permit and encourage a local public body to post notices of its public meetings on its website, if possible; and

WHEREAS, the notice shall, to the extent feasible, be searchable by type of meeting, date of meeting, time of meeting, agenda contents, and any other category deemed appropriate by the local public body; and

WHEREAS, in addition to posting notices of its public meetings on its website, the public body shall designate a public place within its boundaries at which it may post a notice, no less than twenty-four hours prior to a meeting, if it is unable to post a notice on its website in exigent or emergency circumstances, such as a power outage or an interruption in internet service that prevents the public from accessing the notice online.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board of Directors, effective August 2, 2019, hereby designates that all notices of its meetings shall be posted twenty-four hours in advance of any meeting on its website at <https://udfcd.org/meetings> and such notices shall be searchable by type of meeting, date of meeting, time of meeting, and agenda contents.
2. If exigent or emergency circumstances prevent a notice of a meeting being posted on the District's website, such meeting notice shall be posted twenty-four hours in advance in the window area adjacent to the main entrance to the District's office at 2480 West 26th Avenue, Suite 156-B, Denver, Colorado, as the public place for posting of meeting notices.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

Table 1
Individual Project Additional Authorizations

A	B	C	D	E	F	G	H	I	J
Project Name	Original Resolution	Additional 2019 District Funding	Previous Maximum District Contribution	New Maximum District Contribution	Local Government Partners	Design % Complete	Construction % complete or year when start	Total Project Costs	Authorized
ADAMS COUNTY									
*Grange Hall Creek at Washington	No. 46 Series of 2008	\$200,000	\$1,545,000	\$1,745,000	Northglenn	75%	75%	\$6,800,000	06/19
*North Outfall	No. 4 Series of 2006	\$120,000	\$1,630,00	\$1,750,000	Brighton	50%	50%	\$10,500,000	02/19
*Dahlia Street Outfall	No. 50, Series of 2018	\$375,000	\$75,000	\$450,000	Adams	90%	2019	\$4,000,000	04/19
Hoffman Drainageway 88 th to Steele	No. 49, Series of 1997	\$300,000	\$350,000	\$650,000	Adams	85%	85%	\$9,000,000	02/19
22 nd Ave Outfall to Westerly Creek	No. 43, Series of 2018	\$200,000	\$300,000	\$500,000	Aurora			\$1,000,000	03/19
ARAPAHOE COUNTY									
*First Creek Detention	No. 58, Series of 2009	\$400,000	\$3,049,000	\$3,449,000	Aurora	10%	TBD	\$12,000,000	03/19
*Little's Creek	No. 37, Series of 2015	\$250,000	\$250,000	\$500,000	Littleton	30%	2020	\$1,000,000	03/19
Easterly Creek – 1 st & Kenton	No. 15, Series of 2015	\$1,025,000	\$575,000	\$1,600,000	Aurora	100%	10%	\$7,402,000	03/19
Greenwood Gulch at Quincy	No. 63, Series of 2017	\$100,000	\$100,000	\$200,000	Cherry Hills Village				
*Big Dry Creek b/w County Line and East Orchard	No. 57, Series 2018	\$250,000	\$50,000	\$300,000	SEMSWA	0%	Tbd	\$2,000,000	04/19
BOULDER COUNTY									
*South Boulder Creek u/s HWY 36	No. 42, Series of 2018	\$200,000	\$120,000	\$320,000	City of Boulder	10%	2022	\$40,000,000	06/19
*Gregory Canyon Creek – Arapahoe to Pennsylvania	No. 41, Series of 2018	\$400,000	\$250,000	\$650,000	City of Boulder	0%	TBD	\$12,000,000	06/19

A	B	C	D	E	F	G	H	I	J
Project Name	Original Resolution	Additional 2019 District Funding	Previous Maximum District Contribution	New Maximum District Contribution	Local Government Partners	Design % Complete	Construction % complete or year when start	Total Project Costs	Authorized
Bullhead Gulch Drainage Underpass	No. 35, Series of 2016	\$400,000	\$100,000	\$500,000	Louisville	60%	2020	\$2,500,000	
Coal Creek – McCaslin to HWY 36	No. 58, Series of 2016	\$110,000	\$696,243	\$806,243	Superior	95%	25%	\$2,200,000	02/19
BROOMFIELD CITY & COUNTY									
*Nissen Reservoir Drainageway – Lowell to Tennyson	No. 45, Series of 2016	\$270,000	\$780,000	\$1,050,000	Broomfield	40%	2019	\$3,000,000	03/19
DENVER CITY & COUNTY									
*Cherry Creek Stabilization (Monaco to Illiff)	No. 31, Series of 2011	\$1,550,000	\$2,550,000	\$4,100,000	Denver	90%	2019	\$13,900,000	
Sanderson Gulch at the South Platte River	No. 12, Series of 2016	\$1,650,000	\$2,630,000	\$4,280,000	Denver	100%	50%	\$18,900,000	03/19
*Globeville OSP (49 th and Grant) Platte Farms	No. 18, Series of 2017	\$600,000	\$150,000	\$750,000	Denver	50%	2019	\$5,000,000	03/19
Marston Lake d/s Garrison Street	No. 68, Series of 2012	\$750,000	\$950,000	\$1,700,000	Denver	100%	2019	\$3,500,000	
DOUGLAS COUNTY									
*Timbers Creek d/s Fox Sparrow	No. 34, Series of 2017	\$125,000	\$50,000	\$175,000	Douglas	10%	2019	\$4,000,000 - \$5,000,000	02/19
*Happy Canyon Creek north of Lincoln	No. 54, Series of 2015	\$475,000	\$417,500	\$892,500	Douglas	5%	2020	\$3,000,000	06/19
Dad Clark Gulch, Wild Iris Run	No. 58, Series of 2017	\$500,000	\$322,500	\$822,500	Highlands Ranch	30%	2019	\$1,500,000	06/19
Cherry Creek at KOA	No. 33, Series of 2017	\$200,000	\$315,000	\$515,000	Parker	40%	2020	\$2,000,000	02/19
*West Big Dry Creek d/s Canongate Lane	No.70, Series of 2018	\$45,000	\$85,000	\$130,000	Highlands Ranch	100%	2019	\$260,000	

A	B	C	D	E	F	G	H	I	J
Project Name	Original Resolution	Additional 2019 District Funding	Previous Maximum District Contribution	New Maximum District Contribution	Local Government Partners	Design % Complete	Construction % complete or year when start	Total Project Costs	Authorized
JEFFERSON COUNTY									
*North Dry Gulch – Lamar to Teller	No. 65, Series of 2008	\$225,000	\$3,775,000	\$4,000,000	Lakewood	0%	TBD	\$11,000,000	
*Van Bibber Creek Crossing at McIntyre	No. 25, Series of 2016	\$300,000	\$1,248,000	\$1,548,000	Jefferson	100%	30%	\$3,500,000	03/19
South & Middle Hyland Creek u/s & d/s 104 th	No. 77, Series of 2016	\$350,000	\$963,000	\$1,313,000	Westminster	0%	2020	\$2,600,000	02/19
*Big Dry Creek – Sheridan to Standley Lake	No. 75, Series of 2016	\$125,000	\$300,000	\$425,000	Westminster	15%	TBD	\$1,600,000	
*Walnut Creek – US 36 to Wadsworth Pkwy	No. 53, Series of 2018	\$325,000	\$200,000	\$525,000	Westminster	0%	TBD	\$1,250,000	
Leyden Creek at Alkire Street	No. 43, Series of 2014	\$500,000	\$450,000	\$950,000	Arvada	90%	2019	\$1,900,000	

Catered Lunch – 12:15 pm

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

- 1. Call to Order and Pledge of Allegiance – 1:00 pm**
- 2. Introductions**
 - a. Swearing in of New Board Members
 - i. Council Member Jolon Clark (City and County of Denver)
 - b. Visitors/Guests/Staff
 - i. Brik Zivkovich, Engineering Technologist, Watershed Services
 - c. Awards/Recognitions
- 3. Roll Call – Determination of Quorum**
- 4. Approval of June 27, 2019 Meeting Minutes**

(If there are no corrections "Minutes stand approved", or with corrections "Minutes stand approved as corrected")
- 5. Presentation Agenda**

(Each resolution will, after introduction and presentation from District staff, be placed on the Consent Agenda unless a request is made by a Board Member for action upon the resolution separately)

 - a. Authorization to Participate in Drainage and Flood Control Improvements on Baseline Road at Dry Creek Ditch No. 3, Boulder County (Resolution No. 57, Series of 2019)
- 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 of a specific resolution for a presentation by District staff or discussion)

 - a. Review of Cash Disbursements
 - b. Additional 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. 58, Series of 2019)
 - c. Additional Authorization to Participate in Drainage and Flood Control Improvements on Greenwood Gulch at Quincy Avenue, City of Cherry Hills Village, Arapahoe County (Resolution No. 59, Series of 2019)
 - d. Additional Authorization to Participate in Drainage and Flood Control Improvements on Willow Creek Outfall at Rampart Range Road, Douglas County (Resolution No. 60, Series of 2019)
- 7. Vote on Approval of the Consent Agenda**

(Motion and roll call vote required)
- 8. Reports/Discussions**
 - a. Executive Director's Report
 - b. Project Showcase
- 9. Announcements**
 - a. Next Regularly Scheduled Meeting: **Thursday, October 17, 2019**
- 10. Adjournment**



URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

BOARD OF DIRECTORS MEETING Meeting Minutes June 27, 2019

Board Members Present:

Herb Atchison	Mayor, City of Westminster
Debbie Brinkman	Mayor, City of Littleton
Mark Hunter	Engineer
Paul Kashmann	Council Member, City/County of Denver
Paul López	Council Member, City/County of Denver
John Marriott	Mayor Pro Tem, City of Arvada
Adam Paul	Mayor, City of Lakewood
Bob Roth	Mayor Pro Tem, City of Aurora
Dave Sellards	Engineer
Nancy Sharpe	Commissioner, Arapahoe County
Bud Starker	Mayor, City of Wheat Ridge
Libby Szabo	Commissioner, Jefferson County
Chaz Tedesco	Commissioner, Adams County
Lora Thomas	Commissioner, Douglas County

Board Members Absent:

Randy Ahrens	Mayor, City/County of Broomfield
Stacie Gilmore	Council Member, City/County of Denver
Matt Jones	Commissioner, Boulder County
Stephanie Piko	Mayor, City of Centennial
Murphy Robinson	Deputy Mayor, City/County of Denver
Sam Weaver	Mayor Pro Tem, City of Boulder
Heidi Williams	Mayor, City of Thornton

UDFCD Staff Present:

Ken MacKenzie	Executive Director
Edward Autterson	Student Intern, Watershed Services
Kurt Bauer	Project Manager, Stream Services
Dave Bennetts	Program Manager, Operations & Development
Stephanie Caulk	Student Intern, Stream Services
Barbara Chongtoua	Project Manager, Stream Services
Amelia Deleon	Human Resources Manager
Terri Fead	Floodplain Manager, Watershed Services
Dan Hill	Engineering Technologist, Watershed Services
Laura Kroeger	Program Manager, Stream Services
Morgan Lynch	Project Manager, Watershed Services
Kelsey Mehan	Office Coordinator
Keiko Ohtake-Gordon	Student Intern, Operations & Development
Teresa Patterson	Project Manager, Watershed Services
Holly Piza	Standards Development Manager, Operations & Development
Terri Schafer	Finance and Accounting Manager
Quinten Schaffner	Student Intern, Stream Services
Derrick Schauer	IS Network Administrator
Mark Schutte	Engineering Technologist, Stream Services
Brooke Seymour	Project Manager, Watershed Services
Jason Stawski	Engineering Technologist, Operations & Development
Kevin Stewart	Program Manager, Flood Warning and Information Services
Jim Watt	Project Manager, Watershed Services

Others Present:

Andrew Hawthorne	City of Westminster
Jim Kaiser	City of Thornton
David Rausch	Adams County
Heather McDaniel	Souder, Miller & Associates
Gabe Anderson	Souder, Miller & Associates
Ed Krisor	Legal Counsel

How the District Works -

Mrs. Holly Piza, Standards Development Manager, Operations & Development, gave a presentation on Stormwater Monitoring.

1. Call to Order and Pledge of Allegiance - 1:00 pm

Commissioner Libby Szabo called the meeting to order at 1:00 pm.

2. Introductions

a. Visitors/Guests/Staff

Mr. Ken MacKenzie introduced the following guests:

- Andrew Hawthorne City of Westminster
- Jim Kaiser City of Thornton
- David Rausch Adams County
- Heather McDaniel Souder, Miller & Associates
- Gabe Anderson Souder, Miller & Associates

Mr. MacKenzie introduced four new employees:

- Stephanie Caulk, Student Intern, Stream Services
- Keiko Ohtake-Gordon, Student Intern, Operations & Development
- Quinten Schaffner, Student Intern, Stream Services
- Edward Auttersson, Student Intern, Watershed Services

b. Awards/Recognitions

i. ACEC National Honor Award - Little Dry Creek at Westminster Station Project

Mr. MacKenzie congratulated Mr. David Skuodas, Project Manager, Stream Services, for the American Council of Engineering Companies (ACEC) of Colorado National Honor Award for the Little Dry Creek at Westminster Station Project.

ii. National Association of Housing and Redevelopment Officials - Commissioner's Award

Mr. MacKenzie also congratulated Commissioner Chaz Tedesco for receiving the Commissioner's Award for his work on the Homes for Hope Program, which provides emergency, short-term safety and comfort for Adams County foster children.

iii. Councilman Paul Lopez - Denver Clerk and Recorder

Mr. MacKenzie announced that today would be Councilman Paul Lopez's last Board Meeting and congratulated him on his well-deserved election to the post of Denver Clerk and Recorder. Mr. MacKenzie thanked Councilman Lopez for his nine years of distinguished service to our Board of Directors.

3. Roll Call – Determination of Quorum

Roll was called and a quorum was declared present.

4. Approval of April 18, 2019 Meeting Minutes

(If there are no corrections "Minutes stand approved", or with corrections "Minutes stand approved as corrected")

Commissioner Szabo asked if there were any corrections to the April 18, 2019 minutes. Hearing none, the minutes were approved as submitted.

5. Presentation Agenda

(Each resolution will, after introduction and presentation from District staff, be placed on the Consent Agenda unless a request is made by a Board Member for action upon the resolution separately.)

a. Authorization to Participate in a Planning Study of Cherry Creek Upstream of Cherry Creek Reservoir (Resolution No. 49, Series of 2019)

In 2012, the Southeast Metro Stormwater Authority (SEMSWA) requested a major drainageway planning study for Cherry Creek upstream of Cherry Creek Reservoir. Parker and Douglas County agreed to participate in the study as funding sponsors. The Cherry Creek Water Quality Basin Authority (CCWQBA) will likely contribute financially to the study as well.

The current relevant UDFCD study of Cherry Creek upstream of Cherry Creek Reservoir is:

- “Cherry Creek Corridor – Reservoir to Scott Road Major Drainageway Planning,” (URS, 2004)

There have been several projects along Cherry Creek in the project area to stabilize the stream and restore its function. The project sponsors would like to develop a plan to continue the work along the entire stream of Cherry Creek upstream of the reservoir within the UDFCD boundary. This study will provide a consistent plan for Cherry Creek, outlining the goals of restoration and identifying priority projects for implementation. The master planning costs are projected to be \$130,000 with the local sponsors contributing \$65,000.

Resolution No. 49 authorizes \$65,000 of District funds from the General Fund to be at least matched by SEMSWA, Parker, and Douglas County for the planning study.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 49 on the Consent Agenda.

b. Authorization to Participate in a Planning Study of Lafayette Area (Resolution No. 50, Series of 2019)

In 2016, the City of Lafayette requested an update to the existing outfall systems planning study for streams within their jurisdiction. Boulder County will participate in the study as a stakeholder. Previous UDFCD studies of the study area include:

- “Major Basinwide Planning City of Lafayette/Boulder County Phase B – Development of Preliminary Plan,” (Camp Dresser & McKee, 1980)

The previous master plan included recommendations that are no longer in line with current stream management practices, such as engineered trapezoidal channels with multiple drop structures. The watershed has changed quite a bit since the previous study, and there is still additional development anticipated in the near future so the City of Lafayette needs to understand the stream corridor to help guide development. The master planning costs are projected to be \$150,000 with the local sponsors contributing \$75,000.

Resolution No. 50 authorizes \$75,000 of District funds from the General Fund to be at least matched by the City of Lafayette for the planning study.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 50 on the Consent Agenda.

6. Consent Agenda

Mr. MacKenzie announced that the agenda items under the Consent Agenda would not include presentations, and asked the Board if they had any questions regarding any of the resolutions included on the Consent Agenda. There being no further comments or questions, it was the consensus of the Board to place Resolutions 51, 52, 53, 54, 55, 56, and the Review of Cash Disbursements dated April, May, and June 2019, on the Consent Agenda.

a. Review of Cash Disbursements

The Cash Disbursement list, dated April, May, and June 2019, has been distributed to the Board for review. There being no further comments or questions, it was the consensus of the Board to include approval of the Cash Disbursements on the Consent Agenda.

- b. Additional Authorization to Participate in Drainage and Flood Control Improvements on Dad Clark Gulch Downstream of Wild Iris Run, Highlands Ranch Metro District, Douglas County (Resolution No. 51, Series of 2019)
 - c. Additional Authorization to Participate in Drainage and Flood Control Improvements on Grange Hall Creek from Grant Drive to Larson Drive, City of Northglenn, Adams County (Resolution No. 52, Series of 2019)
 - d. Additional Authorization to Participate in Drainage and Flood Control Improvements on Happy Canyon Creek North of Lincoln Avenue, Douglas County (Resolution No. 53, Series of 2019)
 - e. Additional Authorization to Participate in Drainage and Flood Control Improvements on Gregory Canyon Creek from Arapahoe Avenue to Pennsylvania Avenue, City of Boulder, Boulder County (Resolution No. 54, Series of 2019)
 - f. Additional Authorization to Participate in Drainage and Flood Control Improvements on South Boulder Creek Upstream of US Hwy 36, City of Boulder, Boulder County (Resolution No. 55, Series of 2019)
 - g. Amended Designation of Public Place for Posting of Meeting Notices (Resolution No. 56, Series of 2019)
7. Vote on Approval of the Consent Agenda
- It was the consensus of the Board that Resolutions No. 49, 50, 51, 52, 53, 54, 55 and 56, Series of 2019, and Review of Cash Disbursements dated April, May, and June 2019, be placed on the Consent Agenda. Commissioner Szabo moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.
8. Reports/Discussions
- a. Executive Director's Report
- Monthly Budget Update
- Mr. MacKenzie provided a budget update, which included expenditures to date as of May 31, 2019. An investment summary was also provided to the board. Year to date, the District has earned \$578k in interest on investments.
- Flood Related Fatalities
- Mr. MacKenzie reported that nationwide, a total of 43 people were killed this year due to flood-related fatalities, most of which were due to people driving their cars into flooded areas. In Colorado, snow runoff does not equate to flooding due to our reservoirs. The flooding we experience is primarily due to heavy amounts of rain that falls in a short period of time. A bill was passed this month that will deliver \$19.1 billion in disaster relief to communities across the country that are still recovering from catastrophic hurricanes, wildfires, and flooding.
- 32-11-218 CRS Miscellaneous Powers
- Mr. MacKenzie cited Colorado Revised Statute 32-11-218 which discusses the District's miscellaneous powers, including:
- (f)(I) To adopt, amend, repeal, enforce, and otherwise administer under the police power such reasonable flood-plain zoning resolutions, rules, regulations, and orders pertaining to properties within the district of any public body or other person (other than the federal government) reasonably affecting the collection, channeling, impounding, or disposition of rainfall, other surface and subsurface drainage, and storm and flood waters (or any combination thereof), including without limitation variances in the event of any practical difficulties or unnecessary hardship and exceptions in the event of appropriate factors, as the board may from time to time deem necessary or convenient. In the event of any conflict between any flood-plain zoning regulation adopted under this section and any flood-plain zoning regulation adopted by any other public body, the more restrictive regulation shall control.

(II) No such resolution, rule, regulation, or order shall be adopted or amended except by action of the board on the behalf and in the name of the district after a public hearing thereon is held by the board, in connection with which any public body owning drainage and flood control facilities in the area involved or otherwise exercising powers affecting drainage and flood control therein and other persons of interest have an opportunity to be heard, after mailed notice of the hearing is given by the secretary to each such public body and after notice of such hearing is given by publication by the secretary to persons of interest, both known and unknown.

The above statutory requirement resulted in the very first floodplain regulation ever enacted in the State of Colorado back in 1969, this being the Flood District's floodplain regulation. At the August Board Meeting, the District hopes to have a resolution to bring before the board for adoption that will update our floodplain regulation language to provide more clarity and guidance on the prohibition of camping in flood-prone areas. The goals of these updates include:

- Provide clarity on what areas are considered high risk for flooding
- Defining 'camping'
- Updating the language where necessary
- Ultimately, provide local government staff with a tool to enforce camping prohibitions in flood-prone areas
- Updates will made to emphasize the safety and environmental aspects of this regulation

After much board discussion, board members agree that this language should be updated, but caution was advised on how we move forward updating and enforcing this regulation. The Board would like to see a draft of the revisions several weeks ahead of the August meeting in order to review the document with the appropriate contacts and have time to provide thoughtful feedback. Mr. MacKenzie will provide the board with a tracked-changed version of the entire regulation, before the end of July. **(On 7/24/2019, Mr. MacKenzie updated the Board of Directors on this topic, via email, informing them that the District has contracted Jeff Shoemaker with the Greenway Foundation to build a coalition of local governments to address this topic. We will hold off on making floodplain regulation changes for a few months while Mr. Shoemaker works with our local government partners to prepare them for the proposed changes.)*

b. Project Showcase

Mrs. Barbara Chongtouna, Project Manager, Stream Services, conducted a presentation on the Stream Management Academy. Highlights include:

- Led by UDFCD, the Colorado Riparian Association, and the Colorado Association of Floodplain Managers (CASFM), the academy provides a forum for floodplain experts to work together for the common goal of healthier watersheds
- The academy is a nine-month program and, at the end, graduates become Watershed Ambassadors that will help to evolve land and stream management practices
- This is just one way that the District delivers on its mission to provide outreach and education to the floodplain community

9. Announcements

a. Next Board Meeting: Thursday August 15, 2019 (No meeting in July)

The next regularly scheduled Board meeting will take place on Thursday, August 15, 2019.

b. 50th Anniversary Celebration

The District is celebrating 50 years of service with a party on Thursday, July 18 from 3pm to 6pm at Confluence Park. Board Members are asked to provide their RSVP by Monday, July 8.

10. Adjournment

Commissioner Szabo adjourned the meeting at 2:01 p.m.

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 57, SERIES OF 2019
(Authorization to Participate in Drainage and Flood Control Improvements
on Baseline Road at Dry Creek Ditch No. 3, Boulder County)

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

WHEREAS, Boulder County has enacted floodplain regulations; and

WHEREAS, Boulder County and the District cooperated in the preparation of "Flood Hazard Area Delineation Boulder Creek and Dry Creek," dated June 1975, which documents flooding conditions on Dry Creek Ditch No. 3; and for which there is a need to replace the aging existing 1950 bridge crossing and support public safety; and

WHEREAS, Boulder County has requested the District's participation in the design, acquisition of right-of-way, and construction of improvements to the Dry Creek Ditch No. 3 (Exhibit A); and

WHEREAS, Boulder County has estimated the initial project costs to be \$380,000; and

WHEREAS, the District's participation being authorized by this resolution is \$190,000 to be at least matched by Boulder County; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund–Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019, which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements along Dry Creek Ditch No. 3; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for the improvements in Boulder County.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director of the Urban Drainage and Flood Control District d/b/a Mile High Flood District is authorized to execute the necessary agreements with Boulder County for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Dry Creek Ditch No. 3.
2. The Executive Director is authorized to enter into agreements 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 Dry Creek Ditch No. 3.
3. The District's maximum contribution to the Baseline Road at Dry Creek Ditch No. 3 project, without prior approval of the Board, shall be \$190,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Boulder County.
4. Such approval for expenditure of District funds is contingent upon Boulder County agreeing to regulate and control any defined floodplain in the Baseline Road at Dry Creek Ditch No. 3 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)

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT
Date: _____

ATTEST:

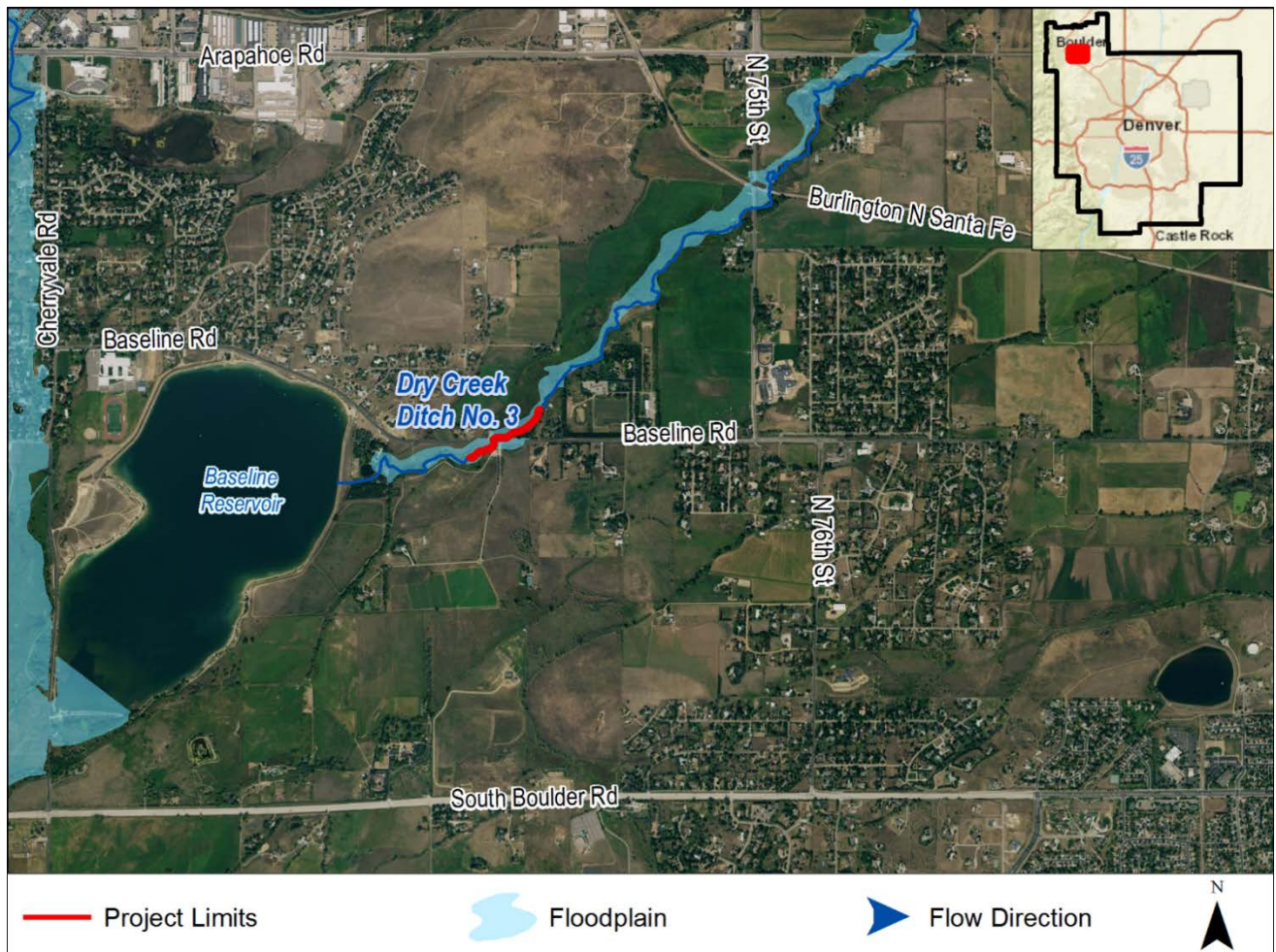
Secretary

Chairperson

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 57, SERIES OF 2019
(Authorization to Participate in Drainage and Flood Control Improvements
on Baseline Road at Dry Creek Ditch No. 3, Boulder County)

EXHIBIT A



URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 58, SERIES OF 2019
(Additional 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 Drainage Plan," dated March 2012; and

WHEREAS, the Board previously authorized \$300,000 for the Big Dry Creek (ADCO), upstream of Sheridan Boulevard project (Table 1); and

Table 1
Big Dry Creek (ADCO), Upstream of Sheridan Boulevard
Previous Authorizations

Resolution No.	Series of	District Authorization	Local Share	Work Elements
75	2016	\$50,000	\$50,000	Design
61	2017	\$125,000	\$125,000	Design, Right-of-Way, and Construction
25	2018	\$125,000	\$125,000	Construction
TOTAL		\$300,000	\$300,000	

WHEREAS, the City of Westminster and the District now desire to construct improvements along Big Dry Creek (ADCO), upstream of Sheridan Boulevard (Exhibit A); and

WHEREAS, the District's additional participation being authorized by this resolution is \$600,000 to be at least matched by the City of Westminster; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund - Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019 which includes funds for construction of drainage and flood control improvements along Big Dry Creek (ADCO), upstream of Sheridan Boulevard; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for the improvements along Big Dry Creek (ADCO), upstream of Sheridan Boulevard.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 75, Series of 2016, Paragraph 3, is further amended as follows:
"The District's maximum contribution to the Big Dry Creek (ADCO), upstream of Sheridan Boulevard project without prior approval of the Board shall be ~~\$300,000~~ **\$900,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Westminster."
2. All other conditions and authorizations remain as stated in Resolution No. 75, Series of 2016.

(SEAL)

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT
Date: _____

ATTEST:

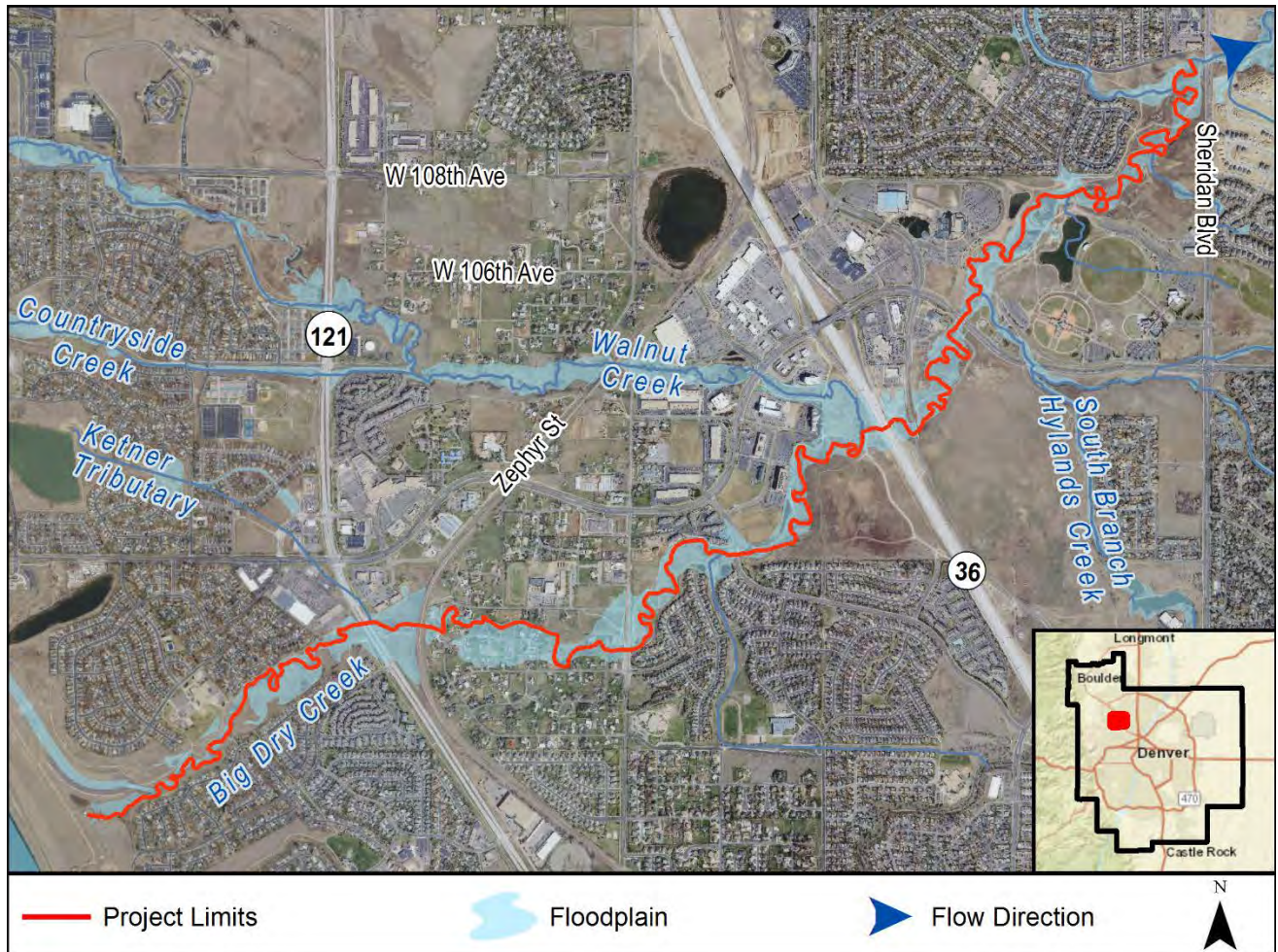
Secretary

Chairperson

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 58, SERIES OF 2019
(Additional 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



URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 59, SERIES OF 2019
(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Greenwood Gulch at Quincy Avenue, City of Cherry Hills Village, Arapahoe County)

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

WHEREAS, the City of Cherry Hills Village has enacted floodplain regulations; and

WHEREAS, the City of Cherry Hills Village and the District cooperated in the preparation of "Little Dry Creek (ARAPCO) Watershed Downstream Portions Major Drainageway Planning," dated August 2004; and

WHEREAS, the Board previously authorized \$100,000 for the Greenwood Gulch at Quincy Avenue project (Table 1); and

Table 1
Greenwood Gulch at Quincy Avenue
Previous Authorizations

Resolution No.	Series of	District Authorization	Local Share	Work Elements
63	2017	\$100,000	\$100,000	Final Design
TOTAL		\$100,000	\$100,000	

WHEREAS, the City of Cherry Hills Village and the District now desire to construct improvements along Greenwood Gulch at Quincy Avenue (Exhibit A); and

WHEREAS, the District's additional participation being authorized by this resolution is \$100,000 to be at least matched by the City of Cherry Hills Village; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund - Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019, which includes funds for construction of drainage and flood control improvements along Greenwood Gulch at Quincy Avenue; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for the improvements along Greenwood Gulch at Quincy Avenue.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 63, Series of 2017, Paragraph 3, is further amended as follows:
"The District's maximum contribution to the Greenwood Gulch at Quincy Avenue project without prior approval of the Board shall be ~~\$100,000~~ **\$200,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Cherry Hills Village."
2. All other conditions and authorizations remain as stated in Resolution No. 63, Series of 2017.

(SEAL)

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT
Date: _____

ATTEST:

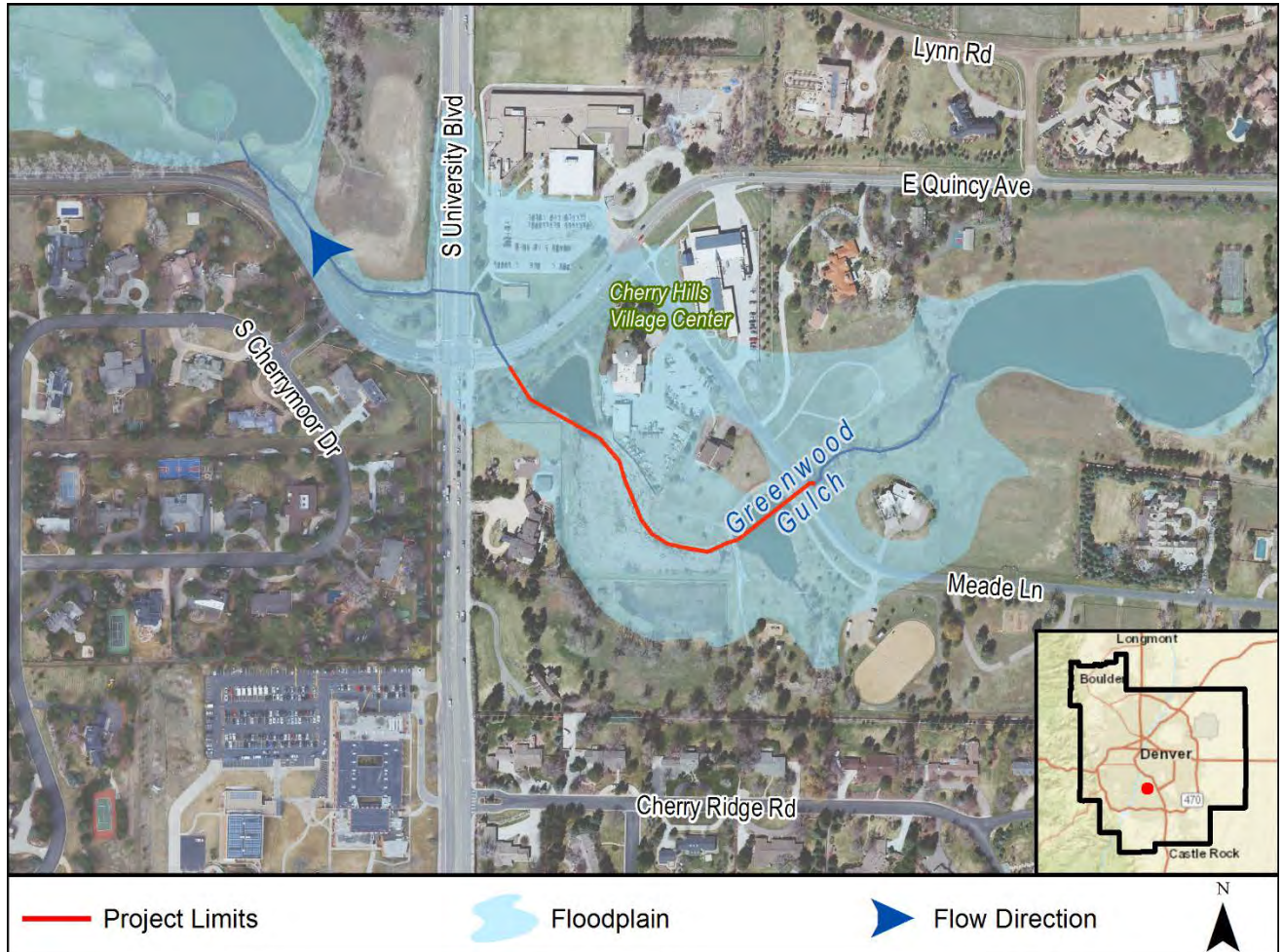
Secretary

Chairperson

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 59, SERIES OF 2019
(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Greenwood Gulch at Quincy Avenue, City of Cherry Hills Village, Arapahoe County)

EXHIBIT A



URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 60, SERIES OF 2019
(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Willow Creek Outfall at Rampart Range Road, Douglas County)

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

WHEREAS, Douglas County has enacted floodplain regulations; and

WHEREAS, Douglas County and the District cooperated in the preparation of "Willow Creek, Little Willow Creek, and East Willow Creek Outfall Systems Plan Preliminary Design Report," dated December 1998; and

WHEREAS, the Board previously authorized \$375,000 for the Willow Creek Outfall at Rampart Range Road project (Table 1); and

Table 1
Willow Creek Outfall at Rampart Range Road
Previous Authorizations

Resolution No.	Series of	District Authorization	Local Share	Work Elements
15	2014	\$375,000	\$375,000	Design, Right-of-Way, and Construction
TOTAL		\$375,000	\$375,000	

WHEREAS, Douglas County and the District now desire to construct improvements along Willow Creek Outfall at Rampart Range Road (Exhibit A); and

WHEREAS, the District's additional participation being authorized by this resolution is \$25,000 to be at least matched by Douglas County; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund - Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019, which includes funds for construction of drainage and flood control improvements along Willow Creek Outfall at Rampart Range Road; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for the improvements along Willow Creek Outfall at Rampart Range Road.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 15, Series of 2014, Paragraph 3, is amended as follows:
"The District's maximum contribution to the Willow Creek Outfall at Rampart Range Road project without prior approval of the Board shall be ~~\$375,000~~ **\$400,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Douglas County."
2. All other conditions and authorizations remain as stated in Resolution No. 15, Series of 2014.

(SEAL)

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 60, SERIES OF 2019
(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Willow Creek Outfall at Rampart Range Road, Douglas County)

EXHIBIT A

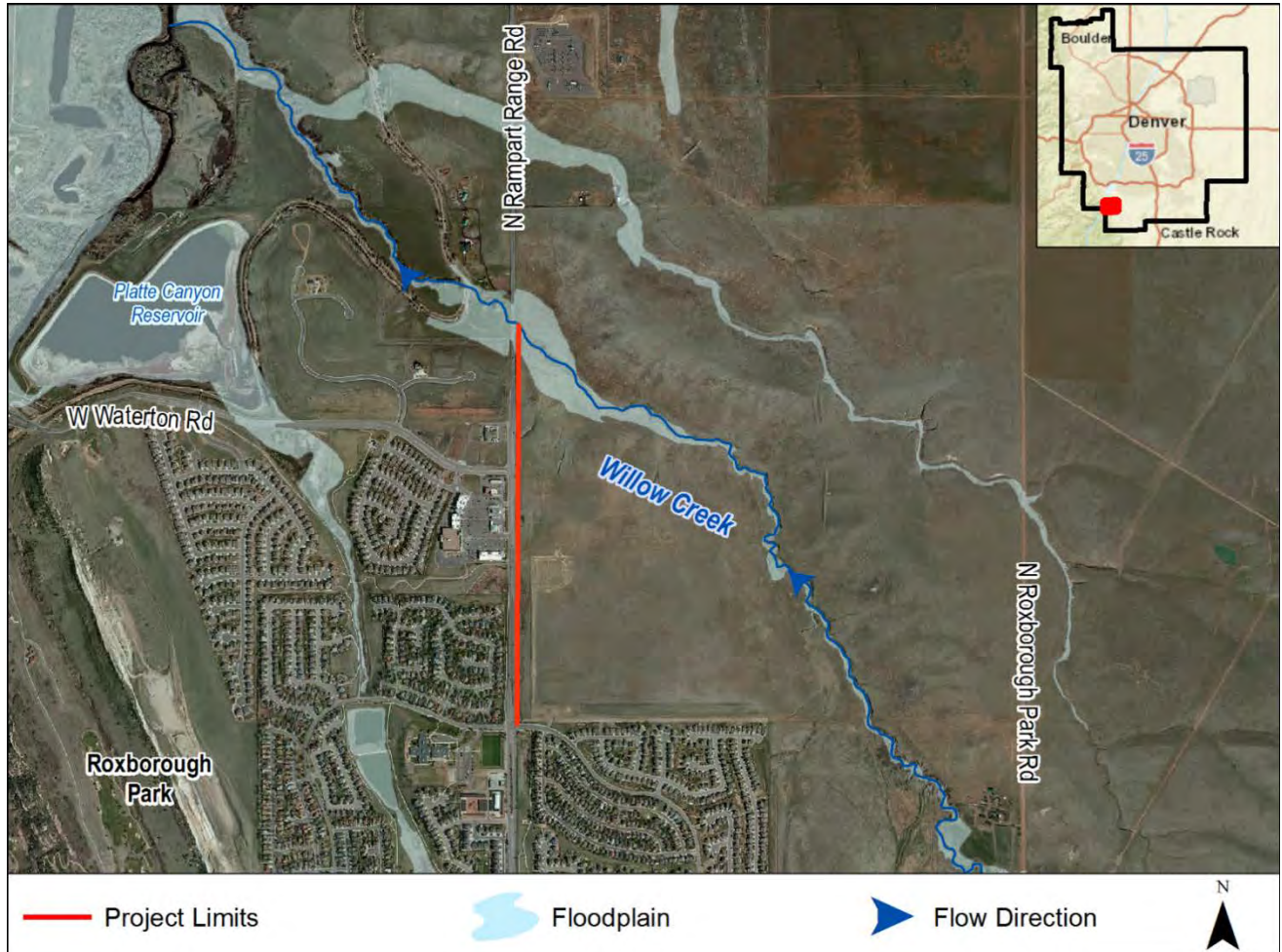


Table 1
Individual Project Additional Authorizations

A	B	C	D	E	F	G	H	I	J
Project Name	Original Resolution	Additional 2019 District Funding	Previous Maximum District Contribution	New Maximum District Contribution	Local Government Partners	Design % Complete	Construction % complete or year when start	Total Project Costs	Authorized
ADAMS COUNTY									
*Grange Hall Creek at Washington	No. 46 Series of 2008	\$200,000	\$1,545,000	\$1,745,000	Northglenn	75%	75%	\$6,800,000	06/19
*North Outfall	No. 4 Series of 2006	\$120,000	\$1,630,00	\$1,750,000	Brighton	50%	50%	\$10,500,000	02/19
*Dahlia Street Outfall	No. 50, Series of 2018	\$375,000	\$75,000	\$450,000	Adams	90%	2019	\$4,000,000	04/19
Hoffman Drainageway 88 th to Steele	No. 49, Series of 1997	\$300,000	\$350,000	\$650,000	Adams	85%	85%	\$9,000,000	02/19
22 nd Ave Outfall to Westerly Creek	No. 43, Series of 2018	\$200,000	\$300,000	\$500,000	Aurora			\$1,000,000	03/19
ARAPAHOE COUNTY									
*First Creek Detention	No. 58, Series of 2009	\$400,000	\$3,049,000	\$3,449,000	Aurora	10%	TBD	\$12,000,000	03/19
*Little's Creek	No. 37, Series of 2015	\$250,000	\$250,000	\$500,000	Littleton	30%	2020	\$1,000,000	03/19
Easterly Creek – 1 st & Kenton	No. 15, Series of 2015	\$1,025,000	\$575,000	\$1,600,000	Aurora	100%	10%	\$7,402,000	03/19
Greenwood Gulch at Quincy	No. 63, Series of 2017	\$100,000	\$100,000	\$200,000	Cherry Hills Village	100%	2019	\$400,000	08/19
*Big Dry Creek b/w County Line and East Orchard	No. 57, Series 2018	\$250,000	\$50,000	\$300,000	SEMSWA	0%	Tbd	\$2,000,000	04/19
BOULDER COUNTY									
*South Boulder Creek u/s HWY 36	No. 42, Series of 2018	\$200,000	\$120,000	\$320,000	City of Boulder	10%	2022	\$40,000,000	06/19
*Gregory Canyon Creek – Arapahoe to Pennsylvania	No. 41, Series of 2018	\$400,000	\$250,000	\$650,000	City of Boulder	0%	TBD	\$12,000,000	06/19

A	B	C	D	E	F	G	H	I	J
Project Name	Original Resolution	Additional 2019 District Funding	Previous Maximum District Contribution	New Maximum District Contribution	Local Government Partners	Design % Complete	Construction % complete or year when start	Total Project Costs	Authorized
Bullhead Gulch Drainage Underpass	No. 35, Series of 2016	\$400,000	\$100,000	\$500,000	Louisville	60%	2020	\$2,500,000	
Coal Creek – McCaslin to HWY 36	No. 58, Series of 2016	\$110,000	\$696,243	\$806,243	Superior	95%	25%	\$2,200,000	02/19
BROOMFIELD CITY & COUNTY									
*Nissen Reservoir Drainageway – Lowell to Tennyson	No. 45, Series of 2016	\$270,000	\$780,000	\$1,050,000	Broomfield	40%	2019	\$3,000,000	03/19
DENVER CITY & COUNTY									
*Cherry Creek Stabilization (Monaco to Illiff)	No. 31, Series of 2011	\$1,550,000	\$2,550,000	\$4,100,000	Denver	90%	2019	\$13,900,000	
Sanderson Gulch at the South Platte River	No. 12, Series of 2016	\$1,650,000	\$2,630,000	\$4,280,000	Denver	100%	50%	\$18,900,000	03/19
*Globeville OSP (49 th and Grant) Platte Farms	No. 18, Series of 2017	\$600,000	\$150,000	\$750,000	Denver	50%	2019	\$5,000,000	03/19
Marston Lake d/s Garrison Street	No. 68, Series of 2012	\$750,000	\$950,000	\$1,700,000	Denver	100%	2019	\$3,500,000	
DOUGLAS COUNTY									
*Timbers Creek d/s Fox Sparrow	No. 34, Series of 2017	\$125,000	\$50,000	\$175,000	Douglas	10%	2019	\$4,000,000 - \$5,000,000	02/19
*Happy Canyon Creek north of Lincoln	No. 54, Series of 2015	\$475,000	\$417,500	\$892,500	Douglas	5%	2020	\$3,000,000	06/19
Dad Clark Gulch, Wild Iris Run	No. 58, Series of 2017	\$500,000	\$322,500	\$822,500	Highlands Ranch	30%	2019	\$1,500,000	06/19
Cherry Creek at KOA	No. 33, Series of 2017	\$200,000	\$315,000	\$515,000	Parker	40%	2020	\$2,000,000	02/19
*West Big Dry Creek d/s Canongate Lane	No.70, Series of 2018	\$45,000	\$85,000	\$130,000	Highlands Ranch	100%	2019	\$260,000	
Willow Creek at Rampart Range Road	No. 15, Series of 2014	\$25,000	\$375,000	\$400,000	Douglas	30%	2020	\$975,000	08/19

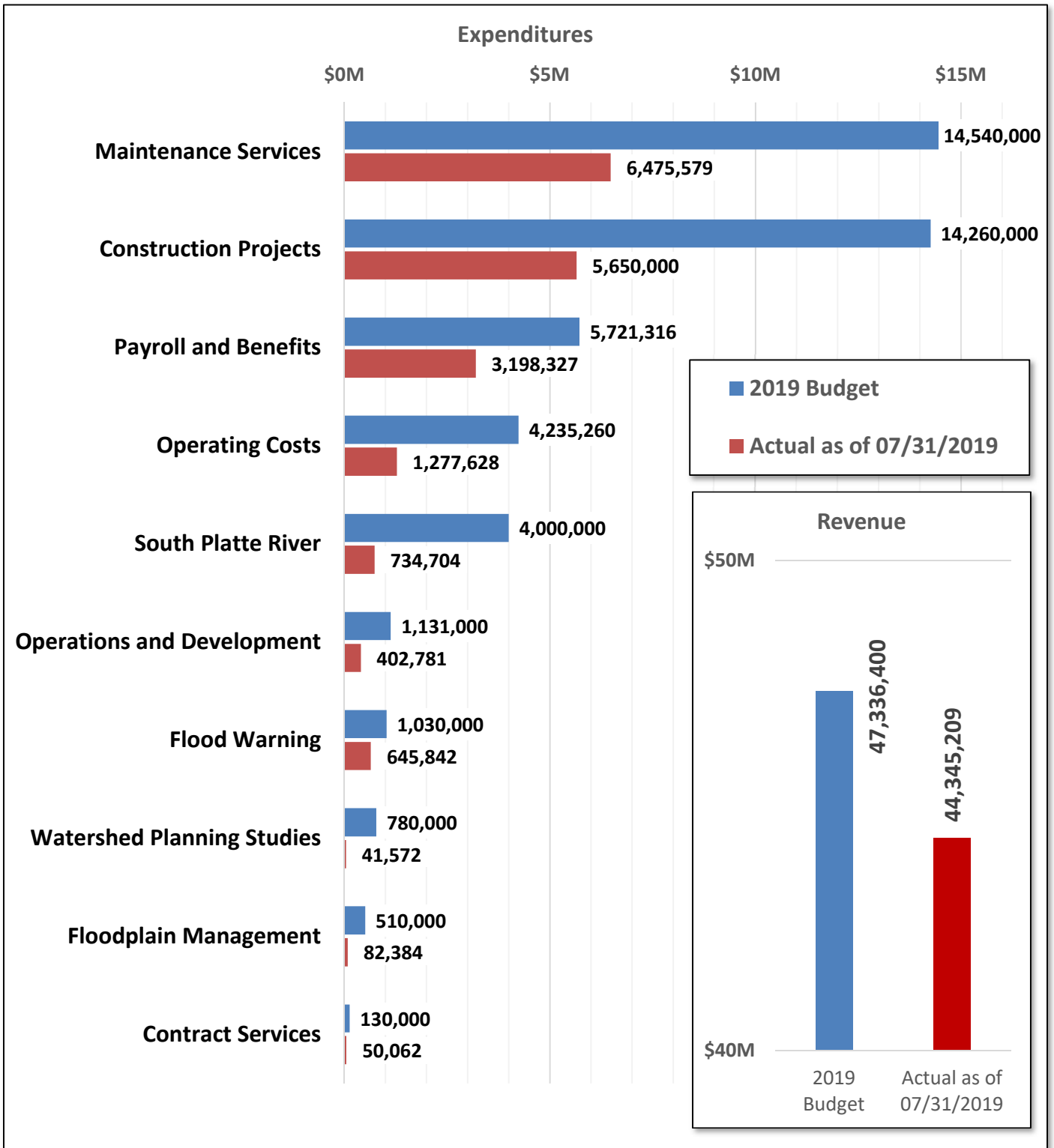
A	B	C	D	E	F	G	H	I	J
Project Name	Original Resolution	Additional 2019 District Funding	Previous Maximum District Contribution	New Maximum District Contribution	Local Government Partners	Design % Complete	Construction % complete or year when start	Total Project Costs	Authorized
JEFFERSON COUNTY									
*North Dry Gulch – Lamar to Teller	No. 65, Series of 2008	\$225,000	\$3,775,000	\$4,000,000	Lakewood	0%	TBD	\$11,000,000	
*Van Bibber Creek Crossing at McIntyre	No. 25, Series of 2016	\$300,000	\$1,248,000	\$1,548,000	Jefferson	100%	30%	\$3,500,000	03/19
South & Middle Hyland Creek u/s & d/s 104 th	No. 77, Series of 2016	\$350,000	\$963,000	\$1,313,000	Westminster	0%	2020	\$2,600,000	02/19
*Big Dry Creek – Sheridan to Standley Lake	No. 75, Series of 2016	\$600,000	\$300,000	\$900,000	Westminster	15%	2020	\$2,500,000	08/19
*Walnut Creek – US 36 to Wadsworth Pkwy	No. 53, Series of 2018	\$325,000	\$200,000	\$525,000	Westminster	0%	TBD	\$1,250,000	
Leyden Creek at Alkire Street	No. 43, Series of 2014	\$500,000	\$450,000	\$950,000	Arvada	90%	2019	\$1,900,000	

UDFCD BUDGET SUMMARY 8/7/2019

BUDGET ITEM:	2019 Budget	Actual as of 07/31/2019	Balance Remaining
Beginning Fund Balance:			
TABOR Emergency Reserve	1,000,000	1,000,000	
Floodplain Preservation Reserve	-	-	
Reserve for Future Operations	1,340,151	1,457,324	
Revenue:			
Property Taxes	43,818,140	42,396,302	
Specific Ownership Taxes	3,286,360	1,647,738	
Delinquent Property Tax Interest	-	7,749	
Investment Interest	175,900	193,276	
Project Participation Funds Returned	-	14,684	
Project Participation Interest Returned	-	6,294	
Miscellaneous Income	56,000	79,165	
Total Revenue	47,336,400	44,345,209	
Transfers from other Funds	-	-	
Total Funds Available	48,676,552	45,802,532	
Expenditures:			
Maintenance Services	14,540,000	6,475,579	7,944,432
Construction Projects	14,260,000	5,650,000	8,610,000
Payroll and Benefits	5,721,316	3,198,327	2,522,989
Operating Costs	4,235,260	1,277,628	2,957,632
South Platte River	4,000,000	734,704	3,265,296
Operations and Development	1,131,000	402,781	608,891
Flood Warning	1,030,000	645,842	384,158
Watershed Planning Studies	780,000	41,572	738,428
Floodplain Management	510,000	82,384	427,616
Contract Services	130,000	50,062	79,938
Total Expenditures	46,337,576	18,558,880	27,539,380
Revenue minus Expenditures	998,824	25,786,329	
Transfers to other Funds			
Change in Floodplain Preservation Reserve	500,000		
Floodplain Preservation Reserve Balance	500,000		
Change in TABOR Emergency Reserve	420,500		
TABOR Emergency Reserve Balance	1,420,500		
TABOR Emergency Reserve as % of Expenditures	3.00%		
Ending Fund Balance:			
Reserve for Future Operations	1,418,475		

UDFCD BUDGET SUMMARY 8/7/2019

Revenues and Expenditures as of 07/31/2019



URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

INVESTMENT SUMMARY

JULY 2019

	PURCHASE DATE	I.D. NO.	AMOUNT	INTEREST RATE	DAYS TO ACCRUE	ACCRUAL FOR 07/31/2019	DATE TO MATURE
<u>TREASURY BILLS</u>							
			----- \$0.00			- - - - - -	
TOTAL			=====				
<u>TREASURY & AGENCY NOTES</u>							
	07/27/16	WFS3136G3XQ3	\$3,000,000.00	1.070000	30 / 360	\$2,675.00	01/27/20
	07/13/16	WFS3136G3WK7	\$4,000,000.00	1.220000	30 / 360	\$4,066.67	03/30/20
	07/27/16	WFS3136G3XV2	\$3,000,000.00	1.100000	30 / 360	\$2,750.00	07/27/20
	07/28/16	WFS3136G3ZM0	\$3,000,000.00	1.200000	30 / 360	\$3,000.00	10/28/20
	07/26/16	USB3136G3L37	\$3,000,000.00	1.125000	30 / 360	\$2,812.50	10/28/19
	08/15/16	WFS3136G3N84	\$4,000,000.00	1.170000	30 / 360	\$3,900.00	08/15/19
	09/28/16	WFS3136G37D1	\$3,000,000.00	1.500000	30 / 360	\$3,750.00	01/06/00
	10/25/16	WFS3136G4DZ3	\$3,000,000.00	1.200000	30 / 360	\$3,000.00	10/25/19
	10/31/16	WFS3136G4GK3	\$3,000,000.00	1.350000	30 / 360	\$3,375.00	07/28/20
	06/01/17	WFS 3130AAX45	\$3,000,000.00	1.875000	30 / 360	\$4,687.50	01/28/21
	10/30/17	WFS313ACNG5	\$3,000,000.00	1.850000	30 / 360	\$4,625.00	04/30/21
	10/30/17	WFS3136G4QL0	\$3,500,000.00	2.060000	30 / 360	\$6,008.33	10/29/21
	08/29/18	WFS3130AEU65	\$4,000,000.00	2.625000	30 / 360	\$8,750.00	08/21/20
	08/31/18	WFS9128284Q0	\$4,000,000.00	2.500000	30 / 360	\$8,333.33	05/31/20
	12/14/18	WFS3133EJ2R9	\$3,500,000.00	2.750000	30 / 360	\$8,020.83	12/14/20
	02/28/19	WFS3130AFWB9	\$3,500,000.00	2.650000	30 / 360	\$7,729.17	08/26/21
	05/13/19	WFS3134GTKM4	\$3,000,000.00	2.650000	30 / 360	\$6,625.00	05/13/22
	07/08/19	WFS3133EKTT3	\$4,000,000.00	2.230000	22 / 360	\$5,451.11	07/08/24
	07/17/19	WFS3134GTB77	\$3,000,000.00	2.150000	13 / 360	\$2,329.17	04/17/23
TOTAL			----- \$63,500,000.00			- - - - - 91,888.61	
REDEEMED							
TOTAL			=====				
<u>CSAFE</u>							
	04/30/2019	Balance	\$3,690,148.34				
	07/31/2019	INTEREST ON ACCT	\$12,324.09			12,324.09	
		Contribution	\$10,000,000.00				
			----- \$13,702,472.43				
<u>COLOTRUST</u>							
	04/30/2019	Balance	\$16,987,785.40				
	07/31/2019	INTEREST ON ACCT	\$37,008.49			37,008.49	
		Contribution/WD	\$5,000,000.00				
			----- \$22,024,793.89				
<u>WELLS FARGO SECURITIES</u>							
	07/31/2019	CHECKING	\$48,513.61			1.24	
	07/31/2019	WFS MONEY MARKET	\$165,404.07			\$1,580.16	
<u>U S BANK</u>							
	07/31/2019	CHECKING	\$7,041,264.68			\$1,048.57	
TOTAL CASH & INVESTMENTS			=====			----- \$ 143,851.16	
				TOTAL JULY INTEREST INCOME		=====	
				YTD INTEREST INCOME		\$ 853,080.44	
						=====	

Date: Thursday, October 17, 2019

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. EWRI Vice President – Holly Piza
 - ii. CASFM Chair – Morgan Lynch
- 3. Roll Call – Determination of Quorum**
- 4. Committee Reports**
- 5. Approval of August 15, 2019 Meeting Minutes**

(If there are no corrections “Minutes stand approved”, or with corrections “Minutes stand approved as corrected”)
- 6. Public Hearings**
 - a. 2020 Budget
 - b. 2019 – 2023 Five-Year Capital Improvement Plan (CIP)
 - c. Floodplain Regulation Amendment
 - d. Adoption of Floodplain Map – Sloan’s Lake Drainageway and Tributaries
- 7. Executive Session**
 - a. Executive Committee Report of Director’s Annual Review
(Pursuant to 24-6-402(4)(f)(1) C.R.S)
- 8. Presentation Agenda**

(Each resolution will, after introduction and presentation from District staff, be placed on the Consent Agenda unless a request is made by a Board Member for action upon the resolution separately)

 - a. Certification of Tax Levy
(Resolution No. 61, Series of 2019)
 - b. Adoption of 2020 Budget
(Resolution No. 62, Series of 2019)
 - c. Appropriation of Funds for 2020
(Resolution No. 63, Series of 2019)
 - d. Adoption of 2020 Work Program and Authorization of Expenditures
(Resolution No. 64, Series of 2019)
 - e. Adoption of Five-Year Capital Improvement Plan (CIP) 2019 – 2023
(Resolution No. 65, Series of 2019)
 - f. Amendment to the District’s Floodplain Regulation
(Resolution No. 66, Series of 2019)
 - g. Policy Regarding Preservation of Floodways and Floodplains and the Purchase of Land for Future Improvements
(Resolution No. 67, Series of 2019)
 - h. Adoption of Floodplain Map for Sloan’s Lake Drainageway and Tributaries
(Resolution No. 68, Series of 2019)

- i. Authorization to Participate in a Planning Study of Henderson Creek and Tributaries (Resolution No. 69, Series of 2019)
- j. Authorization to Participate in Drainage and Flood Control Improvements on Clear Creek at Burlington Northern Santa Fe Railway (BNSF) Crossing Between Pecos Street and Federal Boulevard, Adams County (Resolution No. 70, Series of 2019)
- k. Authorization to Participate in Drainage and Flood Control Improvements on Little Willow Creek at Roxborough Road, Douglas County (Resolution No. 71, Series of 2019)
- l. Authorization to Participate in Drainage and Flood Control Improvements on Stroh Gulch Upstream of French Creek Avenue, Town of Parker, Douglas County (Resolution No. 72, Series of 2019)
- m. Authorization to Participate in Drainage and Flood Control Improvements on Second Creek from I-76 to 112th Avenue, Commerce City, Adams County (Resolution No. 73, Series of 2019)

9. 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 of a specific resolution for a presentation by District staff or discussion)

- a. Review of Cash Disbursements
- b. Additional Authorization to Participate in Drainage and Flood Control Improvements on Leyden Creek from Indiana Street to 72nd Avenue, City of Arvada, Jefferson County (Resolution No. 74, Series of 2019)
- c. Additional Authorization to Participate in Drainage and Flood Control Improvements on Bullhead Gulch at Burlington Northern Santa Fe (BNSF) Railroad Crossing, City of Louisville, Boulder County (Resolution No. 75, Series of 2019)
- d. 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. 76, Series of 2019)
- e. Additional Authorization to Participate in Drainage and Flood Control Improvements on Timbers Creek Downstream of Fox Sparrow Road, Douglas County (Resolution No. 77, Series of 2019)
- f. Additional Authorization to Participate in Drainage and Flood Control Improvements on the Dahlia Street Outfall to the South Platte River, Adams County (Resolution No. 78, Series of 2019)

10. Vote on Approval of the Consent Agenda

(Motion and roll call vote required)

11. Other Business

- a. Call for Volunteers: Nominating Committee for 2020 Officers
- b. Call for Volunteers: 2020 Legislative Committee

12. Reports/Discussions

- a. Executive Director's Report

13. Announcements

- a. Next Regularly Scheduled Meeting: **Thursday, November 21, 2019**

14. Adjournment



MILE HIGH FLOOD DISTRICT

BOARD OF DIRECTORS MEETING

**Meeting Minutes
August 15, 2019**

Board Members Present:

Randy Ahrens	Mayor, City/County of Broomfield
Herb Atchison	Mayor, City of Westminster
Debbie Brinkman	Mayor, City of Littleton
Jolon Clark	Council Member, City/County of Denver
Stacie Gilmore	Council Member, City/County of Denver
Mark Hunter	Engineer
Matt Jones	Commissioner, Boulder County
Paul Kashmann	Council Member, City/County of Denver
Adam Paul	Mayor, City of Lakewood
Stephanie Piko	Mayor, City of Centennial
Murphy Robinson	Deputy Mayor, City/County of Denver
Bob Roth	Mayor Pro Tem, City of Aurora
Dave Sellards	Engineer
Nancy Sharpe	Commissioner, Arapahoe County
Bud Starker	Mayor, City of Wheat Ridge
Chaz Tedesco	Commissioner, Adams County
Lora Thomas	Commissioner, Douglas County
Heidi Williams	Mayor, City of Thornton

Board Members Absent:

John Marriott	Mayor Pro Tem, City of Arvada
Libby Szabo	Commissioner, Jefferson County
Sam Weaver	Mayor Pro Tem, City of Boulder

UDFCD Staff Present:

Ken MacKenzie	Executive Director
Julia Bailey	Information Services Specialist
Kurt Bauer	Project Manager, Stream Services
Dave Bennetts	Program Manager, Operations & Development
Stephanie Caulk	Student Intern, Stream Services
Barbara Chongtouna	Project Manager, Stream Services
Amelia Deleon	Human Resources Manager
Terri Fead	Floodplain Manager, Watershed Services
Dan Hill	Engineering Technologist, Watershed Services
Laura Kroeger	Program Manager, Stream Services
Kelsey Mehan	Office Coordinator
Teresa Patterson	Project Manager, Watershed Services
Holly Piza	Standards Development Manager, Operations & Development
Wanda Salazar	Accountant, Finance & Accounting
Terri Schafer	Finance & Accounting Manager
Derrick Schauer	Network Administrator, Flood Warning & Information Services
Mark Schutte	Engineering Technologist, Stream Services
Brooke Seymour	Project Manager, Watershed Services
Jason Stawski	Engineering Technologist, Operations & Development
Kevin Stewart	Program Manager, Flood Warning & Information Services
Jon Villines	Project Engineer, Watershed Services
Jim Watt	Project Manager, Watershed Services
Brik Zivkovich	Engineering Technologist, Watershed Services

Others Present:

Ed Krisor	Legal Counsel
Antonio Esquibel	City of Northglenn
David Rausch	Adams County
Tim S. Wellman	Souder, Miller & Associates

How the District Works - Flood Warning Services

Mr. Kevin Stewart gave a presentation on the District's Flood Warning Services.

1. Call to Order and Pledge of Allegiance - 1:00 pm

Councilwoman Stacie Gilmore called the meeting to order at 1:00 pm.

2. Introductions

a. Swearing in of New Board Members

Mr. Ken MacKenzie introduced a new board member in attendance:

- Council President Jolon Clark, City and County of Denver

Council President Clark is replacing former Board Member, Paul Lopez, who now serves as Denver's Clerk and Recorder. The new board member was sworn in by Mr. Ed Krisor. Mr. MacKenzie welcomed him to the District.

b. Visitors/Guests/Staff

Mr. MacKenzie introduced the following guests:

- Antonio Esquibel Mayor, City of Northglenn
- David Rausch Adams County
- Tim S. Wellman Souder, Miller & Associates

Mr. MacKenzie also introduced one new employee:

- Brik Zivkovich, Engineering Technologist, Watershed Services Program

a. Awards/Recognitions

i. Mr. Ken MacKenzie

On behalf of the District Staff, Mr. MacKenzie was honored with a plaque recognizing and appreciating his efforts over the past year, not only for his tireless efforts on the 7G campaign, but for all the innovative changes that he's implemented and supported to help pave the way for a stronger, healthier District.

3. Roll Call – Determination of Quorum

Roll was called and a quorum was declared present.

4. Approval of June 27, 2019 Meeting Minutes

(If there are no corrections "Minutes stand approved", or with corrections "Minutes stand approved as corrected")

Councilwoman Gilmore asked if there were any corrections to the June 27, 2019 minutes. Hearing none, the minutes were approved as submitted.

5. Presentation Agenda

(Each resolution will, after introduction and presentation from District staff, be placed on the Consent Agenda unless a request is made by a Board Member for action upon the resolution separately.)

a. Authorization to Participate in Drainage and Flood Control Improvements on Baseline Road at Dry Creek Ditch No. 3, Boulder County (Resolution No. 57, Series of 2019)

This is a joint project with Boulder County. Boulder County desires to design, acquire right-of-way, and construct improvements along Dry Creek Ditch No. 3 in accordance with the "Flood Hazard Area Delineation Boulder Creek and Dry Creek," dated June 1975. The project includes improvements to remove and replace the existing bridge which was constructed in 1950. The bridge has reached the end of its service life and is in need of replacement to ensure that it continues to meet transportation, regional drainage, and public safety needs. The project will also consider underpass improvements to compliment the adjacent Dry Creek Trailhead, owned by the City of Boulder. Easement and right-of-way acquisition will be included in the project costs.

Boulder County is administering the design with Otak, Inc. Engineering Company. The District and Boulder County have identified \$380,000 in initial project costs for the design, right-of-way acquisition, and partial funding of construction, with the District's participation being \$190,000 in 2019 funds. It is anticipated that additional funds may be required for this project in the future.

Resolution No. 57 authorizes \$190,000 of District funds from the Special Revenue Fund – Construction to be at least matched by Boulder 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.

6. Consent Agenda

Mr. MacKenzie announced that the agenda items under the Consent Agenda would not include presentations, and asked the Board if they had any questions regarding any of the resolutions included on the Consent Agenda. There being no further comments or questions, it was the consensus of the Board to place Resolutions No. 58, 59, and 60, and the Review of Cash Disbursements dated June, July, and August 2019 on the Consent Agenda.

a. Review of Cash Disbursements

The Cash Disbursement list, dated June, July, and August 2019 has been distributed to the Board for review. There being no further comments or questions, it was the consensus of the Board to include approval of the Cash Disbursements on the Consent Agenda.

b. Additional Authorization to Participate in Drainage and Flood Control Improvements on Big Dry Creek [ADCO], Upstream of Sheridan Boulevard, City of Westminster, Jefferson County (Resolution No. 58, Series of 2019)

c. Additional Authorization to Participate in Drainage and Flood Control Improvements on Greenwood Gulch at Quincy Avenue, City of Cherry Hills Village, Arapahoe County (Resolution No. 59, Series of 2019)

d. Additional Authorization to Participate in Drainage and Flood Control Improvements on Willow Creek Outfall at Rampart Range Road, Douglas County (Resolution No. 60, Series of 2019)

7. Vote on Approval of the Consent Agenda

It was the consensus of the Board that Resolutions No. 57, 58, 59, and 60, Series of 2019, and Review of Cash Disbursements dated June, July, and August 2019 be placed on the Consent Agenda. Councilwoman Gilmore moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

8. Reports/Discussions

a. Executive Director's Report

Monthly Budget Update

Mr. MacKenzie provided a budget update, which included expenditures to date as of July 31, 2019. An investment summary was also provided to the board. Year to date, the District has earned \$853k in interest on investments.

MHFD Property Tax Revenue projections for 2020 are estimated at \$65 million (an increase of \$21 million from 2019).

Mile High Flood District: 50th Anniversary Celebration

The District held its 50th Anniversary party on July 18th at Confluence Park. The party was well attended by members of the floodplain community, including local government partners, board members, and consultants. The District unveiled the new name and logo during this event, which was well received.

2019 Board Meeting Schedule

The board will not be meeting in September or December of 2019. For 2020, the board schedule will include the following:

- Annual Meeting: Thursday, January 16th
- No meetings during the months of: March, June, July, or December

In summary, there will be eight board meetings per year. District staff will also evaluate how we manage the additional authorizations in an effort to maximize these meeting times.

Next Meeting – October 17, 2019

The next board meeting will take place on October 17th with agenda items to include:

- Certification of 2020 Tax Levy
- Adoption of 2020 Budget
- Appropriation of Funds for 2020
- Adoption of the 2020 Work Program and Authorization of Expenditures
- Adoption of our Five-Year CIP (2019-2023)
- Amendments to our Floodplain Regulation and Floodplain Preservation Policy
- Executive Director's Contract Renewal (Executive Session)

Mr. MacKenzie will be meeting with the Audit & Finance Committee on Monday, October 7th to review the draft 2020 Budget.

MHFD Floodplain Preservation Policy

The District's policy and funding mechanism for the preservation of floodways and floodplains as well as the purchase of land for future improvements has been a topic of discussion for the past few board meetings. In summary, Mr. MacKenzie recommends the Board:

- Repeal the following two resolutions and their amendments:
 - Floodplain Preservation Policy, Resolution No. 70, Series of 1989 (amended in 1990 and 1994)
 - Establishment of Preservation Fund, Resolution No. 63, Series of 1991 (amended in 2001 and 2008)
- Replace the above with one concise resolution that covers both the policy and funding mechanism to be brought before the board at the next meeting. This resolution would include an increase to the funding level to approximately \$2 million (3% of the District's annual revenue), as supported by the MHFD regional housing cost index.
- Match expenditures to each county's pro rata revenue share over the history of the program.

The Board requested that Mr. MacKenzie provide a written brief on the issues and recommended solutions to the Board ahead of the October meeting. Mr. MacKenzie will provide the board with a briefing as well as a draft resolution for review and comment.

U.S. Corps of Engineers

The Corps finalized their general investigation study of Adams and Denver Counties. On July 29, 2019, the Corps signed the recommended plan to implement flood risk management solutions along Weir Gulch and Harvard Gulch in Adams and Denver County. This plan would help restore aquatic, wetland, and riparian habitat along the South Platte River.

MHFD Floodplain Regulation

A copy of the draft Floodplain Regulation was provided to the Board in hard copy and electronic format. The regulation was updated to include a prohibition of tents and makeshift structures from within the District's floodplains, unless expressly permitted by the local government having jurisdiction. Other minor changes include updates to language for consistency with FEMA guidance and current terminology. Mr. MacKenzie asked the Board to review the regulation with their respective agencies.

Mr. MacKenzie would appreciate comments by Friday, September 13. This will provide enough time to address comments and have a final Floodplain Regulation ready for the October Board meeting.

b. Project Showcase

Mrs. Laura Kroeger, Manager of Stream Services, conducted a presentation on River Run Park located in the City of Sheridan. River Run Park is a unique regional park that celebrates the river, combining safety elements with recreational amenities. Highlights include:

- 100-year Flood Protection
- Increased regional trail connectivity and capacity along Mary Carter Greenway
- Optimized river aquatics and riparian health
- New recreation features on land and in river
- Better accessibility and comfort facilities (increasing access)

9. Announcements

a. Next Board Meeting: Thursday, October 17, 2019 (No meeting in September)

The next regularly scheduled Board meeting will take place on Thursday, October 17, 2019.

10. Adjournment

Councilwoman Gilmore adjourned the meeting at 1:55 p.m.

CHECKS OVER \$50,000
August, September, October 2019

Check #	Vendor	Check Date	Amount	Description
12213	ARBORFORCE LLC	9/5/2019	\$145,465.75	Cherry Creek Watershed, Jefferson County, Denver County and South Platte River General Stream Maintenance
12266	ARBORFORCE LLC	10/4/2019	\$151,969.57	33rd Street Outfall; Jefferson County, Boulder County, Denver County, South Platte River, and Sand Creek Watershed General Maintenance
12214	ARROWHEAD LANDSCAPING, INC.	9/5/2019	\$128,404.99	88th Avenue Open Space; Upper West Coon Creek; Jackass Gulch @ Long Avenue; Robinson Gulch Stream Stabilization; South Watershed, Douglas County, Southwest Watershed, Adams County, and West Watershed General Maintenance
12267	ARROWHEAD LANDSCAPING, INC.	10/4/2019	\$67,681.38	Jackass Gulch @ Long Avenue; 88th Avenue Open Space; Upper West Cook Creek; Massey Dray @ Deer Creek; Robinson Gulch Stream Stabilization; Westerly Creek Dam; South Watershed and Southwest Watershed - General Maintenance
14439	CH2M HILL ENGINEERS, INC.	9/5/2019	\$76,327.97	Piney Creek @ Caley; Newlin Gulch Downstream of Heirloom Pkwy; City Park Drainageway; Niver Creek Tributary M; First Creek Stream and Trail Improvements; Gregory Canyon Creek; Marston Lake North Drainageway
14517	CH2M HILL ENGINEERS, INC.	10/4/2019	\$85,306.67	Piney Creek @ Caley; Niver Creek Tributary M; First Creek Stream and Trail Improvements; Gregory Canyon Creek; Management Tools and Dashboard; Project Prioritization; Marston Lake North
14479	CITY OF CHERRY HILLS VILLAGE	9/20/2019	\$100,000.00	Greenwood Gulch @ Quincy Avenue
14519	CONCRETE EXPRESS, INC.	10/4/2019	\$519,327.00	Cherry Creek Corridor Improvements
14405	ECI SITE CONSTRUCTION MANAGEMENT	8/20/2019	\$348,868.36	Marston Lake North Drainageway
14488	ECI SITE CONSTRUCTION MANAGEMENT	9/20/2019	\$328,810.55	Marston Lake North Drainageway
12202	EDGE CONTRACTING, INC.	8/20/2019	\$111,828.55	Coon Creek @ North Coon Creek; McIntyre Gulch @ Holland Street
12257	EDGE CONTRACTING, INC.	9/20/2019	\$269,391.50	McIntyre Gulch @ Holland Street

Check #	Vendor	Check Date	Amount	Description
14448	HABITAT MANAGEMENT, INC.	9/5/2019	\$219,117.25	First Creek Park; Jefferson County Pilot Project; Sanderson Gulch; Westerly Creek; Sand Creek Watershed, Northeast Watershed, and Douglas County General Stream Maintenance
14532	HABITAT MANAGEMENT, INC.	10/4/2019	\$217,472.87	33rd Street Outfall; Nissen Reservoir Drainageway; Havana Pond; Jefferson County Pilot Project; Sanderson Gulch; Westerly Creek; Douglas County, Denver County, Northeast Watershed and Sand Creek Watershed - General Maintenance
14410	ICON ENGINEERING, INC.	8/20/2019	\$254,470.11	LOMC Consulting; McIntyre Gulch @ Holland Street; Coon Creek @ Noth Branch; Dry Gulch; Sanderson Gulch; Coal Creek Cheesman to Kenosha; First Creek @ 26th Avenue; Niver Creek @ Zuni; Brighton North Outfall, Phase 3; Willow Creek @ Sterling Ranch; Dutch Creek @ Coal Mine Road; Cherry Creek; Beer Sisters Lake; Four Mile Canyon Creek @ Palo Park; Sand Creek Downstream of Colfax FHAD; Nissen Reservoir Drainageway
14493	ICON ENGINEERING, INC.	9/20/2019	\$326,586.60	Clear Creek FHAD; Willow Creek @ Sterling Ranch; McIntyre Gulch @ Holland Street; Nissen Reservoir Drainageway; Coon Creek @ North Branch; Brighton North Outfall Phase 3; Dutch Creek @ Coal Mine Road; Dry Gulch; Coal Creek Cheesman to Kenosha; First Creek @ 26th Avenue; Sanderson Gulch; Niver Creek @ Zuni; Four Mile Canyon Creek @ Palo Park; Beer Sisters Lake; LOMC Consulting; Dahlia Street Outfall
14536	LEFT HAND EXCAVATING LLC	10/4/2019	\$100,743.00	West Watershed Jefferson County General Maintenance
12258	MERRICK & COMPANY, INC.	9/20/2019	\$97,798.94	First Creek Tributaries; First Creek Detention Upstream of I-70; Clear Creek @ BNSF Crossing; River Improvement Implementation Plan
12204	MERRICK & COMPANY, INC.	8/20/2019	\$68,803.72	Clear Creek & BNSF Crossing; River Improvement Implementation Plan; First Creek Tributaries; First Creek Detention Upstream of I-70
14454	MULLER ENGINEERING COMPANY, INC.	9/5/2019	\$223,431.90	Dad Clark Gulch; Upper McKay Watershed OSP; Topsoil Sampling, Evaluation and Guidance; Big Dry Creek @ Bellview Park; West Coon Creek; West Fork Second Creek; Platte Farm Detention; Timbers Creek; Cherry Creek @ KOA Property; Newlin Gulch; Cherry Creek Reach @ Arapahoe Road; Cherry Creek Reach 5 LOMR; Cherry Creek Restoration; Watershed Framework; Colorado Stream Quantification; Lemon Gulch; Harvard Gulch; 33rd Street Outfall; City Park Drainageway

Check #	Vendor	Check Date	Amount	Description
14539	MULLER ENGINEERING COMPANY, INC.	10/4/2019	\$254,381.72	Topsoil Sampling, Evaluation and Guidance; Big Dry Creek @ Bellview Park; Lemon Gulch; Upper McKay Lake Watershed OSP; Design Services Platte Farm Detention; Sanderson Gulch, West Fork Second Creek; Timbers Creek; West Coon Creek, West Cook Creek; Newlin Gulch; Lemon Gulch Downstream of Crowfoot Valley Road; Cherry Creek @ KOA Property; Dad Clark Gulch; Harvard Gulch; Colorado Stream Quantification Tool; City Park Drainageway; Nissen Reservoir Drainage; Cherry Creek Restoration; Bear Canyon Creek
12206	NARANJO CIVIL CONSTRUCTORS, INC.	8/20/2019	\$409,674.83	Denver trail repairs; First Creek Park; Little's Creek @ Gallup Street; Willow Creek; Dry Gulch @ Lamar; First Creek Tower to Dunkirk; Robinson Gulch Stream Stabilization; First Creek Restoration; Denver General Maintenance
14434	NARANJO CIVIL CONSTRUCTORS, INC.	8/20/2019	\$85,487.34	Robinson Gulch Stream Stabilization
12259	NARANJO CIVIL CONSTRUCTORS, INC.	9/20/2019	\$1,006,171.27	Havana Tributary @ 51st Avenue; Newlin Gulch and Tributaries; Green Acres Tributary; Willow Creek; Nautilus Installation; First Creek Park; First Creek; First Creek Tower to Dunkirk; Sterling Gulch Phase 2; Dry Gulch @ Lamar; Boulder County General Maintenance
14471	NARANJO CIVIL CONSTRUCTORS, INC.	9/20/2019	\$87,089.54	Release Retainage - Coal Creek From McCaslin to Highway 36
14472	NARANJO CIVIL CONSTRUCTORS, INC.	9/20/2019	\$118,043.04	Final Payment - Coal Creek From McCaslin to Highway 36
14542	OLSSON, INC.	10/4/2019	\$100,046.32	South Middle Branch Hyland Creek; Tanglewood Creek @ I-25; Little Dry Creek FHAD; Van Bibber Creek MDP & FHAD; Lee Gulch; Leyden Creek @ Alkire; Willow Creek Outfall; Marston Lake North; McIntyre Gulch @ 9035 W 2nd Avenue; Dry Gulch @ Lamar; Weaver Creek Near Swarthmore Avenue; Weir Gulch @ Union to Quail
14457	OLSSON, INC.	9/5/2019	\$78,090.70	Dry Gulch @ Lamar; Massey Draw; Marston Lake North; Baldwin Gulch; Boulder Creek @ Bailey Ponds; Leyden Creek @ Alkire; South Middle Branch Hyland Creek; Tanglewood Creek @ I-25; Lakewood Gulch @ Fenton Street; Weaver Creek near Swarthmore Avenue

Check #	Vendor	Check Date	Amount	Description
14543	RESPEC CONSULTING & SERVICES	10/4/2019	\$77,932.40	South Platte River @ 143rd; Green Acres Tributary; Little's Creek @ Gallup; High Line Canal Hydrology Model; Physical Map Revision Review; Irondale Gulch Implementation Plan; Cherry Creek Upstream of Monaco Park
14425	STANTEC CONSULTING INC. (SCI)	8/20/2019	\$52,566.50	Hoffman Drainageway; Robinson Gulch Downstream of Glasgow Drive
14426	TERRACARE ASSOCIATES, INC.	8/20/2019	\$75,755.53	Adams County and Jefferson County Routine Maintenance
14466	VALLES CONSTRUCTION LLC	9/5/2019	\$219,008.30	Boulder County, Jefferson County, Arapahoe County, Douglas County, North Watershed, Southwest Watershed, and Northeast Watershed - General Stream Maintenance
14550	VALLES CONSTRUCTION LLC	10/4/2019	\$157,882.56	Greenwood Gulch; Boulder, Douglas, Arapahoe Counties - General Maintenance; South Watershed and Southwest Watershed General Maintenance



Vendor Name	Vendor Number	Total Payments
5 SMOOTH STONES RESTORATION, PLLC	10001	2,000.00
AARON W. GOSE	3073	740.72
ABC IMAGING INC.	2191	89.90
ALOTERRA RESTORATION SERVICES, LLC	1038	4,483.75
AMBIUS (20)	1896	184.08
AMELIA J. DELEON	2335	145.00
ARBORFORCE LLC	2115	145,465.75
ARROWHEAD LANDSCAPING, INC.	1932	128,404.99
ATHENA GOMEZ	3075	373.47
BARBARA V. CHONGTOUA	1089	264.28
BOHANNAN HUSTON	10030	3,515.62
BRIK ZIVKOVICH	2442	33.86
BROOKE SEYMOUR	3048	1,763.85
BRYAN W. KOHLENBERG	1162	157.38
CENTURYLINK	602	146.44
CH2M HILL ENGINEERS, INC.	540	76,327.97
CMS ENVIRONMENTAL SOLUTIONS	10010	8,371.25
COLORADO DEPARTMENT OF REVENUE	205	10,807.30
COLORADO EMPLOYER BENEFITS TRUST	1440	40,483.96
COMCAST	3086	356.52
CONSOLIDATED DIVISIONS, INC.	1828	15,831.24
CORVUS ENVIRONMENTAL CONSULTING LLC	2413	7,059.26
CVL CONSULTANTS OF COLORADO, INC	1060	4,183.22
DANIEL HILL	3088	425.64
DARREN T. BRADSHAW	2012	577.98
DAVID B. BENNETTS	193	476.57
DAVID J. SKUODAS	2238	92.88
DELTA DENTAL OF COLORADO	13	3,964.88
DERRICK O. SCHAUER	1701	2,642.98
DEWBERRY ENGINEERS INC.	2494	13,805.39
DHM DESIGN CORPORATION	440	5,981.40
DIAMOND HILL OPERATING, LLC	1057	32,840.77
DIGITAL DATA SERVICES, INC.	2526	250.00
DODGE DATA & ANALYTICS	3000	214.00
ECI SITE CONSTRUCTION MANAGEMENT INC.	2002	348,868.36
ECOLOGICAL RESOURCE CONSULTANTS, INC.	2274	8,918.80
EDGE CONTRACTING, INC.	1716	111,828.55
EMPLOYERS COUNCIL SERVICES INC	1792	230.00
ENGINUIITY ENGINEERING SOLUTIONS LLC.	2181	9,805.16
ENVISION IT PARTNERS	2235	675.00
ERIC THOMAS	3106	106.31
ERO RESOURCES CORP.	1385	20,462.47
ETAI'S FOOD	2470	439.22
FARMERS RESERVOIR & IRRIGATION COMPANY	1026	10,000.00
GEI CONSULTANTS, INC.	537	5,896.19
GREAT ECOLOGY	10070	741.00
GREAT-WEST LIFE & ANNUITY	1920	116,070.46
HABITAT MANAGEMENT, INC.	2444	219,117.25
HOLLY K. PIZA	2176	1,764.90
ICON ENGINEERING, INC.	1338	254,470.11
INSIGHT PUBLIC SECTOR, INC.	1325	1,527.26
INTEGRATED MEDIA SOURCE, INC.	1616	1,238.50
IRON MOUNTAIN RECORDS, INC.	1551	31.00
J3 ENGINEERING CONSULTANTS INC	2123	8,892.50
JACOB KRIDER	3099	43.47

Vendor Publication Report**Payment Date Range: 08/11/2019 - 09/15/2019**

Vendor Name	Vendor Number	Total Payments
JAMES A. WATT, III	3069	117.45
JASON S. STAWSKI	2320	63.27
JEFFREY E FISHER	1439	571.68
JOE L. WILLIAMS, JR.	2019	746.82
JONATHAN A. VILLINES	3093	422.29
JULIA A. BAILEY	1938	45.00
KELCIE SCOTT	3095	1,500.00
KEN A. MACKENZIE	1244	1,296.11
KEVIN G. STEWART	183	123.75
KURT K. BAUER	3090	586.09
LAURA A. KROEGER	1867	195.22
LEONARD RICE ENGINEERS, INC.	315	5,500.00
LIFESECURE INSURANCE COMPANY	3033	1,584.04
LOEWEN ENGINEERING, INC	10079	13,090.00
MAILFINANCE	2480	665.25
MANAGER OF FINANCE C/O CITY & COUNTY OF DENVER	206	253.00
MARK P. SCHUTTE	3089	782.58
MASSIVE NETWORKS	2183	2,019.98
MATRIX DESIGN GROUP, INC.	1825	37,501.38
MCLAUGHLIN WHITEWATER DESIGN GROUP	3013	5,583.00
MERCHANTS OFFICE FURNITURE	3001	35,274.51
MERRICK & COMPANY INC	72	68,803.72
METRO WASTEWATER RECLAMATION DISTRICT	635	16,407.95
MICHAEL ALEX MCPHERSON	3071	576.92
MICHAEL BAKER INTERNATIONAL	2266	45,439.60
MICHAEL G. SARMENTO	189	387.45
MICHAEL S. SIMONSON	3077	114.50
MORGAN E. LYNCH	3047	381.07
MULLER ENGINEERING COMPANY, INC.	77	223,431.90
NARANJO CIVIL CONSTRUCTORS, INC	1670	533,358.10
OFFICE TEAM	2447	1,103.24
OLSSON, INC	1503	78,090.70
ONERAIN INCORPORATED	1778	22,241.02
ORBITIST LLC	10062	500.00
OTAK, INC.	3007	21,731.86
POUR LA FRANCE CATERING INC.	935	496.28
QUINTEN SCHAFFNER	3102	627.95
R2R ENGINEERS, INC.	3098	2,386.86
RAYMOND E. PRIBBLE	3070	433.71
REED ART & IMAGING	2410	5,441.12
RESPEC CONSULTING & SERVICES	2321	45,316.37
RICOR SERVICES, LLC	2328	25,000.00
RJH CONSULTANTS, INC.	2212	1,182.48
ROCKY MOUNTAIN BOTTLED WATER	1209	654.87
SCOTT DIRSCHL	3068	690.62
SHEA B. THOMAS	2102	1,775.08
SKYVIEW WEATHER/ TIMOTHY TONGE & ASSOC., INC.	1573	16,666.66
SOLINST CANADA LTD.	1924	3,146.07
SOURCE OFFICE & TECHNOLOGY	998	586.36
SP PLUS CORPORATION	10067	300.00
SPECIAL DISTRICT ASSOCIATION OF COLORADO	1436	315.00
STANDARD INSURANCE CO	1231	1,557.09
STANTEC CONSULTING INC. (SCI)	1822	52,566.50
STEPHANIE CAULK	3101	432.65
STEPHEN M. MATERKOWSKI	1554	1,139.52
STORMWIND LLC	10039	1,590.00
TERESA PATTERSON	2446	549.55
TERRI L. FEAD	1729	75.87
TERRI SCHAFFER	2457	45.00
THE TELEPHONE MAN A DIVISION OF TTM, INC.	1705	335.08
U.S. BANK CORP.-CTS PAYMENT SYSTEM	2190	4,440.69

Vendor Publication Report**Payment Date Range: 08/11/2019 - 09/15/2019**

Vendor Name	Vendor Number	Total Payments
U.S. BANK HEALTH SAVINGS SOLUTIONS	2236	2,699.34
U.S. TREASURY	2455	44,475.16
UNITED POWER	2179	24.59
VALLES CONSTRUCTION LLC	2304	219,008.30
VERIZON WIRELESS	722	417.70
VIEUX & ASSOCIATES, INC.	2275	16,300.00
WATER & EARTH TECHNOLOGIES, INC.	1807	14,065.00
WILSON & COMPANY, INC. ENGINEERS & ARCHITECTS	2376	7,900.00
WOOD ENVIRONMENT & INFRASTRUCTURE SOLUTIONS INC.	1904	508.00
WRIGHT WATER ENGINEERS INC.	99	23,147.80
XCEL ENERGY	170	16.04
Grand Total:	3,250,391.57	



Vendor Name	Vendor Number	Total Payments
5 SMOOTH STONES RESTORATION, PLLC	10001	14,580.18
5280 DIGITAL	10071	255.00
AARON W. GOSE	3073	535.97
ABC IMAGING INC.	2191	74.48
ALOTERRA RESTORATION SERVICES, LLC	1038	1,091.25
AMBIUS (20)	1896	368.16
AMELIA J. DELEON	2335	136.00
AOR, INC	10078	22,250.00
ARBORFORCE LLC	2115	151,969.57
ARK ECOLOGICAL SERVICES, LLC	2124	8,147.10
ARROWHEAD LANDSCAPING, INC.	1932	67,681.38
ATHENA GOMEZ	3075	200.18
BARBARA V. CHONGTOUA	1089	117.70
BRIK ZIVKOVICH	2442	90.56
BROOKE SEYMOUR	3048	237.91
BRYAN W. KOHLENBERG	1162	113.67
CALIBRE ENGINEERING, INC.	10063	3,486.00
CENTURYLINK	602	146.44
CGFOA ANNUAL CONFERENCE	475	425.00
CH2M HILL ENGINEERS, INC.	540	85,306.67
CITY OF CHERRY HILLS VILLAGE	480	100,000.00
CNDC dba METRO DENVER NATURE ALLIANCE	1648	1,000.00
COLORADO ANALYTICAL LABORATORIES, INC.	2000	26.00
COLORADO DEPARTMENT OF REVENUE	205	10,001.77
COLORADO DEPT OF PUBLIC HEALTH AND ENVIRONMENT	523	1,215.00
COLORADO EMPLOYER BENEFITS TRUST	1440	39,076.38
CONCRETE EXPRESS, INC.	1010	519,327.00
CORVUS ENVIRONMENTAL CONSULTING LLC	2413	13,737.28
CVL CONSULTANTS OF COLORADO, INC	1060	3,550.00
DANIEL HILL	3088	853.44
DARREN T. BRADSHAW	2012	607.59
DAVID B. BENNETTS	193	2,837.30
DAVID J. SKUODAS	2238	1,095.61
DELTA DENTAL OF COLORADO	13	3,964.88
DERRICK O. SCHAUER	1701	900.84
DEWBERRY ENGINEERS INC.	2494	17,762.00
DIAMOND HILL OPERATING, LLC	1057	32,896.41
DIGITAL DATA SERVICES, INC.	2526	250.00
DISTINCTIVE THREADS	10056	739.67
DODGE DATA & ANALYTICS	3000	749.00
DTN, LLC	1979	23,700.00
E3 SIGNS	3085	4,051.52
ECI SITE CONSTRUCTION MANAGEMENT INC.	2002	328,810.55
ECOLOGICAL RESOURCE CONSULTANTS, INC.	2274	9,988.42
EDGE CONTRACTING, INC.	1716	269,391.50
EMPLOYERS COUNCIL SERVICES INC	1792	20.00
ENVISION IT PARTNERS	2235	675.00
ERIC THOMAS	3106	115.76
ERO RESOURCES CORP.	1385	42,713.55
ETAI'S FOOD	2470	211.11
FASTENAL COMPANY	2054	2,221.21
FELSBURG, HOLT & ULLEVIG	10069	95.00
FRONTIER ENVIRONMENTAL SERVICES, LLC	2336	30,485.00
GEI CONSULTANTS, INC.	537	14,224.03
GREAT ECOLOGY	10070	14,742.43

Vendor Publication Report**Payment Date Range: 09/16/2019 - 10/10/2019**

Vendor Name	Vendor Number	Total Payments
GREAT-WEST LIFE & ANNUITY	1920	38,593.90
GREEN BROTHERS OIL, LLC	1854	113.33
HABITAT MANAGEMENT, INC.	2444	217,472.87
HIGHLANDS RANCH METRO DISTRICT	1144	45,000.00
HOLLY K. PIZA	2176	571.25
ICON ENGINEERING, INC.	1338	326,586.60
IRON MOUNTAIN RECORDS, INC.	1551	31.00
J3 ENGINEERING CONSULTANTS INC	2123	9,140.40
JAMES A. WATT, III	3069	1,109.42
JASON S. STAWSKI	2320	2,180.28
JEFFREY E FISHER	1439	451.35
JOE L. WILLIAMS, JR.	2019	741.78
JONATHAN A. VILLINES	3093	486.52
KELCIE SCOTT	3095	1,200.00
KELSEY MEHAN	3064	15.12
KEN A. MACKENZIE	1244	345.60
KEVIN G. STEWART	183	138.37
KURT K. BAUER	3090	2,361.96
LAURA A. KROEGER	1867	3,809.14
LB ECOLOGICAL, INC	1944	1,284.00
LEFT HAND EXCAVATING LLC	1185	100,743.00
LEONARD RICE ENGINEERS, INC.	315	5,500.00
LIFESECURE INSURANCE COMPANY	3033	1,371.16
MANAGER OF FINANCE C/O CITY & COUNTY OF DENVER	206	253.00
MARK P. SCHUTTE	3089	1,051.66
MASSIVE NETWORKS	2183	2,019.98
MATRIX DESIGN GROUP, INC.	1825	32,375.27
MERRICK & COMPANY INC	72	97,798.94
METRO WASTEWATER RECLAMATION DISTRICT	635	9,455.30
MICHAEL ALEX MCPHERSON	3071	285.86
MICHAEL BAKER INTERNATIONAL	2266	42,523.56
MICHAEL G. SARMENTO	189	202.68
MICHAEL S. SIMONSON	3077	27.56
MORGAN E. LYNCH	3047	935.80
MULLER ENGINEERING COMPANY, INC.	77	254,381.72
NAFSMA	197	6,000.00
NARANJO CIVIL CONSTRUCTORS, INC	1670	1,223,774.65
NORTH STATE ENVIRONMENTAL	10076	28,906.47
OLSSON, INC	1503	100,046.32
ONERAIN INCORPORATED	1778	20,097.01
OTAK, INC.	3007	43,619.24
QUINTEN SCHAFFNER	3102	505.10
R2R ENGINEERS, INC.	3098	2,598.22
RAYMOND E. PRIBBLE	3070	619.74
RESPEC CONSULTING & SERVICES	2321	77,932.40
RJH CONSULTANTS, INC.	2212	11,913.68
ROCKY MOUNTAIN BOTTLED WATER	1209	389.88
ROY ALEXANDER PLUMMER III	3083	5,000.00
SCOTT DIRSCHL	3068	789.03
SHEA B. THOMAS	2102	1,023.46
SKYVIEW WEATHER/ TIMOTHY TONGE & ASSOC., INC.	1573	16,667.67
SOCIETY FOR HUMAN RESOURCE MANAGEMENT	3056	2,500.00
SOURCE OFFICE & TECHNOLOGY	998	76.91
SP PLUS CORPORATION	10067	300.00
SPC	1719	26,000.00
STANDARD INSURANCE CO	1231	1,512.03
STANTEC CONSULTING INC. (SCI)	1822	13,573.00
STEPHANIE CAULK	3101	276.41
STEPHEN M. MATERKOWSKI	1554	2,322.96
STUDIO CPG	10008	1,285.38
TERESA PATTERSON	2446	974.07

Vendor Publication Report**Payment Date Range: 09/16/2019 - 10/10/2019**

Vendor Name	Vendor Number	Total Payments
TERRACARE ASSOCIATES INC.	2228	116,082.29
TERRI L. FEAD	1729	1,026.93
TERRI SCHAFER	2457	227.98
THE TELEPHONE MAN A DIVISION OF TTM, INC.	1705	335.08
TOP NOTCH TREE SERVICE	3079	19,100.00
U.S. BANK CORP.-CTS PAYMENT SYSTEM	2190	1,525.38
U.S. BANK HEALTH SAVINGS SOLUTIONS	2236	2,699.34
U.S. GEOLOGICAL SURVEY	463	69,010.00
U.S. TREASURY	2455	40,688.38
UNITED POWER	2179	24.41
VALLES CONSTRUCTION LLC	2304	157,882.56
VIEUX & ASSOCIATES, INC.	2275	16,300.00
WATER & EARTH TECHNOLOGIES, INC.	1807	23,823.50
WATERSHED SCIENCE AND DESIGN, PLLC	10077	5,771.25
WILSON & COMPANY, INC. ENGINEERS & ARCHITECTS	2376	8,100.00
WOOD ENVIRONMENT & INFRASTRUCTURE SOLUTIONS INC.	1904	16,911.00
WRIGHT WATER ENGINEERS INC.	99	31,106.32
XCEL ENERGY	170	18.38
Grand Total:	5,149,143.28	

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 61, SERIES OF 2019
(Certification of Tax Levy)

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

WHEREAS, the net assessed valuation of all taxable property subject to taxation for the year of 2019 for all territories within the District and the individual totals for each county wherein the District has territory are as follows:

County	Assessed Valuation
Adams	\$ 7,926,524,150
Arapahoe	\$ 12,014,399,598
Boulder	\$ 6,436,408,895
Broomfield	\$ 1,516,187,767
Denver	\$ 20,805,905,326
Douglas	\$ 5,506,651,310
Jefferson	\$ 9,625,170,672
Main Mill Levy Service Area Total	\$ 63,831,247,718
South Platte River Mill Levy Service Area Total (excludes Boulder and Broomfield Counties)	\$ 55,878,651,056

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

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

IN ADDITION:

WHEREAS, the District, for the fiscal year 2020 (2019 taxes are collected in 2020; hereinafter referred to as "fiscal year 2020"), has determined to levy 1.000 mill on all taxable property within the District in the counties of Adams, Arapahoe, Denver, Douglas, and Jefferson and levy 0.900 mill on all taxable property within the District in the County of Boulder and the City and County of Broomfield; and

WHEREAS, the levy within the District in the counties of Adams, Arapahoe, Denver, Douglas, and Jefferson will cause the revenues to the District for the fiscal year 2020 to exceed the limitations set forth in Section 20 of Article X of the Constitution of Colorado (The Taxpayers Bill of Rights, aka TABOR) by approximately \$175,456; and

WHEREAS, the District has determined to comply with TABOR in regard to fiscal year 2020 by a temporary mill levy reduction in advance of the receipt of revenues in 2020 of 0.003 mill on all taxable property within the District in the counties of Adams, Arapahoe, Denver, Douglas, and Jefferson; and

WHEREAS, such temporary mill levy rate reductions in advance of the receipt of revenues in fiscal year 2020 will lower the receipt of revenues by the District to an amount that will not exceed the limitations set forth in TABOR.

NOW, THEREFORE, BE IT RESOLVED THAT:

The Board of Directors of the District does hereby adopt the following:

SECTION 1: In Adams, Arapahoe, Denver, Douglas, and Jefferson Counties, the levy of taxes by the District shall be set at the net rate of 0.997 mill (see Exhibit A) on and against all taxable property within the District subject to taxation for the year 2020 after deducting the temporary mill levy reduction referred to above.

SECTION 2: In Boulder and Broomfield Counties, the levy of taxes by the District shall be set at the net rate of 0.900 mill (see Exhibit B) on and against all taxable property within the District subject to taxation for the year 2020 with no temporary mill levy reduction.

SECTION 3: These levies shall be certified to the body having authority to levy taxes within each county wherein the District has any territory, to wit: the City Council of the City and County of Denver, the City Council of the City and County of Broomfield, and the separate Boards of County Commissioners of Adams, Arapahoe, Boulder, Douglas, and Jefferson Counties.

SECTION 4: The person whom the Board of Directors authorizes to receive the funds collected by the separate counties within the District shall be the Executive Director.

(SEAL)

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 61, SERIES OF 2019
(Certification of Tax Levy)

Exhibit A

2020 Mill levy for Adams, Arapahoe, Denver, Douglas, and Jefferson Counties:

MHFD Mill Levy	Gross Mill Levy	Temporary Mill Levy Reduction	Net Mill Levy
Main Mill Levy	0.900	0.000	0.900
South Platte River Mill Levy	0.100	0.003	0.097
TOTAL	1.000	0.003	0.997

Net Mill Levy is 0.997 Mill

Exhibit B

2020 Mill levy for Boulder and Broomfield Counties:

MHFD Mill Levy	Gross Mill Levy	Temporary Mill Levy Reduction	Net Mill Levy
Main Mill Levy	0.900	0.000	0.900
South Platte River Mill Levy	0.000	0.000	0.000
TOTAL	0.900	0.000	0.900

Net Mill Levy is 0.900 Mill

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 62, SERIES OF 2019
(Adoption of 2020 Budget)

WHEREAS, budgets for the following funds have been considered by the Board of Directors of the Mile High Flood District:

- I. General Fund
- II. Special Revenue Fund - Construction
- III. Special Revenue Fund - Maintenance
- IV. Special Revenue Fund - South Platte River
- V. Development Services Enterprise

WHEREAS, the Board of Directors of the Mile High Flood District considers all unreserved fund balances as of January 1, 2020 and December 31, 2020 to be "reserves" for future operations or capital replacement as defined in Section 20 of Article X of the Constitution of the State of Colorado; and

WHEREAS, the District scheduled a public hearing for October 17, 2019 and published notice of same; and

WHEREAS, said hearing has been held as provided by law.

NOW, THEREFORE, BE IT RESOLVED THAT:

The Board of Directors of the Mile High Flood District approves and adopts the following budgets for Fiscal (Calendar) Year 2020 as hereinafter set forth.

I. GENERAL FUND

A. FUND BALANCE: 1/1/2020

- Restricted - TABOR Emergency Reserve	142,000
- Reserve for Future Operations	4,410

B. REVENUE:

- Taxes	9,183,100
- Investment Interest	35,000
- Seminars and Conferences	48,000
- Miscellaneous Income	-
- Project Participation Funds Returned	-
- Project Participation Interest Returned	-

Total Revenue 9,266,100

C. TRANSFERS FROM OTHER FUNDS

-

D. TOTAL FUNDS AVAILABLE:

9,270,510

E. EXPENDITURES:

- Salaries and Services

	2,215,096
- Operating Costs	1,785,900
- Operations and Development Projects	2,295,000
- Flood Warning and Information Services Projects	460,000
- Drainage Master Plans	1,060,500
- Floodplain Management Activities	<u>1,040,000</u>
Total Expenditures	8,856,496
F. TRANSFERS TO OTHER FUNDS	-
G. TRANSFERS TO TABOR EMERGENCY RESERVE	136,000
H. FUND BALANCE: 12/31/2020	
- Restricted - TABOR Emergency Reserve	278,000
- Reserve for Future Operations	278,014

II. SPECIAL REVENUE FUND: CONSTRUCTION

A. FUND BALANCE: 1/1/2020	
- Restricted - TABOR Emergency Reserve	566,000
- Reserve for Future Operations	603,634
B. REVENUE:	
- Taxes	25,532,500
- Investment Interest	87,500
- Miscellaneous Income	-
- Project Participation Funds Returned	-
- Project Participation Interest Returned	<u>-</u>
Total Revenues	25,620,000
C. TRANSFERS FROM OTHER FUNDS	-
D. TOTAL FUNDS AVAILABLE:	26,223,634
E. EXPENDITURES:	
- Salaries and Services	1,783,650
- Operating Costs	637,500
- Operations and Development Projects	-
- Construction Projects	<u>22,830,000</u>

	Total Expenditures	25,251,150
F. TRANSFERS TO OTHER FUNDS		-
G. TRANSFERS TO TABOR EMERGENCY RESERVE		202,500
H. FUND BALANCE: 12/31/2020		
- Restricted - TABOR Emergency Reserve		768,500
- Reserve for Future Operations		769,984
III. SPECIAL REVENUE FUND: MAINTENANCE		
A. FUND BALANCE: 1/1/2020		
- Restricted - TABOR Emergency Reserve		568,000
- Restricted - Floodplain Preservation Reserve		500,000
- Reserve for Future Operations		697,173
B. REVENUES:		
- Taxes		25,532,500
- Investment Interest		192,500
- Miscellaneous Income		-
- Project Participation Funds Returned		-
- Project Participation Interest Returned		-
	Total Revenues	25,725,000
C. TRANSFERS FROM OTHER FUNDS		-
D. TOTAL FUNDS AVAILABLE:		26,922,173
E. EXPENDITURES:		
- Salaries and Services		2,199,013
- Operating Costs		652,500
- Operations and Development Projects		-
- Stream Management Projects		16,915,000
- Floodplain Preservation Projects		2,000,000
- Flood Warning Equipment Maintenance		680,000
	Total Expenditures	22,446,513
F. TRANSFERS TO OTHER FUNDS		-

G. TRANSFERS TO FLOODPLAIN PRESERVATION RESERVE	3,500,000
H. TRANSFERS TO TABOR EMERGENCY RESERVE	203,800
I. FUND BALANCE: 12/31/2020	
- Restricted - Floodplain Preservation Reserve	2,000,000
- Restricted - TABOR Emergency Reserve	771,800
- Reserve for Future Operations	771,860

IV. SPECIAL REVENUE FUND: SOUTH PLATTE RIVER

A. FUND BALANCE: 1/1/2020	
- Restricted - TABOR Emergency Reserve	144,500
- Reserve for Future Operations	113,258
B. REVENUE:	
- Taxes	5,712,400
- Investment Interest	35,000
- Miscellaneous Income	-
- Project Participation Funds Returned	-
- Project Participation Interest Returned	-
Total Revenues	5,747,400
C. TRANSFERS FROM OTHER FUNDS	-
D. TOTAL FUNDS AVAILABLE:	5,860,658
E. EXPENDITURES:	
- Salaries and Services	305,721
- Operating Costs	145,800
- Operations and Development Projects	-
- Maintenance and Construction Service	5,209,000
Total Expenditures	5,660,521
F. TRANSFERS TO TABOR EMERGENCY RESERVE	27,900
G. TRANSFERS TO OTHER FUNDS	-
H. FUND BALANCE: 12/31/2020	

- Restricted - TABOR Emergency Reserve	172,400
- Reserve for Future Operations	172,237

V. DEVELOPMENT SERVICES ENTERPRISE

A. FUND BALANCE: 1/1/2020

- Reserved for Future Operations	-
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B. REVENUE:

- Voluntary Developer Fees (96% of Total)	19,200,000
- Administrative Fees (4% of Total)	<u>800,000</u>

Total Revenues	20,000,000
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C. TOTAL FUNDS AVAILABLE:	20,000,000
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D. EXPENDITURES:

- Design and Construction of Regional Infrastructure	19,200,000
- Transfer to other Funds	<u>-</u>

Total Expenditures	19,200,000
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E. FUND BALANCE: 12/31/2020

- Reserve for Future Operation	-
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(SEAL)

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 63, SERIES OF 2019
(Appropriation of Funds for 2020)

WHEREAS, the Board has duly adopted a budget for the fiscal (calendar) year of 2020 based on 2019 property tax revenues received in 2020 (hereinafter referred to as "Fiscal Year 2020") as provided by law; and

WHEREAS, the Statutes of the State of Colorado require that a resolution appropriating 2019 property tax revenue funds for use in Fiscal Year 2020 be adopted prior to making expenditures; and

WHEREAS, the Board of Directors of the Mile High Flood District considers all unreserved fund balances as of January 1, 2020 and December 31, 2020 to be "reserves" for future operations or capital replacement as defined in Section 20 of Article X of the Constitution of the State of Colorado.

NOW, THEREFORE, BE IT RESOLVED THAT:

The following sums of money are hereby appropriated as of this date, October 17, 2019, to the uses and purposes hereinafter indicated for the operation of the Mile High Flood District during Fiscal Year 2020.

I. GENERAL FUND

EXPENDITURES:

- Salaries and Services	2,215,096
- Operating Costs	1,785,900
- Operations and Development Projects	2,295,000
- Flood Warning and Information Services Projects	460,000
- Drainage Master Plans	1,060,500
- Floodplain Management Activities	<u>1,040,000</u>
Total Expenditures	8,856,496

II. SPECIAL REVENUE FUND: CONSTRUCTION

EXPENDITURES:

- Salaries and Services	1,783,650
- Operating Costs	637,500
- Operations and Development Projects	-
- Construction Projects	<u>22,832,000</u>
Total Expenditures	25,253,150

III. SPECIAL REVENUE FUND: MAINTENANCE

EXPENDITURES:

- Salaries and Services	2,199,013
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- Operating Costs	652,500
- Operations and Development Projects	-
- Stream Management Projects	16,915,000
- Floodplain Preservation Projects	2,000,000
- Flood Warning Equipment Maintenance	<u>680,000</u>
Total Expenditures	22,446,513

IV. SPECIAL REVENUE FUND: SOUTH PLATTE RIVER

EXPENDITURES:

- Salaries and Services	305,721
- Operating Costs	145,800
- Operations and Development Projects	-
- Maintenance and Construction Service	<u>5,209,000</u>
Total Expenditures	5,660,521

V. DEVELOPMENT SERVICES ENTERPRISE

EXPENDITURES:

- Design and Construction of Regional Infrastructure	19,200,000
- Transfer to other Funds	<u>-</u>
Total Expenditures	19,200,000

(SEAL)

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 64, SERIES OF 2019
(Adoption of 2020 Work Program and Authorization of Expenditures)

WHEREAS, the 2020 Budget anticipated a work plan emphasizing the planning, design, and construction of solutions to major drainage problems in the District; and

WHEREAS, the 2020 Budget anticipated a work plan emphasizing maintenance and preservation of major drainageways in the District; and

WHEREAS, the 2020 Budget anticipated a work plan emphasizing the planning, design, and construction of solutions to flood control problems along the South Platte River and the maintenance of existing facilities on the River; and

WHEREAS, the 2020 Budget anticipated a work plan recognizing the value of preventive and remedial master planning on developed and undeveloped floodplains; and

WHEREAS, the 2020 Budget anticipated a work plan recognizing the need for floodplain management activities; and

WHEREAS, the 2020 Budget anticipated a work plan recognizing the need for information services and local flood warning enhancements; and

WHEREAS, the 2020 Budget anticipated a work plan recognizing the need for improvements and upgrades in technology to the District's project management system, as well as records and document management systems; and

WHEREAS, the 2020 Budget anticipated a work plan which includes District assistance to local governments within the District in complying with and applying for National Pollutant Discharge Elimination System (NPDES) storm sewer system permits and refining stormwater best management practices (BMP) technology for this semi-arid region; and

WHEREAS, the Board has considered the damage potential; local participation; work already completed by local governments, Corps of Engineers, and others; and the feasibility of defining and accomplishing solutions to drainage and flood control problems in 2020.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The following 2020 Work Programs are hereby adopted:

A. Stream Services

Continue the design, construction, and maintenance activities, which include work to be accomplished under the following funds:

- I. South Platte River Fund – Construction and Maintenance Services: \$5,209,000
 - a. Construct and maintain public drainage facilities along the South Platte River pursuant to the accepted South Platte River Work Plan.
 - b. Implement flood control, maintenance access, river stabilization improvements, and other measures along the South Platte River in cooperation with public and private local sponsors.
 - c. Maintain and continue development of information related to facilities, right-of-way, and geomorphology that is beneficial for the management of the South Platte River and for understanding its behavior.
- II. Maintenance Fund – Maintenance Services: \$18,915,000
 - a. Maintain public drainage facilities along drainageways in accordance with the Maintenance Work Plan.
 - b. Continue floodplain and floodway preservation efforts.
 - c. Cooperate with local jurisdictions in the preparation of the Maintenance Work Plan.

B. Watershed Services

Continue floodplain management activities, which include work to be accomplished under the following funds:

- I. General Fund – Floodplain Management Services: \$1,455,500
 - a. Continue assisting local entities in preparing, adopting, and administering floodplain regulations, and implement District regulations in those local jurisdictions that do not adopt and enforce floodplain regulations.
 - b. Delineate flood hazard areas.
 - c. Coordinate Federal Emergency Management Agency (FEMA) efforts within the District.
 - d. Review drainage and flood control proposals for proposed development affecting major drainageways upon request from local entities.
 - e. Continue notification to property owners of flood hazards.
 - f. Continue the District's program of determining maintenance eligibility of drainage and flood control facilities constructed by others.
 - g. Continue the District's program to bring non-flood control reservoirs into compliance with District policy.
 - h. Continue development of the Cooperating Technical Partners (CTP) Program with FEMA.
 - i. Assist local governments and developers in the implementation of drainage and flood control master plans.
 - j. Provide contingencies for planning studies.

C. Operations and Development Services

Continue operations and development activities, which include work to be accomplished under the following funds:

- I. General Fund – Operations and Development Projects: \$2,295,000
 - a. Continue efforts to improve methodologies for planning and design of drainage and flood control facilities, stormwater best management practices (BMP) and delineation of floodplains in the Denver region, and disseminate information developed to public from these efforts.
 - b. Continue development and updating of the District's Urban Storm Drainage Criteria Manual and continue administration of manual.
 - c. Provide coordination and assistance to local governments in the Denver metro area in their efforts to prepare National Pollutant Discharge Elimination System (NPDES) permit applications and to comply with issued municipal NPDES stormwater discharge permits.
 - d. Continue projects to establish methods and agreements for financing and implementing regional drainage and flood control facilities.
 - e. Develop, compile, publish, and distribute appropriate information and data to assist local jurisdictions in drainage and flood control efforts including continuation of publication of *Flood Hazard News* and sponsoring of seminars.
 - f. Continue educational and information dissemination efforts to public officials, consulting firms, and the public related to stormwater and flood management issues.
 - g. Continue development of District's data and records management and geographic information system (GIS) capability.
 - h. Continue development, implementation, and management of external communications efforts, including the District's website, community learning center, and annual materials such as the annual report and summary of services.

D. Flood Warning and Information Services

Continue flood warning and information services activities, which include work to be accomplished under the following funds:

- I. General Fund – Flood Warning Projects: \$460,000
 - a. Continue development of the District's early flood warning system.
 - b. Continue documentation of floods.
 - c. Continue providing meteorological services to local governments.
 - d. Continue development of data and communication networks.
 - e. Continue developing and supporting ALERT system applications.
 - f. Continue training, education, and evaluation activities.
 - g. Review and revise, as necessary, the Standard Operating Procedure (SOP) for implementing the District's Flood Disaster and Mitigation Plan.
 - II. Maintenance Fund – Flood and Streamflow Monitoring Projects: \$680,000
 - a. Continue to support a rainfall/runoff data collection program including cooperative efforts with the U.S. Geology Survey (USGS) and others, and provide data analysis as appropriate.
 - b. Assist local governments in developing, updating, exercising, and maintaining flood detection networks and flood warning plans.
 - c. Continue other data collection and flood documentation activities.
2. The Executive Director is authorized to negotiate and execute necessary agreements to administer the District's 2020 Work Program.
 3. The costs of these services shall not exceed those amounts listed above for each service category for calendar year 2020.

(SEAL)

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 65, SERIES OF 2019
(Adoption of Five-Year Capital Improvement Plan [CIP]: 2019 – 2023)

WHEREAS, by Resolution No. 11, Series of 1973, the Board of Directors adopted a capital improvements expenditure policy; and

WHEREAS, by Title 32-11-214, C.R.S., it is stated:

- "(1) The District, acting by and through the board, may acquire, improve, equip, relocate, maintain, and operate the facilities, any project, or any part thereof, for the benefit of the district and the inhabitants thereof, after the board has made such preliminary studies and otherwise taken such action as it determines to be necessary or desirable as preliminaries thereto."
- "(2) When a comprehensive program for the acquisition of facilities for the district satisfactory to the board is available, such program shall be tentatively adopted. The program need only describe the proposed facilities in general terms and not in detail."
- "(3) A public hearing on the proposed program shall be scheduled, and notice of the hearing shall be given by publication. After the hearing and any adjournments thereof which may be ordered, the board may either require changes to be made in the program as the board shall consider desirable, or the board may approve the program as prepared."; and

WHEREAS, by Resolution No. 67, Series of 2018, the Board set forth projects that were adopted as a part of the comprehensive program for the years 2018 through 2022; and

WHEREAS, the Board desires to revise the comprehensive five-year capital improvement plan (CIP) (Exhibit A) on an annual basis; and

WHEREAS, by Resolution No. 11, Series of 1973, key policies set by the Board to guide the selection of projects were considered in determining the 2019 – 2023 CIP; and

WHEREAS, the Board of Directors adopted a budget for 2020 (Resolution No. 62, Series of 2019) which includes \$22,830,000 for CIP projects within the District; and

WHEREAS, a public hearing on the proposed plan was held on October 17, 2019 pursuant to published notice, and testimony was taken and data provided describing the comprehensive program in general terms to the satisfaction of the Board.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The improvements described herein are necessary for the health, comfort, safety, convenience, and welfare of all the people in the State and are of special benefit to the inhabitants of the District and the property therein.
2. The list of projects is adopted as a part of the comprehensive five-year program for the years 2019 through 2023 for the implementation of projects. Such projects are described in general, and not in detail, and individual projects and authorizations therefore shall be approved by the Board on a project-by-project basis.
3. Individual projects on the capital improvement plan (CIP) may be added, removed, or moved from one year to another in the CIP based on requests from the local governments and shifting priorities.
4. The following guidelines will be followed as the CIP is administered; or projects on the CIP are added, deleted, or moved from one year to another in the CIP:
 - a. Proposed improvements must be requested by local government.
 - b. Proposed projects must be master planned.
 - c. Local governments must provide at least a 50 percent match to District funds.
 - d. Local governments must agree to maintain the facilities.
 - e. The District shall allocate funds such that revenues from counties will be spent for improvements within those counties over a five-year time period.

(SEAL)

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

Mile High Flood District								
Five-Year Capital Improvement Plan 2019 - 2023								
ADAMS COUNTY								
Project Number	Project Name	2019	2020	2021	2022	2023	Watershed Area	Benefitting Entities
100252	Grange Hall Creek - at Washington	200,000		400,000	300,000		North	Northglenn
100272	North Outfall	120,000	700,000				North	Brighton
101698	Niver Creek - at Zuni Street		275,000				North	Federal Heights
107149	Dahlia Street Outfall	375,000	200,000				Northeast	Adams County
*107305	Baranmor Ditch at Zion and Billings	100,000					Sand	Aurora
*107305	Easterly Creek at East 23rd Avenue	200,000	400,000				Sand	Aurora
106191	Second Creek - I-76 to 112th Avenue	250,000		475,000			North	Commerce City
107149	Dahlia Pond	320,000	225,000				Northeast	Adams County
106266	Hoffman Drainageway - 88th Ave to Steele St	300,000					North	Adams County
106259	Clear Creek at BNSF Railroad	125,000		1,150,000			West	Adams County
New	Niver Creek Trib M - Thornton Parkway to Huron		500,000	500,000			North	Thornton
*107303	Irondale Gulch - at Highway 2			100,000	250,000	450,000	Northeast	Commerce City
New	Shaw Heights Tributary - Lowell to Little Dry Creek			175,000	600,000	500,000	West	Westminster
New	Fairfax Park Detention and Outfall			200,000	600,000		Northeast	Commerce City
New	Westerly Creek - Colfax to 16th Ave				200,000	350,000	Sand	Aurora
New	Page Gulch - Upstream of HWY 36				200,000	350,000	West	Adams County
New	Rec Center Outfall - Telluride to Midland				250,000	500,000	North	Brighton
New	Grange Hall Creek Tributary South - Grant to Washington				300,000	180,000	North	Thornton
New	Unidentified Project				400,000	870,000		
ADAMS COUNTY TOTALS		1,990,000	2,300,000	3,000,000	3,100,000	3,200,000		

Adams
2020 5-21-2020

10/18/20

Mile High Flood District								
Five-Year Capital Improvement Plan 2019 - 2023								
ARAPAHOE COUNTY								
Project Number	Project Name	2019	2020	2021	2022	2023	Watershed Area	Benefiting Entities
100260	First Creek Detention	400,000	400,000	400,000	400,000		NE	Aurora
100407	Cherry Creek - At Arapahoe Road			100,000	100,000		Cherry	Aurora
104627	Easterly Creek-1st Ave and Kenton	1,025,000					Sand	Aurora
NEW	Virgina Drive Tributary Storm Sewer					400,000	Sand	Aurora
NEW	Easterly Creek-11th Ave and Havana		850,000	475,000		400,000	Sand	Aurora
NEW	Westerly Creek at Kenton Way		400,000	925,000			Sand	Aurora
NEW	Westerly Creek - Easterly Creek at 1st Ave and Kenton Street Ponds				400,000	400,000	Sand	Aurora
NEW	Dakota Avenue Tributary Storm Sewer			300,000	300,000	300,000	Sand	Aurora
100451	Little Dry Creek at Tufts		100,000				South	Cherry Hills Village
106622	Greenwood Gulch-At Quincy	100,000					South	Cherry Hills Village
NEW	Little Dry Creek at Tufts			100,000			South	Cherry Hills Village
NEW	Dry Gulch at Yale to University			100,000	100,000		South	Englewood
107348	Dry Gulch-Yale Ave to University Blvd.			100,000	100,000		South	Englewood
107336	Little Dry Creek at Broadway		1,100,000				South	Englewood
NEW	Goldsmith Gulch at Orchard Road		200,000	250,000			Cherry	Greenwood Village
106050	Goldsmith Gulch-Silo Park		200,000	250,000			Cherry	Greenwood Village
106731	Goldsmith Gulch-Maplewood Ave	375,000					Cherry	Greenwood Village
NEW	Dad Clark Gulch at Mineral			200,000	200,000	200,000	South	Littleton
NEW	Dad Clark Gulch at Santa Fe			100,000	100,000	300,000	South	Littleton
105908	Little's Creek at Gallup Street	250,000	500,000	250,000			South	Littleton
107337	Jackass Gulch at Highline Canal (old name Dad Clark at Mineral)			200,000	200,000		South	Littleton
107338	Rangeview at Santa Fe (old name Dad Clark Gulch at Santa Fe)			100,000	100,000		South	Littleton
NEW	Happy Canyon Jordan Road to Broncos Parkway				200,000	300,000	Cherry	SEMSWA
107345	Big Dry Creek-Orchard Rd. to County Line Rd.	250,000	250,000	250,000	250,000		South	SEMSWA/Centennial
107339	West Toll Gate Creek at Himalaya	100,000	100,000	200,000	200,000	200,000	Sand	SEMSWA/Arapahoe Co & Centennial
107347	No Name Creek at Quincy to Shawnee Way	200,000	200,000	200,000	200,000	200,000	Sand	SEMSWA/Arapahoe Co & Centennial
100265	Cherry Creek Stabilization (Monaco to Illiff)		200,000	100,000			Sand	SEMSWA/Arapahoe Co
	Unidentified projects	0	100,000	100,000	1,630,000	2,400,000		
	ARAPAHOE COUNTY TOTALS	2,700,000	4,600,000	4,700,000	4,480,000	5,100,000		

Mile High Flood District								
Five-Year Capital Improvement Plan 2019 - 2023								
BOULDER COUNTY								
Project Number	Project Name	2019	2020	2021	2022	2023	Watershed Area	Benefitting Entities
100420	Fourmile Canyon Creek Restoration			200,000			Boulder	City of Boulder
105856	South Boulder Creek Upstream of HWY 36	200,000	700,000	1,000,000	1,000,000	2,000,000	Boulder	City of Boulder
107151	Gregory Canyon Creek - Arapahoe to Pennsylvania	400,000	300,000	500,000	500,000		Boulder	City of Boulder
101684	Coal Creek - County Line to Kenosha Rd		300,000	100,000			Boulder	Erie
New	Coal Creek at Centaur Village		200,000				Boulder	Lafayette
106228	Bullhead Gulch Drainage Underpass	400,000					Boulder	Louisville
New	Drainageway A-1 at Garfield Avenue		250,000				Boulder	Louisville
New	Drainageway 7-1 - HWY 42 to Drainageway A				300,000	300,000	Boulder	Louisville
106436	Coal Creek - McCaslin to HWY 36	110,000					Boulder	Superior
New	Coal Creek - 2nd to McCaslin			400,000			Boulder	Superior
107771	Dry Creek at Baseline	190,000	60,000	300,000			Boulder	Boulder County
New	95th Street at Boulder Creek		90,000		300,000		Boulder	Boulder County
New	Boulder Creek at 75th				250,000	250,000	Boulder	Boulder County
New	Unidentified Project			220,000	350,000	450,000	Boulder	Unidentified
	BOULDER COUNTY TOTALS	1,300,000	1,900,000	2,720,000	2,700,000	3,000,000		

Mile High Flood District								
Five-Year Capital Improvement Plan 2019 - 2023								
BROOMFIELD CITY & COUNTY								
Project Number	Project Name	2019	2020	2021	2022	2023	Watershed Area	Benefitting Entities
101660	Nissen Reservoir Drainageway - Lowell Blvd. to Tennys	270,000	500,000	560,000				Broomfield
107832	Quail Creek - Lowell Blvd. to Plaster Reservoir				580,000			Broomfield
107831	City Park Drainageway - South Trib - 3rd Ave. Storm Sewer					610,000		Broomfield
107317	City Park Drainageway - Chase to Sheridan							Broomfield
107833	City Park Drainageway - Compton St. to Burbank St.							Broomfield
	BROOMFIELD COUNTY TOTALS	270,000	500,000	560,000	580,000	610,000		

Mile High Flood District								
Five-Year Capital Improvement Plan 2019 - 2023								
DENVER CITY & COUNTY								
Project Number	Project Name	2019	2020	2021	2022	2023	Watershed Area	Benefitting Entities
100265	Cherry Creek Stabilization (Monaco to Hill)	1,550,000	2,000,000	2,000,000			Cherry	Denver
105540	Sanderson Gulch at the South Platte River	1,650,000	2,100,000				Southwest	Denver
106587	Globeville OSP (49th and Grant) - Platte Farms	600,000	750,000				Southwest	Denver
100432	Marston Lake (Reach 7.8.9) d/s Garrison St	650,000					Southwest	Denver
107056	Bowles Ditch Separation			1,000,000	750,000		Southwest	Denver
100297	Lakewood Gulch, Wolff St to Sheridan		250,000	1,000,000			Southwest	Denver
*107302	Dry Gulch, Sheridan to Lakewood Gulch Confluence						Southwest	Denver
*107344	Irondale Gulch	50,000	1,150,000	1,150,000			Northeast	Denver
4901	Weir Gulch Reach 1 (8th Avenue to SPR)		2,000,000	1,800,000			Southwest	Denver
NEW	Goldsmith Gulch (Evans and Monaco)		250,000	500,000			Cherry	Denver
	Unidentified			150,000	6,850,000	7,700,000		Denver
DENVER COUNTY TOTALS		4,500,000	8,500,000	7,600,000	7,600,000	7,700,000		

Mile High Flood District								
Five-Year Capital Improvement Plan 2019 - 2023								
DOUGLAS COUNTY								
Project Number	Project Name	2019	2020	2021	2022	2023	Watershed Area	Benefitting Entities
New	Happy Canyon Creek at Monarch Blvd d/s of Pond 12			200,000			Cherry	Castle Pines
106722	Cherry Creek at KOA	200,000	240,000				Cherry	Parker
106741	Lemon Gulch d/s Crowfoot Valley Road		200,000				Cherry	Parker
*107328	Newlin Gulch @ Recreation Drive			290,000	100,000		Cherry	Parker
100303	Cherry Creek at Main Street			60,000		400,000	Cherry	Parker
*107327	Cherry Creek at Lincoln					80,000	Cherry	Parker
New	Cherry Creek at Dransfeldt Drive			60,000	150,000		Cherry	Parker
106677	Timbers Creek d/s Fox Sparrow	125,000	225,000	50,000			Cherry	Douglas County
101697	Happy Canyon Creek North of Lincoln	375,000	85,000	400,000	225,000	200,000	Cherry	Douglas County
101374	N Pinery Creek u/s of N Pinery Pkwy			85,000			Cherry	Douglas County
107596	Baldwin Gulch Dam	50,000		200,000	200,000		Cherry	Douglas County
100464	Happy Canyon Creek u/s 125			200,000	100,000		Cherry	Douglas County
*107321	Plum Creek (Sedalia to Chattfield)					400,000	South	Douglas County
*107320	Little Willow Creek at Roxborough Road	25,000			200,000		South	Douglas County
100348	Willow Creek Along Rampart Range Road	25,000	175,000				South	Douglas County
106874	Dad Clark Gulch, Wild Iris Run	555,000					South	Highlands Ranch
New	Marcy Gulch, stockpond to Wildcat		425,000				South	Highlands Ranch
New	Dad Clark Gulch, Tresana Clubhouse to HRP			150,000	500,000		South	Highlands Ranch
New	Marcy Gulch HR Golf to Santa Fe				150,000	400,000	South	Highlands Ranch
107401	West Fork Big Dry Creek, North of Canon Gate Lane	45,000					South	Highlands Ranch
	Unidentified Project		50,000	505,000	575,000	1,120,000		
DOUGLAS COUNTY TOTALS		1,400,000	1,400,000	2,000,000	2,200,000	2,600,000		

Transparency
 2018-2019 CIP 2019-2023

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Mile High Flood District								
Five-Year Capital Improvement Plan 2019 - 2023								
JEFFERSON COUNTY								
Project Number	Project Name	2019	2020	2021	2022	2023	Watershed Area	Benefitting Entities
100444	North Dry Gulch - Lamar to Teller	425,000	700,000	650,000	775,000	650,000	Southwest	Lakewood (1)
107329	Dutch Ck Culvert at Coal Mine Road	275,000	800,000	1,100,000			Southwest	Jefferson County (2)
107330	Dutch Ck Culvert at Yukon Street		100,000				Southwest	Jefferson County (3)
107120	Weaver Creek at Swarthmore Ave	150,000			500,000		Southwest	Jefferson County (1)
107837	Dutch Ck at Estes St				150,000		Southwest	Jefferson County (5)
107838	Weaver Creek at Bellevue Ave		0	0	400,000	750,000	Southwest	Jefferson County (4)
106155	Van Bibber Ck Crossing at McIntyre St	300,000					West	Jefferson County
107331	Lena Gulch - Heritage Road to Zeta Street		200,000	200,000			West	Golden (1)
106452	Hylands Creek, S Branch - D/S Sheridan Blvd to BDC						West	Westminster (2)
106454	Big Dry Creek - Sheridan to Standley Lake - various	600,000	400,000	400,000	400,000	250,000	West	Westminster (1)
107332	Walnut Creek - US36 to Wadsworth Pkwy - various			150,000	400,000		West	Westminster (3)
101477	Leyden Creek at Alkire Street	350,000					West	Arvada (1)
107333	Leyden Creek at Croke Canal		200,000	400,000	465,000		West	Arvada (3)
107834	Ralston Creek at Croke Canal		200,000	500,000	200,000		West	Arvada (2)
107836	Moon Gulch at Indiana Ave		0	0	300,000	200,000	West	Arvada (4)
106736	Lena Gulch - Maple Grove Reservoir Spillway						West	Lakewood, Consolidated Mutual
	Unidentified Project(s)				210,000	2,850,000		County Wide
JEFFERSON COUNTY TOTALS		2,100,000	2,600,000	3,400,000	3,800,000	4,700,000		

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 66, SERIES OF 2019
(Amendment to the District's Floodplain Regulation)

WHEREAS, authority for the Board of Directors to adopt, amend, repeal, enforce, and otherwise administer under the police power reasonable floodplain zoning resolutions, rules, regulations, and orders pertaining to properties within the District of any public body or other person affecting the disposition of water drainage is contained in Section 32-11-218(1)(f)(1) CRS; and

WHEREAS, the uncontrolled use of the floodplains and watercourses within the District boundaries adversely impacts the public health, safety, and welfare of the citizens of the District; and

WHEREAS, the Board of Directors adopted a Floodplain Regulation (Resolution No. 11, Series of 1970, as amended by Resolution No. 26, Series of 1974, Resolution No. 2, Series of 1979, Resolution No. 2, Series of 1980, and Resolution No. 3, Series of 2013); and

WHEREAS, the Board of Directors desires to amend its Floodplain Regulation in order to update language to conform to current national standards and FEMA terminology; and

WHEREAS, the Board of Directors additionally recognizes the current proliferation of tents and makeshift structures, enclosures, or other shelters used for human habitation within the District's floodplains adversely impacts the public health, safety, and welfare of the citizens of the District and desires to address this issue directly in the Floodplain Regulation; and

WHEREAS, the Board of Directors has, with due consideration, determined the said Floodplain Regulation to be necessary to execute the legal duties imposed upon the District by its enabling legislation; and

WHEREAS, a public hearing on the amendment proposed by the District has been held by the Board of Directors, at which any public body owning drainage and flood control facilities in the District or exercising powers affecting drainage and flood control therein had an opportunity to be heard along with other persons having an interest in the proposed regulations as required by Section 32-11-218(1)(f)(II) CRS.

NOW, THEREFORE, BE IT RESOLVED THAT:

The Board of Directors of the District does hereby amend its Floodplain Regulation by repealing it in its entirety and replacing it with the following:



FLOODPLAIN REGULATION

Adopted by: Resolution No. 11, Series of 1970
Amended by: Resolution No. 26, Series of 1974
Resolution No. 2, Series of 1979
Resolution No. 2, Series of 1980
Resolution No. 3, Series of 2013
Resolution No. 66, Series of 2019

SECTION 1: PURPOSE

To promote the public health, safety, and general welfare, to minimize flood losses in areas subject to flood hazards, and to promote wise use of the floodplain through the development of sound floodplain management practices that assist the Mile High Flood District (MHFD) and the communities it serves with implementation of the Federal Emergency Management Agency (FEMA) National Flood Insurance Program (NFIP) and the Colorado Water Conservation Board (CWCB) *Rules and Regulations for Regulatory Floodplains in Colorado*; this Floodplain Regulation has been established with the following purposes intended:

- 1.1 To reduce the hazards of floods to life and property; by:
 - 1.1.1 Prohibiting certain uses which are dangerous to life or property in times of flooding.
 - 1.1.2 Restricting uses which would be hazardous to the public health in times of flooding.
 - 1.1.3 Restricting uses which are particularly susceptible to flood damage, so as to alleviate hardship and eliminate demands for public expenditures for relief and protection.
 - 1.1.4 Requiring permitted floodplain uses, including public facilities which serve such uses, to be protected against floods by providing floodproofing where applicable, and general flood protection at the time of initial construction.
- 1.2 To alert floodplain occupants or potential occupants of the potential for flood damages which may result from their land uses; (or that of others) by:
 - 1.2.1 Regulating the manner in which structures designed for human occupancy may be constructed so as to prevent danger to human life within such structures.
 - 1.2.2 Regulating the method of construction of water supply, sanitation systems and other utilities, so as to prevent disease, contamination and unsanitary conditions.

- 1.2.3 Delineating and describing areas that could be inundated by floods so as to protect individuals from purchasing floodplain lands for purposes which are unsuitable for those areas.
- 1.3 To protect the public from the burden of avoidable financial expenditures for flood control and relief; by:
 - 1.3.1 Regulating all uses within the floodplain so as to produce a method of construction and a pattern of development which will minimize the probability of damage to property and loss of life or injury to the inhabitants of the flood hazard area.
- 1.4 To protect the flood storage capacity of floodplains and to assure retention of sufficient floodway area to convey flood flows which can reasonably be expected to occur; by:
 - 1.4.1 Regulating the filling, dredging, and alteration of channels by deepening, widening, or relocating.
 - 1.4.2 Prohibiting unnecessary and damage-creating encroachments.
 - 1.4.3 Encouraging floodplain uses such as open space, natural areas, agriculture and recreation.
- 1.5 To protect the hydraulic characteristics of the small watercourses, including the gulches, sloughs and artificial water channels used for conveying flood waters, which make up a portion of the urban drainage system; by:
 - 1.5.1 Regulating the filling and channelization of watercourses so as to maintain natural storage capacity and slow flow characteristics.
 - 1.5.2 Prohibiting encroachment into the small watercourses to maintain their water carrying capacity.
 - 1.5.3 Encouraging uses such as open space, natural areas, recreation and trails.

SECTION 2: GENERAL PROVISIONS

- 2.1 Authority: Per 32-11-218(1)(f)(I) C.R.S., MHFD has the power to adopt, amend, repeal, enforce, and otherwise administer this Floodplain Regulation. In the event of any conflict between this floodplain zoning regulation and any floodplain regulation adopted by any other public body within MHFD, the more restrictive regulation shall control. Most local governments within MHFD also have floodplain regulations and processes in place to administer and enforce those regulations. For this reason, the MHFD Floodplain Administrator will generally defer to the floodplain administrators appointed by those local governments for the administration of routine floodplain management activities such as granting grading and floodplain development permits, etc., and will not be involved in these matters unless directed to do so by the MHFD Board of Directors.
- 2.2 Jurisdiction: The jurisdiction of this section includes all lands adjacent to any watercourse within MHFD that would be inundated by the one-percent annual chance flood for that watercourse (as defined in *Section 10, Definitions*), and areas removed from the Floodplain by the placement of fill.
- 2.3 Floodplain Components: The Floodplain covers the mapped area corresponding to the one-percent annual chance flood (a.k.a. the 100-year flood). This is the area susceptible to inundation during a flood that has a one percent chance of being equaled or exceeded in any given year. Where deemed to be in the public interest by the MHFD, and to promote wise use of the Floodplain, the Floodplain may be subdivided into the Floodway and the Flood Fringe.

The Floodplain is defined by computing the limits of the one-percent annual chance flood under existing channel and Floodplain conditions, and typically with consideration of future runoff potential from full development of the watershed.

Subdivision of the Floodplain into the Floodway and the Flood Fringe must not cause a one-percent annual chance rise of more than one-half foot in either the flood water surface elevation or corresponding energy grade line (as defined in *Section 10, Definitions*) elevation above that for the Floodplain unless requirements of or comparable to those in 44 CFR. § 65.12 of the NFIP regulations have been met. This ensures that alternative options have been considered and documentation of individual legal notice (as defined in *Section 10, Definitions*) to all impacted property owners has been provided. This also requires certification that no structures will be impacted by the rise in water surface elevation profile.

The subdivision of the Floodplain and accompanying hydraulic studies shall be based upon computational hydraulic analyses which consider a portion (to be determined by the Floodplain Administrator) of the Flood Fringe reach being filled. Determination of the Floodway and Flood Fringe must be made only with the full understanding that such subdivision may tend to increase flood peaks downstream.

- 2.4 Boundaries: The boundaries of the Floodplain shall be as they appear on the floodplain maps kept on file with the Floodplain Administrator. The boundary lines on the map shall be determined by the use of the scale appearing on the map. Where there is a conflict between the boundary lines illustrated on the map and actual field conditions, the dispute shall be settled according to *Section 7.3, Mapping Disputes*.
- 2.5 Interpretation: In the Floodplain Administrator's interpretation and application, the provisions of this Regulation shall be held to be minimum requirements and shall be liberally construed in favor of the governing body and shall not be deemed a limitation or repeal of any other powers granted by Colorado Statutes.
- 2.6 Warning and Disclaimer of Liability: The degree of flood protection intended to be provided by this section is considered reasonable for the regulatory purposes and is based on engineering and scientific methods of study. Larger floods can and will occur on occasions, and the depth of any flood may be increased by man-made or natural causes, such as ice jams and bridge openings restricted by debris. This Regulation does not imply the areas outside Floodplain area boundaries or land uses permitted within such areas will always be free from flooding or flood damage. Nor shall this section create a liability on the part of or a cause of action against MHFD or any officer or employee thereof for any flood damages that may result despite reliance on this Regulation.
- 2.7 Adoption of Floodplain Maps: The location and boundaries of the Floodplain established by this regulation shall be as they appear on the maps and profiles contained in engineering reports adopted after a public hearing by the MHFD Board of Directors, and any subsequent revisions to these maps and profiles as approved or designated by FEMA or CWCBC. The MHFD Board of Directors may designate Floodways and Flood Fringes by adopting floodway tables and corresponding delineations contained in the above mentioned engineering reports, or subsequent map revisions after a public hearing. Each change in the official maps shall be subject to the Amendment procedure as required in *Section 7.3, Mapping Disputes*. The adopted maps and flood profiles shall be on file with the Floodplain Administrator and also with the County Clerk and Recorder of the county in which the Floodplain is located.

SECTION 3: NONCONFORMING USES

- 3.1 The existing lawful use of a structure or premises which is not in conformity with the provisions of this Regulation may be continued, subject to the following conditions:

- 3.1.1 No such use shall be expanded or enlarged except in conformity with the provisions of this Regulation.
- 3.1.2 Substantial improvement (as defined in *Section 10, Definitions*) to any nonconforming structure or use must result in the permanent change of the structure or use to a conforming use.
- 3.1.3 If such use is discontinued for twelve (12) consecutive months, any future use of the building and premises shall conform to this Regulation.
- 3.1.4 Uses or adjuncts thereof which are public nuisances shall not be permitted to continue as nonconforming uses. These shall include, but not be limited to, tents and makeshift structures, enclosures, or other shelters used for human habitation; except in locations expressly permitted by the local government (as defined in *Section 10, Definitions*) and having adequate sanitation facilities and flood evacuation plans (also as defined in *Section 10, Definitions*).
- 3.1.5 Any alteration, addition, or repair to any existing nonconforming structure shall be protected, where applicable, by floodproofing measures pursuant to *Section 7.44(1), Floodproofing*.

SECTION 4: THE FLOODPLAIN

- 4.1 Application: These provisions shall apply to all Floodplains of watercourses in MHFD, for which one-percent annual chance flood limits have been determined.
- 4.2 Description: The Floodplain shall include the areas so delineated on the maps and profiles for the one-percent annual chance flood limits along the watercourses adopted by the MHFD Board of Directors in accordance with *Section 2.7, Adoption of Floodplain Maps*, and subsequent map revisions approved and/or designated by FEMA or CWCB.
- 4.3 Special Provisions: The following regulations shall apply to all uses within the Floodplain, notwithstanding that such uses may be permitted under the terms of this Regulation.
 - 4.3.1 No new construction; substantial improvement; fill, including fill for roads and levees; deposit; obstruction (as herein defined); storage of materials, or other Floodplain uses shall be permitted that decreases the efficiency or the capacity of the Floodway, unless requirements of or comparable to those in 44 CFR. § 65.12 of the NFIP regulations have been met. This ensures that alternative options have been considered, documentation of individual legal notice to all impacted property owners is provided, and requires certification that no structures will be impacted by the rise in the one-percent annual chance water surface elevation profile.
 - 4.3.2 No Floodplain use shall adversely affect the efficiency of or unduly restrict the capacity of the channels or Floodways of any tributaries to the main stream, drainage ditches, or any other drainage facilities or systems, unless requirements of or comparable to those in 44 CFR. § 65.12 of the NFIP regulations have been met. This ensures that alternative options have been considered, documentation of individual legal notice to all impacted property owners is provided, and requires certification that no structures will be impacted by the rise in water surface elevation profile.
 - 4.3.3 All new construction and substantial improvements shall be anchored to prevent flotation, collapse, or lateral movement of the structure.

- 4.3.4 All new construction, substantial improvements, and utility equipment shall be constructed with materials resistant to flood damage. Flood-resistant material is defined in *Section 10, Definitions*.
- 4.3.5 All new construction or substantial improvements shall be constructed by methods and practices that minimize flood damage.
- 4.3.6 All new and replacement water supply systems shall be designed to minimize or eliminate infiltration of flood waters into the system; and all new and replacement sanitary sewage systems shall be designed to minimize or eliminate both infiltration of flood waters into the system and discharges from the system into flood waters.
- 4.3.7 Onsite waste disposal systems shall be located to avoid impairment to them or contamination from them during flooding.
- 4.3.8 Except as allowed under *Section 4.5.3*, mobile homes and recreational vehicles should not be placed in the Floodplain. Mobile homes and recreational vehicles already placed within the Floodplain shall be anchored to resist flotation, collapse, or lateral movement by providing over the top and frame ties to ground anchors. Specific requirements shall be that:
- (1) Over-the-top ties be provided at each of the four corners of the mobile home, with two additional ties per side at intermediate locations and mobile homes less than fifty feet long requiring one additional tie per side.
 - (2) Frame ties be provided at each corner of the home with five additional ties per side at intermediate points and mobile homes less than fifty feet long requiring four additional ties per side;
 - (3) All components of the anchoring system be capable of carrying a force of 4,800 pounds; and
 - (4) Any additions to the mobile home be similarly anchored.
- 4.3.9 Tents and makeshift structures, enclosures, or other shelters used for human habitation, shall not be permitted in the Floodplain, except in locations expressly permitted by the local government (as defined in *Section 10, Definitions*) and having adequate sanitation facilities and flood evacuation plans (also as defined in *Section 10, Definitions*).

4.4 Description of Uses

Permitted Uses: The following uses shall be permitted within the Floodplain to the extent that they are not prohibited in a particular area by any underlying county or city zoning ordinance or regulation.

- 4.4.1 Agricultural uses such as: general farming, livestock grazing, forestry, sod farming, and wild crop harvesting;
- 4.4.2 Industrial-commercial uses such as: loading areas, parking areas, airport landing strips, and temporary storage of equipment or machinery easily moved or not subject to flood damage;
- 4.4.3 Public and private recreational uses not requiring "permanent or temporary structures" designed for human habitation such as: parks, swimming areas, golf courses, picnic grounds, wildlife and nature preserves, fish hatcheries, hunting, fishing and hiking areas; and

4.4.4 Utility facilities such as: flowage areas, transmission lines, pipelines, water monitoring devices, roadways, and bridges.

4.5 Special Exceptions: Any use enumerated in *Subsections 4.51 through 4.55* may be permitted only upon the issuance of a special exception letter by the Floodplain Administrator as provided in *Section 7.4, Special Exceptions*.

4.5.1 Residential Construction. New construction or substantial improvement of any residential structure may be permitted only upon a finding by the Floodplain Administrator that the lowest floor, including basement, is to be elevated to or above the flood protection elevation (as defined in *Section 10, Definitions*). As a condition of such finding, such condition shall be certified by a Colorado-licensed professional engineer, architect, or land surveyor to the Floodplain Administrator. This includes structures placed on areas removed from the Floodplain by fill.

4.5.2 Nonresidential Construction. Critical facilities shall be regulated in accordance with *Section 6.3, Special Provisions*. New construction or substantial improvement of any other commercial, industrial or other nonresidential structure may be permitted only upon a finding by the Floodplain Administrator that the lowest floor, including basement, is to be elevated to or above the flood protection elevation or, together with attendant utility and sanitary facilities, is to be floodproofed so that below the flood protection elevation, the structure is water tight and contains adequate structural components having the capability of resisting hydrostatic and hydrodynamic loads and effects of buoyancy. This includes structures placed on areas removed from the Floodplain by fill. A Colorado-licensed professional engineer or architect shall certify to the Floodplain Administrator that the standards of this subsection are satisfied.

4.5.3 Mobile Homes. New mobile home parks and mobile home subdivisions, expansions of existing mobile home parks and mobile home subdivisions, and existing mobile home parks and mobile home subdivisions where the repair, reconstruction, or improvement of the street utilities and pads equals or exceeds 50 percent of the value of the streets, utilities and pads before the repair, reconstruction or improvement has commenced and for mobile home subdivision, may be permitted only upon a finding by the Floodplain Administrator that:

- a) Stands or lots will be elevated on compacted fill or on pilings so that the lowest floor of the mobile home will be elevated to or above the flood protection elevations; and
- b) Adequate surface drainage and access for a hauler will be provided.

This includes mobile home parks placed on areas removed from the Floodplain by fill.

4.5.4 Fills or Deposits of Materials. This may be permitted only upon a finding by the Floodplain Administrator that:

- (1) Any fill or deposit of materials will comply with the *Section 4.3, Special Provisions*;
- (2) The fill or deposit of materials will have some beneficial purpose and the amount thereof will not be greater than is necessary to achieve that purpose, as demonstrated by a plan submitted by the owner showing the final dimensions of the proposed fill or other material and the use to which the filled land will be put;
- (3) The fill or deposit of materials does not imprudently reduce the flood storage capacity of the waterway and the other requirements of this section are met; and

the fill or deposit of materials does not encroach on that portion of the Floodplain which would have significant flow during the flood, and which for that reason would help convey the flood waters. Any filling that reduces the hydraulic capacity requires appropriate hydraulic studies and a review of the impact of such reduction;

- (4) The fill or other materials will be protected against erosion in conformance with stabilization best management practices as described in the Urban Storm Drainage Criteria Manual; and
- (5) The fill or deposit of materials does not otherwise adversely impact upstream, downstream, and/or adjacent property owners.

4.5.5 Storage or Processing of Hazardous Materials. Materials that are buoyant, flammable, toxic, explosive, or in times of flooding, could be injurious to human, animal, or plant life, shall be at or above the flood protection elevation for the particular area. Solid waste disposal facilities, such as junkyards or areas for the dumping of refuse shall also require a permit from the Floodplain Administrator.

4.5.6 Uses Similar in Nature to Permitted Uses. These may also be allowed provided that they are consistent with the provisions of this Regulation.

SECTION 5: THE FLOODWAY

5.1 Application: *Section 4.1, Application, Floodplain*, shall also apply hereto.

5.2 Description: The Floodway shall include the areas so delineated on the maps and profiles for the one-percent annual chance flood limits along the watercourses adopted by the MHFD Board of Directors in accordance with *Section 2.7, Adoption of Floodplain Maps*, and subsequent map revisions approved and/or designated by FEMA or CWCBC.

5.3 Special Provisions: The following additional provisions shall apply to all uses within the Floodway.

5.3.1 No encroachments, including fill, new construction, substantial improvements, or other development shall be permitted within the Floodway that would result in any increase in flood levels during the occurrence of the one-percent annual chance flood unless requirements of or comparable to those in 44 CFR. § 65.12 of the NFIP regulations have been met. This ensures that alternative options have been considered, documentation of individual legal notice to all impacted property owners is provided, and requires certification that no structures will be impacted by the rise in water surface elevation profile.

5.3.2 No mobile homes or recreational vehicles shall be placed in the Floodway.

5.3.3 No buildings or structures designed or intended for human occupancy shall be placed in the Floodway.

5.3.4 No floatable or buoyant material, nor any material that could easily become dislodged and move downstream during a flood, shall be stored or placed in the Floodway.

5.3.5 No storage or processing of materials that are flammable, toxic, explosive, or in times of flooding, could be injurious to human, animal, or plant life, shall be stored or placed in the Floodway.

5.3.6 No solid waste disposal facilities, such as junkyards or areas for the dumping of refuse shall be placed in the Floodway.

- 5.4 Description of Uses: The uses that are permitted in *Section 4.4, Description of Uses, Floodplain*, are permitted, provided that such use does not include any filling or deposit of materials, and the capacity of the Floodway is left unimpaired.

SECTION 6: THE FLOOD FRINGE

- 6.1 Application: All provisions of *Section 4.1, Application, Floodplain*, shall also apply hereto.
- 6.2 Description: The Flood Fringe shall include the areas so delineated on the maps and profiles for the one-percent annual chance flood limits along the watercourses adopted by the MHFD Board of Directors in accordance with *Section 2.7, Adoption of Floodplain Maps*, and subsequent map revisions approved and/or designated by FEMA or CWCBC.
- 6.3 Special Provisions:
- 6.3.1 The provisions of *Sections 4.3 and 4.5* shall apply to all uses in the Flood Fringe.
- 6.3.2 Within shallow flooding areas, all new construction and substantial improvement of residential structures may be permitted only upon a finding of the Floodplain Administrator that the lowest floor, including basement, will be elevated one foot above the crown of the nearest street or one foot above the flood depth specified on the map, whichever is higher.
- 6.3.3 Within shallow flooding areas, all new construction and substantial improvement of nonresidential structures may be permitted only upon a finding of the Floodplain Administrator that the lowest floor, including basement, will be elevated one foot above the crown of the nearest street; or the highest adjacent grade of the structure will be one foot above the flood depth specified on the map, whichever is higher; or together with attendant utility and sanitary facilities, will be completely floodproofed to or above that level so that any space below that level is watertight and contains adequate structural components having the capability of resisting hydrostatic and hydrodynamic loads and effects of buoyancy.
- 6.3.4 All new critical facilities shall be located outside the Floodplain whenever possible.
- 6.3.5 All new critical facilities which are unable to be located outside the Floodplain, substantially improved critical facilities, and new additions to existing critical facilities in the Flood Fringe shall be elevated or floodproofed to at least one foot above the flood protection elevation.
- 6.3.6 New critical facilities shall, when practicable, have continuous non-inundated access (ingress and egress for evacuation and emergency services) during a one-percent annual chance flood event.

SECTION 7: ADMINISTRATION

- 7.1 Floodplain Administrator: The MHFD Executive Director is the Floodplain Administrator who shall administer the provisions of this Regulation.
- 7.2 Special Exception Letter: A special exception letter must be obtained from the Floodplain Administrator before any new land use not expressly allowed by this Regulation may be initiated.
- 7.3 Mapping Disputes: The following procedure shall be used by the Floodplain Administrator in deciding contested cases in which the location of a Floodplain boundary is disputed:
- 7.3.1 In all cases the person contesting the location of the Floodplain boundary shall be given the opportunity to submit technical evidence certified by a Colorado-licensed professional engineer that demonstrates the Floodplain is scientifically or technically incorrect, or that an

indisputable error has occurred. The Floodplain Administrator shall not allow deviations from the boundary line as mapped unless the evidence clearly and conclusively establishes that the mapped location of the line is incorrect.

7.3.2 The Floodplain Administrator shall render a written opinion within 30 days following receipt of the applicant's technical evidence setting forth the findings of fact and the reasons for the decision.

7.3.3 Contestants shall have the right to appeal such decisions to the MHFD Board of Directors. Such appeal must be made within 30 days.

7.4 Special Exceptions:

7.4.1 Application: Any use listed in this Regulation as requiring a special exception may be allowed only upon the issuance of a special exception letter by the Floodplain Administrator.

7.4.2 Procedure to be followed in Passing on Special Exception Letters: Pursuant to a Special Exception Letter Application the Floodplain Administrator may:

- (1) Require the applicant to submit, at the time of application, a geo-referenced topographic work map, certified by a Colorado-licensed engineer competent in open channel hydraulics. This work map shall show vertical datum, horizontal datum, and mapping projection used. This map shall be required to accurately locate the proposed Floodplain and/or Floodway boundaries with respect to the effective Floodplain and/or Floodway limits (as defined in *Section 2.7, Adoption of Floodplain Maps*), the pre-project or existing Floodplain and/or Floodway limits, channel of stream, and existing Floodplain development. This map shall further be required to include, as attachments, all other pertinent information such as the nature of the proposal; legal description of the property; fill limits and elevations; building floor elevations; and floodproofing measures, as applicable.
- (2) Require the applicant to furnish the following additional information, as deemed necessary by the Floodplain Administrator for the evaluation of the effects of the proposal under flood flows and Floodplain storage and to render a decision of the proposed Floodplain use:
 - (a) Cross-sections (as appropriate), showing the channel of the stream, the Floodplain and/or Floodway adjoining each side of channel, cross-sectional area to be occupied by the proposed development, and high water information.
 - (b) Plan (surface view), a geo-referenced map showing vertical datum, horizontal datum and mapping projection, elevations or contours of the existing and proposed ground; pertinent structure, fill or storage elevations; size, location and spatial arrangement of all proposed and existing structures on the site; location and elevations of streets, water supply, sanitary facilities, and soil types, water surface elevations, and other pertinent information.
 - (c) Profile (as appropriate), showing the slope of the bottom of the existing and proposed channel or thalweg of the stream and existing and proposed one-percent annual chance water surface profiles.

- (d) Specifications for building construction and materials, floodproofing, filling, dredging, grading, channel improvement, storage of materials, water supply, and sanitary facilities.
- (e) Hydrologic and Hydraulic Analyses and/or supplemental calculations for all proposed development within the Floodplain.

The Floodplain Administrator shall render, within 30 days of receipt of all necessary application documents and materials, a written decision granting or denying a permit application. If a denial is made, the decision shall set forth the Floodplain Administrator's findings of fact and reasons for the denial. Applicants shall have the right to appeal any adverse findings or decision to the MHFD Board of Directors. Such appeal must be made within 30 days.

7.4.3 Bases for the Floodplain Administrator's Determination: The determination of the Floodplain Administrator on each special exception letter application shall be based on the effects of the proposed land use with respect to the objectives and purposes of this Regulation.

7.4.4 Conditions Attached to Special Exception Letters: Upon consideration of the factors listed above and the purposes of this Regulation, the Floodplain Administrator may attach such conditions as he deems necessary in furthering the purposes of this Regulation. Such conditions may include specifications for, without limitation because of specific enumeration, modification of other waste disposal methods and facilities, landscaping, periods of operation, operational controls, sureties, deed restriction and adequate floodproofing, where applicable.

- (1) Floodproofing. Special exceptions requiring floodproofing measures such as the following shall be designed consistent with the flood protection elevation for the particular areas and flood velocities, forces and other factors associated with the flood protection elevation. Methods shall be in conformance with the latest FEMA guidance relative to floodproofing practices.

The Floodplain Administrator shall require that the applicant submit a plan or document certified by a Colorado-licensed professional engineer that the floodproofing measures are consistent with the flood protection elevation for the particular area.

- (a) Anchorage to resist flotation and lateral movement.
- (b) Installation of watertight doors, bulkheads, and shutters.
- (c) Reinforcement of walls to resist water pressures.
- (d) Use of paints, membranes, or mortars to reduce seepage of water through walls.
- (e) Addition of mass or weight to structures to resist flotation.
- (f) Installation of pumps to lower water levels in structures.
- (g) Construction of water supply and waste treatment systems to prevent the entrance of flood waters.
- (h) Pumping facilities for subsurface drainage systems for buildings to relieve external foundation wall and basement floor pressure.

- (i) Construction to resist rupture or collapse, caused by water pressure or floating debris.
- (j) Backflow prevention valves on sewer lines, or the elimination of gravity flow basement drains.

SECTION 8: ENFORCEMENT AND PENALTIES

- 8.1 Any structure, building, fill, or development placed or maintained within any Floodplain in violation of this Regulation is a public nuisance and the creation thereof may be enjoined and maintenance thereof may be abated by action at suit of the City, Town, or County in which it is located or by MHFD, or any citizen thereof. Any person who places or maintains any structure, building, fill, or development within any Floodplain in violation of this Regulation may be fined not more than \$500 for each offense. Each day during which such violation exists is a separate offense.

SECTION 9: AMENDMENTS

- 9.1 The MHFD Board of Directors may from time to time alter, supplement, or change the Floodplain, Floodway, and Flood Fringe boundaries and the provisions contained in this Regulation in the manner provided by law.
- 9.1.1 Amendments to this Regulation may be made on petition of any interested party in accordance with the provisions of the Colorado Revised Statutes.
 - 9.1.2 The subdivisions of the Floodplain into the Floodway and Flood Fringe will be made only by action of the MHFD Board of Directors.

SECTION 10: DEFINITIONS

Unless specifically defined below, words or phrases used in this Regulation shall be interpreted so as to give them the same meaning as they have at common law and to give this Regulation its most reasonable application.

- 10.1 **Channel**: That area of a watercourse where water normally flows and not that area beyond where vegetation exists.
- 10.2 **Critical Facility**: A structure or related infrastructure, but not the land on which it is situated, that if flooded may result in significant hazards to public health and safety or interrupt essential services and operations for the community at any time before, during, or after a flood. Typical critical facilities include hospitals, fire stations, police stations, storage of critical records, similar facilities, and all other facilities and uses identified in *Rule 6* of the Colorado Water Conservation Board's *Rules and Regulations for Regulatory Floodplains in Colorado*. These facilities should be given special consideration when formulating regulatory alternatives and floodplain management plans. A critical facility should not be located in a Floodplain if at all possible.
- 10.3 **Energy Grade Line**: The line representing the elevation of the potential energy for water flowing in a conduit or channel that is indicative of a change in how fast water is moving under given conditions.

- 10.4 Flood: A general and temporary condition of partial or complete inundation of normally dry land areas from (a) the overflow of streams, rivers, or other inland water, or (b) the unusual and rapid accumulation or runoff of surface waters from any source.
- 10.5 Flood Evacuation Plan: A document describing the procedures for evacuating an area inundated by a flood. Such document shall include, at a minimum:
- (a) Conditions that will activate the plan;
 - (b) Chain of command during a flood event;
 - (c) Emergency functions and who will perform them;
 - (d) Specific evacuation procedures, including routes and exits; and
 - (e) Procedures to account for personnel, customers, and visitors.
- 10.6 Flood Fringe: The Fringe portion of the Floodplain in which flows are characteristically of shallow depths and low velocities.
- 10.7 Flood Profile: A graph or a longitudinal profile showing the relationship of the water surface elevation of a flood event to the location along a stream or river.
- 10.8 Flood Protection Elevation: An elevation one foot above the elevation of the one-percent annual chance flood under existing channel and Floodplain conditions. It is one foot above the elevation of the Floodplain, as shown on the floodplain maps in the office of the Floodplain Administrator, and at www.mhfd.org.
- 10.9 Flood-Resistant Material: Flood-resistant material includes any building product capable of withstanding direct and prolonged contact with floodwaters without sustaining significant damage. Prolonged contact means at least 72 hours. Significant damage is any damage requiring more than low-cost cosmetic repair (such as painting).
- 10.10 Floodplain: An area both including and adjacent to a watercourse, which area is subject to flooding as the result of the occurrence of the one-percent annual chance flood and which area is so adverse to past, current, or foreseeable construction or land use as to constitute a significant hazard to public health and safety or to property. The Floodplain may be further subdivided into the Floodway and the Flood Fringe.
- The term includes, but is not limited to:
- (a) Mainstream Floodplains;
 - (b) Debris-fan Floodplains; and
 - (c) Dry wash channels and dry wash Floodplains.
- 10.11 Floodplain Administrator: That individual appointed by the MHFD Board of Directors to administer the provisions of these Regulations. MHFD Resolution No. 5, series of 1979, designates the MHFD Executive Director as the Floodplain Administrator.
- 10.12 Floodplain Maps: Those maps that accurately indicate the boundaries of the Floodplain.
- 10.13 Floodproofing: A combination of structural provisions, changes, or adjustments to properties and structures subject to flooding primarily for the reduction or elimination of flood damages to properties, water and sanitary facilities, structures, and contents of buildings in a flood hazard area.

- 10.14 Floodway: That portion of the Floodplain required for the reasonable passage or conveyance of the one-percent annual chance flood which is characterized by hazardous and significant depths and velocities. The Floodway limits are based on the cumulative encroachment into the Floodplain resulting in a maximum water surface increase of one-half foot (unless the requirements of *Section 2.3, Floodplain Components* are met).
- 10.15 Individual Legal Notice: Public notice distributed by MHFD to all affected property owners by publication in a newspaper of general circulation within the boundaries of MHFD and by mailing an individual notice to each affected property owner.
- 10.16 Local Government: The town, city, county, or city and county having regulatory police power over the use of property covered by this Regulation.
- 10.17 Obstruction: Sandbars formed by the natural flow of a watercourse, temporary structures, planks, snags, and debris, in and along an existing channel, which cause a flood hazard.
- 10.18 Occupancy: The use or possession of a building by humans for purposes including, but not limited to, residential, office, hospital, or commercial.
- 10.19 One-Percent Annual Chance Flood: Also known as the one-percent annual exceedance probability flood and more colloquially as the 100-year flood, a flooding event of this magnitude has a one-percent chance of occurring in any given year, giving it an average return period (recurrence interval) of one hundred years, as determined from an analysis of floods on a particular watercourse and other watercourses in the same general region.
- 10.20 Public Nuisance: A public nuisance is defined as an act or omission that has the potential to affect the health, safety, welfare, and/or comfort of the general public.
- 10.21 Reach: A hydraulic engineering term to describe longitudinal segments of a stream or river.
- 10.22 Shallow Flooding Area: An area subject to inundation by the one-percent annual chance flood with average depths of less than three feet, and not typically related to the flood profile. These are areas where no clearly defined channel exists, where the path of flooding is indeterminate, but where conveyance may be evident.
- 10.23 Storage Capacity of a Floodplain: The volume of space above an area of floodplain land that can be occupied by flood water of a given stage at a given time, regardless of whether the water is moving. Storage capacity tends to reduce downstream flood peaks.
- 10.24 Structure: Anything constructed or erected, the use of which required a more or less permanent location on or in the ground. Includes, but is not limited to, walled and roofed buildings (including gas or liquid storage tanks), that are principally above ground, as well as a manufactured homes. The terms "structure" and "building" are interchangeable for the purposes of this Floodplain Regulation.
- 10.25 Structure, Permanent: A structure which is built of such materials and in such a way that it would commonly be expected to last and remain useful for a substantial period of time.
- 10.26 Structure, Temporary: A structure which is built of such materials and in such a way that it would commonly be expected to have a relatively short useful life, or is built for a purpose that would commonly be expected to be relatively short-term.
- 10.27 Substantial Improvement: Any repair, reconstruction, or improvement of a structure, the cost of which equals or exceeds fifty (50) percent of the actual cash value of the structure either (a) before the improvement has started, or (b) if the structure has been damaged and is being restored, before

the damage occurred. Substantial improvement is started when the first alteration of any structural part of the building commences and is cumulative over a ten (10) year period.

- 10.28 Watercourse: A channel, natural depression, slough, artificial channel, gulch, arroyo, stream, creek, pond, reservoir, or lake in which storm runoff and flood water flows either regularly or infrequently. This includes major drainageways for carrying urban storm runoff.

(SEAL)

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT
Date: _____

ATTEST:

Secretary

Chairperson

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 67, SERIES OF 2019
(Policy Regarding Preservation of Floodways and Floodplains
and the Purchase of Land for Future Improvements)

WHEREAS, the Colorado General Assembly authorized the District to levy up to four-tenths (0.4) mill for the maintenance and preservation of floodplains and floodways within the District; and

WHEREAS, acquisition is needed in some cases to effect the maintenance and preservation of floodplains and floodways and also to reserve land for future drainage and flood mitigation improvements; and

WHEREAS, funds have been budgeted on an annual basis for the purpose of floodplain and floodway preservation through acquisition; and

WHEREAS, many properties have been acquired by the District for the purpose of preservation and for future drainage and flood mitigation improvements; and

WHEREAS, it is anticipated that the need for the capability to acquire floodplain and floodway lands for maintenance and preservation purposes and to reserve land for future drainage and flood mitigation improvements will continue; and

WHEREAS, the District established a Preservation of Floodways and Floodplains Policy (Resolution No. 70, Series of 1989, as amended by Resolution No. 62, Series of 1990 and Resolution No. 10, Series of 1994); and

WHEREAS, the District established a Preservation Fund (Resolution No. 63, Series of 1991, as amended by Resolution No. 13, Series of 2001 and Resolution No. 26, Series of 2008); and

WHEREAS, the amendments to these resolutions have resulted in ambiguities, conflicting statements and implementation problems; and

WHEREAS, the funding level is currently set to its original 1991 level of \$500,000, while the regional housing cost index suggests average property values have increased more than four-fold since 1991; and

WHEREAS, the Board desires to set aside a restricted fund balance for this use that is approximately 3% of the District's annual revenue (anticipated to be approximately \$2,000,000 in 2020), while simultaneously reducing the District's annual unrestricted fund reserve balance goal from 6% to 3% so as to maintain a balance across both reserves of approximately 6%; and

WHEREAS, the Board additionally desires to repeal Resolution No. 70, Series of 1989 (as amended), and Resolution No. 63, Series of 1991 (as amended); replacing both resolutions with this Resolution No. 67, Series of 2019.

NOW, THEREFORE, BE IT RESOLVED THAT:

The Board of Directors hereby repeals Resolution No. 70, Series of 1989, Resolution No. 62, Series of 1990, Resolution No. 10, Series of 1994, Resolution No. 63, Series of 1991, Resolution No. 13, Series of 2001 and Resolution No. 26, Series of 2008, and adopts the following policy relating to the preservation of floodplains and floodways, the acquisition of land needed for future drainage and flood mitigation improvements, and the funding of these efforts:

1. Each proposed property acquisition must be approved by the Board of Directors by resolution.
2. Land acquisitions shall be funded from a Property Acquisition Fund Reserve, a restricted fund balance in the Special Revenue – Maintenance Fund.

3. The Executive Director shall administer the Property Acquisition Fund Reserve with the goal of expenditures in each county being pro rata to the District's revenue share from that county over the history of the program, but not annually. The Executive Director shall report on the progress of balancing the expenditures pro rata to each county to the Board on an annual basis.
4. After the program has been in effect for ten years, the Executive Director shall, for any County not receiving approximately their pro rata share of expenditures, and upon request, transfer whatever monies necessary to restore pro rata equity from the Reserve into the District's Maintenance Program for that County.
5. Each time a property acquisition is brought before the Board of Directors for approval, the Executive Director shall inform the Board of the cumulative totals of revenues and expenditures for each county.
6. If it becomes apparent that certain counties are not benefitting from the Property Acquisition Fund Reserve, the Executive Director shall compensate by refunding monies from the Reserve into those counties' maintenance budgets and shall report that action to the Board of Directors.
7. The Property Acquisition Fund Reserve shall have a budgetary goal of 3% of the District's annual revenues. When depleted through the purchase of property, the Property Acquisition Fund Reserve shall be replenished with monies from the Special Revenue – Maintenance Fund, but it shall not be required that the Property Acquisition Fund Reserve be fully replenished in a single fiscal year.
8. If deemed necessary, the Property Acquisition Fund Reserve may additionally be used to replenish the TABOR Emergency Reserve following a TABOR Emergency declared in accordance with Resolution No. 37, Series of 2017.
9. Monies in the Property Acquisition Fund Reserve shall count toward the District's goal of a 6% combined restricted and unrestricted reserve fund balance across all four governmental funds, excluding the TABOR Emergency Reserve.
10. Property Acquisition funds may be used for the following purposes only when other existing methods of preserving the floodplain or floodway, such as floodplain regulations, subdivision regulations, public land dedication requirements, etc., have been exhausted:
 - a. As a last resort to prevent unsafe development from occurring in floodplains and floodways;
 - b. To preserve right-of-way for future drainage and flood mitigation improvements identified in master plans when the right-of-way is in danger of being developed, which could greatly increase future acquisition and/or construction costs;
 - c. To prevent unsafe development downstream of detention facilities;
 - d. To purchase severely damaged properties after flooding as a part of a planned recovery effort;
 - e. To preserve channel and floodplain storage when called for in a master plan;
 - f. When available for purchase from a willing seller, to acquire property and remove structures from the floodplain or floodway when called for in a master plan or final design;
 - g. To obtain right-of-way necessary to perform maintenance of floodplains and floodways;
 - h. To preserve flood routing capabilities of inadvertent detention facilities when agreement for such preservation has been made between the District and the affected local governments;
 - i. To purchase properties in imminent danger of flood or flood-related damage; and
 - j. Other similar purposes where preservation is in the best interests of the goals and objectives of the District.

11. When the Property Acquisition Fund Reserve is used to preserve right-of-way for a future flood mitigation project listed in the current five-year capital improvement program, that project may be required to reimburse the Property Acquisition Fund Reserve when the project commences, subject to a decision by the Board.
12. The Property Acquisition Fund Reserve may also be used to acquire undeveloped floodplains in order to preserve them in their natural state. For such acquisitions, District may contribute funds in an amount up to the lesser cost of 100% of the delineated floodplain portion of the property, or 50% of the entire property.
13. Property acquired for purposes other than future construction right-of-way shall be utilized in a manner beneficial to the public and consistent with the flood hazard. Such uses include recreation and open space. The District will attempt to work with appropriate agencies, such as parks and recreation departments and districts to provide for beneficial utilization of the acquisitions.
14. District will work with each local government to:
 - a. Identify properties for acquisition,
 - b. Determine market value,
 - c. Perform environmental assessments where applicable, and
 - d. Negotiate conditions of sale.
15. The local government having jurisdiction shall own any property acquired under this policy either in fee or non-revocable easement and shall be responsible for same.
16. For each property to be acquired under this policy, the District will enter into an agreement with the local government having jurisdiction to ensure that the property shall not be used for any purpose that will diminish or preclude its use for drainage and flood mitigation purposes, and to ensure that the local government having jurisdiction shall not dispose of or change the use of the property without approval of the District.

(SEAL)

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 68, SERIES OF 2019
(Adoption of Floodplain Map for Sloan's Lake Drainageway and Tributaries)

WHEREAS, the Board of Directors adopted a Floodplain Regulation (Resolution No. 11, Series of 1970); and

WHEREAS, the Board of Directors amended the Floodplain Regulation (Resolution No. 26, Series of 1974; Resolution No. 2, Series of 1979; Resolution No. 2, Series of 1980; Resolution No. 53, Series of 2013); and

WHEREAS, floodplain maps for Sloan's Lake Drainageway and tributaries have been prepared by the District, but not yet adopted by the Board pursuant to a public hearing (Exhibit A); and

WHEREAS, the Floodplain Regulation is only applicable for those floodplain maps adopted by the Board of Directors after a public hearing as required by Section 32-11-218(1)(f)(II), C.R.S. 1973, as amended; and

WHEREAS, a public hearing duly noticed was held on October 17, 2019.

NOW, THEREFORE, BE IT RESOLVED THAT:

The Board of Directors of the Urban Drainage and Flood Control District d/b/a Mile High Flood District hereby adopts the maps and profiles contained in the following engineering report as Flood Regulatory Districts and further subdivides the Flood Regulatory Districts into Floodway Districts and Flood Storage Districts by adopting all floodplain and floodway tables contained in the report and referenced below:

1. "Flood Hazard Area Delineation Sloan's Lake Drainageway and Tributaries," (July 2018); in the City and County of Denver, City of Lakewood, City of Wheat Ridge, and City of Edgewater in Jefferson County, Colorado; by Matrix Design Group, Inc., including Appendix D, Floodplain and Floodway Data Table".

These maps, profiles, and tables supersede any previously adopted maps, profiles, and tables for the same areas.

(SEAL)

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 68, SERIES OF 2019
(Adoption of Floodplain Map for Sloan's Lake Drainageway and Tributaries)

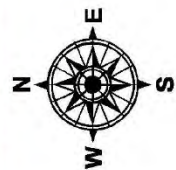
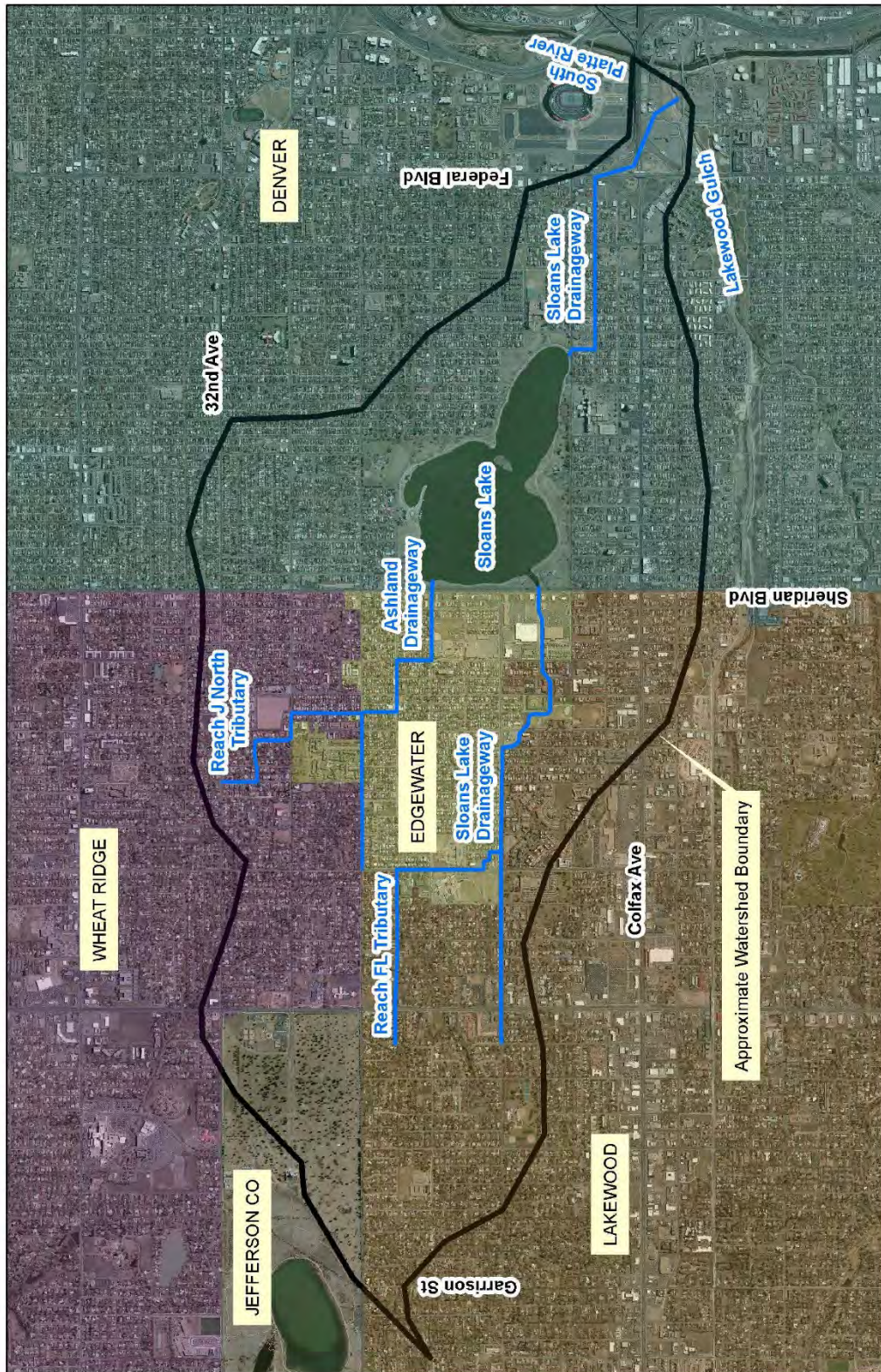


EXHIBIT A
Sloan's Lake Basin MDP & FHAD
Approximate Study Limits
November 2015

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 69, SERIES OF 2019
(Authorization to Participate in a Planning Study of Henderson Creek and Tributaries)

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, Commerce City and Adams County have enacted floodplain regulations; and

WHEREAS, the Board has previously established a Work Program for 2019 (Resolution No. 66, Series of 2018) which includes master planning; and

WHEREAS, the Board previously cooperated with Commerce City and Adams County in the preparation of "Second Creek and Direct Flow Area 0053 Outfall Planning Study," dated May 1990; and

WHEREAS, Commerce City and Adams County have expressed a desire to participate in a study leading to a major drainageway plan for Henderson Creek and tributaries; and

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

WHEREAS, the initial cost of engineering and mapping services for the study is estimated to be \$75,000 and is expected to be divided among participating entities as follows:

Sponsor	Master Plan Contribution
MHFD	\$25,000
Commerce City	\$50,000
TOTAL	\$75,000

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director of the Urban Drainage and Flood Control District d/b/a Mile High Flood District is authorized to execute an agreement with Commerce City to fund the required engineering and mapping services for the Henderson Creek and Tributaries planning study.
2. The Executive Director is authorized to enter into agreements with qualified engineers, surveyors, and others as necessary for preparation of the study.
3. The initial expenditures for the engineering and mapping services are estimated to be \$75,000 and the District's share of total costs shall not exceed \$25,000 plus interest earned on monies deposited in the project fund, which contribution for the planning portion of this project shall be at least matched by Commerce City.

(SEAL)

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 69, SERIES OF 2019
(Authorization to Participate in a Planning Study of Henderson Creek and Tributaries)

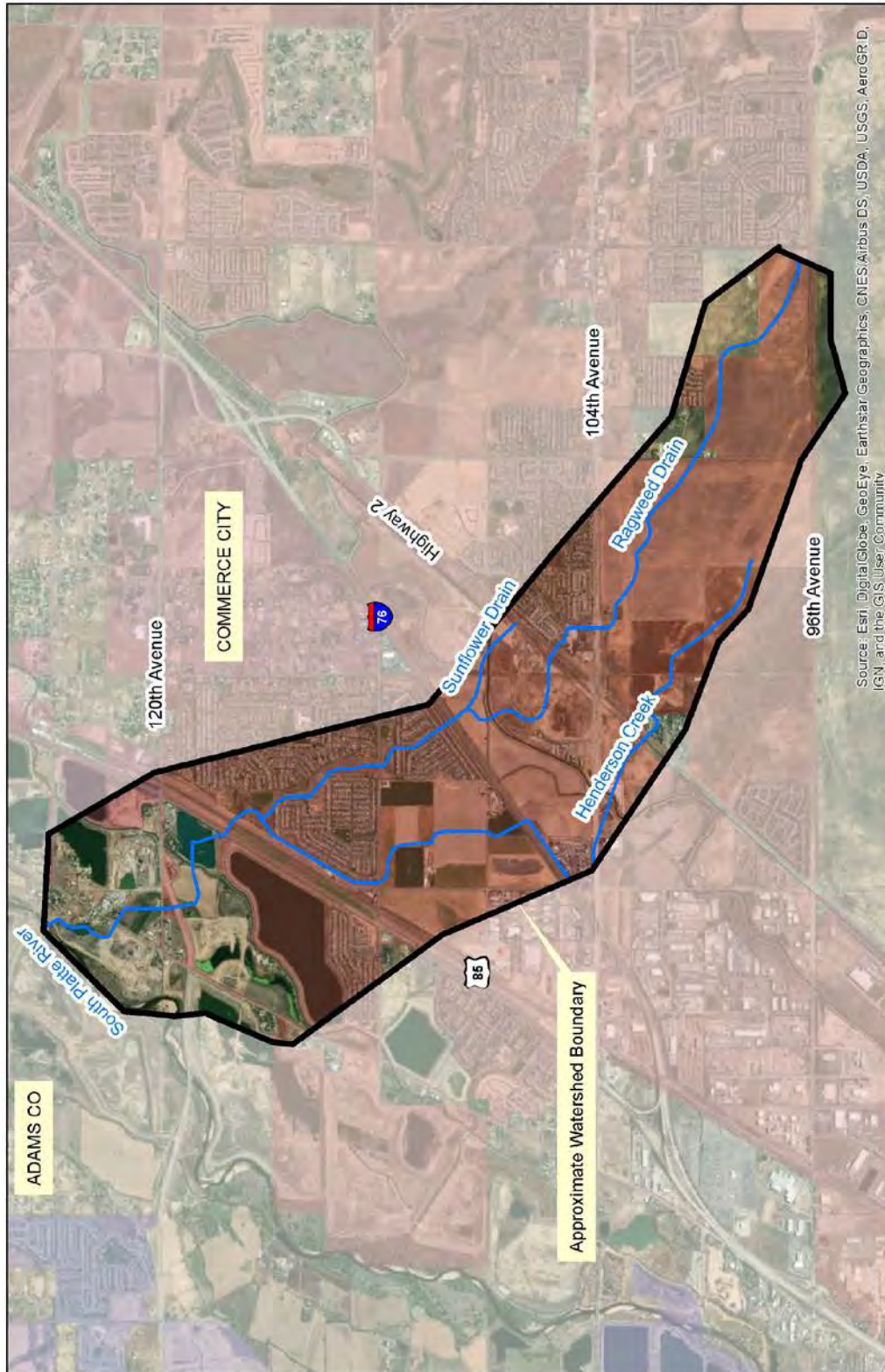


EXHIBIT A
Henderson Creek and Tributaries MDP
Approximate Study Limits
September 2019

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 70, SERIES OF 2019
(Authorization to Participate in Drainage and Flood Control Improvements
on Clear Creek at Burlington Northern Santa Fe Railway [BNSF] Crossing
Between Pecos Street and Federal Boulevard, 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, Phase B Conceptual Preliminary Design for Clear Creek," dated October 2008; which recommends improvements on Clear Creek at Burlington Northern Santa Fe Railway (BNSF) Crossing between Pecos Street and Federal Boulevard; and

WHEREAS, Adams County has requested District participation in the design, acquisition of right-of-way, and construction of improvements to the Clear Creek at BNSF Crossing between Pecos Street and Federal Boulevard (Exhibit A); and

WHEREAS, Adams County previously contributed \$750,000 for the design, acquisition of right-of-way, and construction of improvements to the Clear Creek at BNSF Crossing between Pecos Street and Federal Boulevard project; and

WHEREAS, the District's participation being authorized by this resolution is \$125,000 to be at least matched by Adams County; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019, which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements along Clear Creek at BNSF Crossing between Pecos Street and Federal Boulevard; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for the improvements along Clear Creek at BNSF Crossing between Pecos Street and Federal Boulevard.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director of the Urban Drainage and Flood Control District d/b/a Mile High Flood District is authorized to execute the necessary agreements with Adams County for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Clear Creek at Burlington Northern Santa Fe Railway (BNSF) Crossing between Pecos Street and Federal Boulevard.
2. The Executive Director is authorized to enter into agreements 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 Clear Creek at BNSF Crossing between Pecos Street and Federal Boulevard.
3. The District's maximum contribution to the Clear Creek at BNSF Crossing between Pecos Street and Federal Boulevard project, without prior approval of the Board, shall be \$125,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Adams County.

4. Such approval for expenditure of District funds is contingent upon Adams County agreeing to regulate and control any defined floodplain in the Clear Creek at BNSF Crossing between Pecos Street and Federal 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)

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 70, SERIES OF 2019
(Authorization to Participate in Drainage and Flood Control Improvements
on Clear Creek at Burlington Northern Santa Fe Railway [BNSF] Crossing
Between Pecos Street and Federal Boulevard, Adams County)

EXHIBIT A



URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 71, SERIES OF 2019
(Authorization to Participate in Drainage and Flood Control Improvements
on Little Willow Creek at Roxborough Road, Douglas County)

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

WHEREAS, Douglas County has enacted floodplain regulations; and

WHEREAS, Douglas County and the District cooperated in the preparation of "Willow Creek, Little Willow Creek, and East Willow Creek Watersheds Outfall Systems Plan, Preliminary Design Report," dated December 1998; which recommends improvements on Little Willow Creek at Roxborough Road; and

WHEREAS, Douglas County has requested District participation in the design and construction of improvements to Little Willow Creek at Roxborough Road (Exhibit A); and

WHEREAS, Douglas County has estimated the initial project costs to be \$50,000; and

WHEREAS, the District's participation being authorized by this resolution is \$25,000 to be at least matched by Douglas County; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019, which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements along Little Willow Creek at Roxborough Road; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for improvements along Little Willow Creek at Roxborough Road.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with Douglas County for the design and construction of drainage and flood control improvements on Little Willow Creek at Roxborough Road.
2. The Executive Director is authorized to enter into agreements 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 Little Willow Creek at Roxborough Road.
3. The District's maximum contribution to the Little Willow Creek at Roxborough Road project, without prior approval of the Board, shall be \$25,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Douglas County.
4. Such approval for expenditure of District funds is contingent upon Douglas County agreeing to regulate and control any defined floodplain in the Little Willow Creek at Roxborough Road project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.

(SEAL)

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

Date: _____

ATTEST:

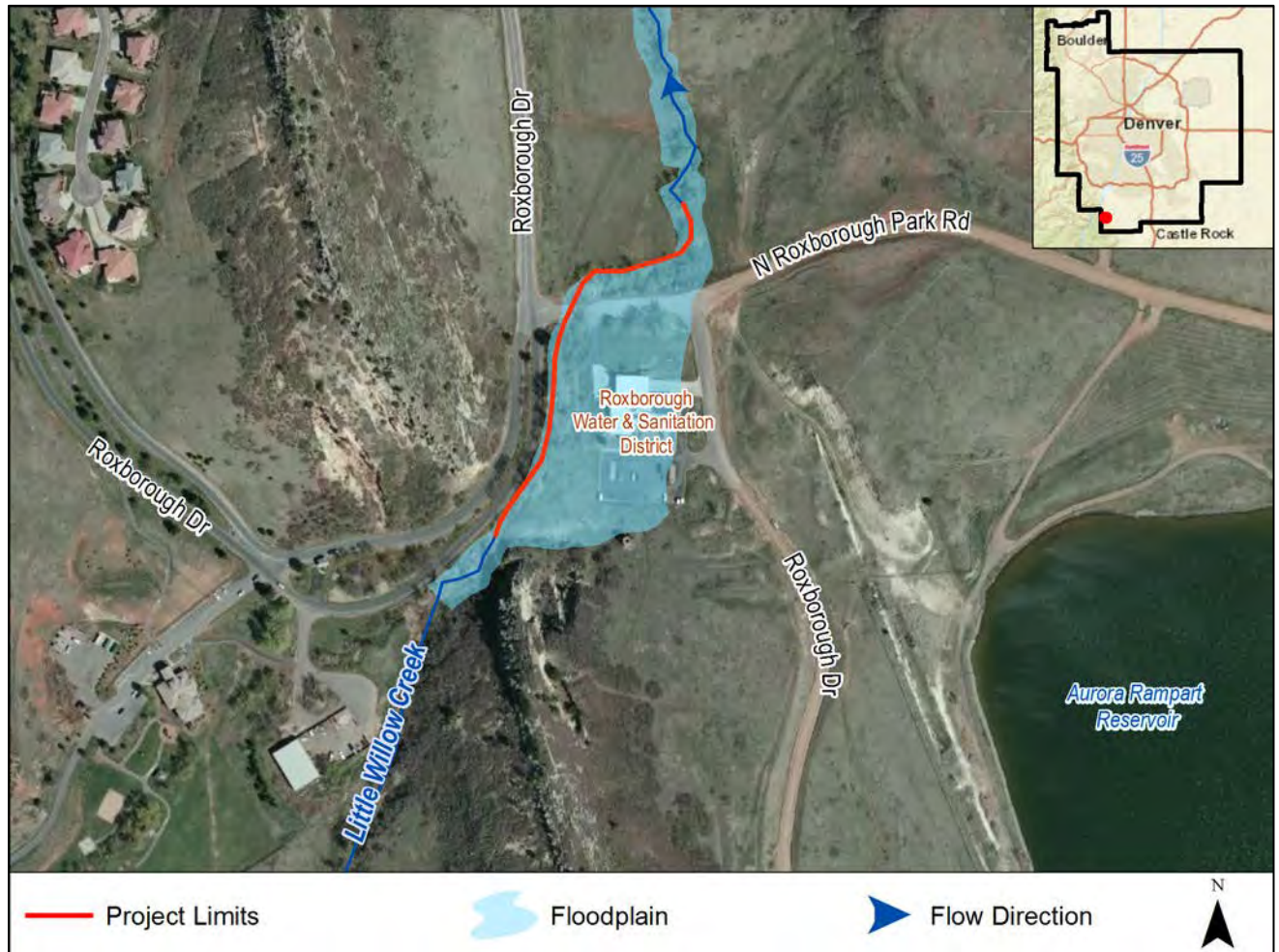
Secretary

Chairperson

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 71, SERIES OF 2019
(Authorization to Participate in Drainage and Flood Control Improvements
on Little Willow Creek at Roxborough Road, Douglas County)

EXHIBIT A



URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 72, SERIES OF 2019
(Authorization to Participate in Drainage and Flood Control Improvements
on Stroh Gulch Upstream of French Creek Avenue,
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 "Oak Gulch and Stroh Ranch Area Outfall Systems Planning Preliminary Design Report," dated February 2003; which recommends improvements on Stroh Gulch upstream of French Creek Avenue; and

WHEREAS, the Town of Parker and North Parker Investments, LLC have requested that the District manage the design and construction of improvements required by the Town of Parker as a result of a development in lieu of North Parker Investments, LLC designing and constructing those improvements along Stroh Gulch upstream of French Creek Avenue (Exhibit A); and

WHEREAS, preliminary project costs are estimated to be \$90,000; and

WHEREAS, the District established a water activity enterprise known as the Development Services Enterprise (DSE) (Resolution No. 38, Series of 2017) which allows the District to collect design, construction, and administration fees from North Parker Investments, LLC to manage the design and construction of drainage and flood control improvements along Stroh Gulch upstream of French Creek Avenue; and

WHEREAS, expenditures in 2019 from the DSE have been budgeted (Resolution No. 64, Series of 2018).

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director of the Urban Drainage and Flood Control District d/b/a Mile High Flood District is authorized to execute the necessary agreements with North Parker Investments, LLC for the design and construction of drainage and flood control improvements on Stroh Gulch upstream of French Creek Avenue.
2. The District is authorized to collect, from North Parker Investments, LLC, sufficient fees to cover the cost of the preliminary design, the final design, and construction of the improvements, plus the District's administrative fee and to deposit those fees in a project-specific account in a separate Development Services Enterprise (DSE) fund which shall be set apart from all other funds of the District
3. The Executive Director is authorized to enter into agreements with qualified engineers, qualified contractors, and others as necessary for the design and construction of drainage and flood control improvements on Stroh Gulch upstream of French Creek Avenue.

(SEAL)

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

Date: _____

ATTEST:

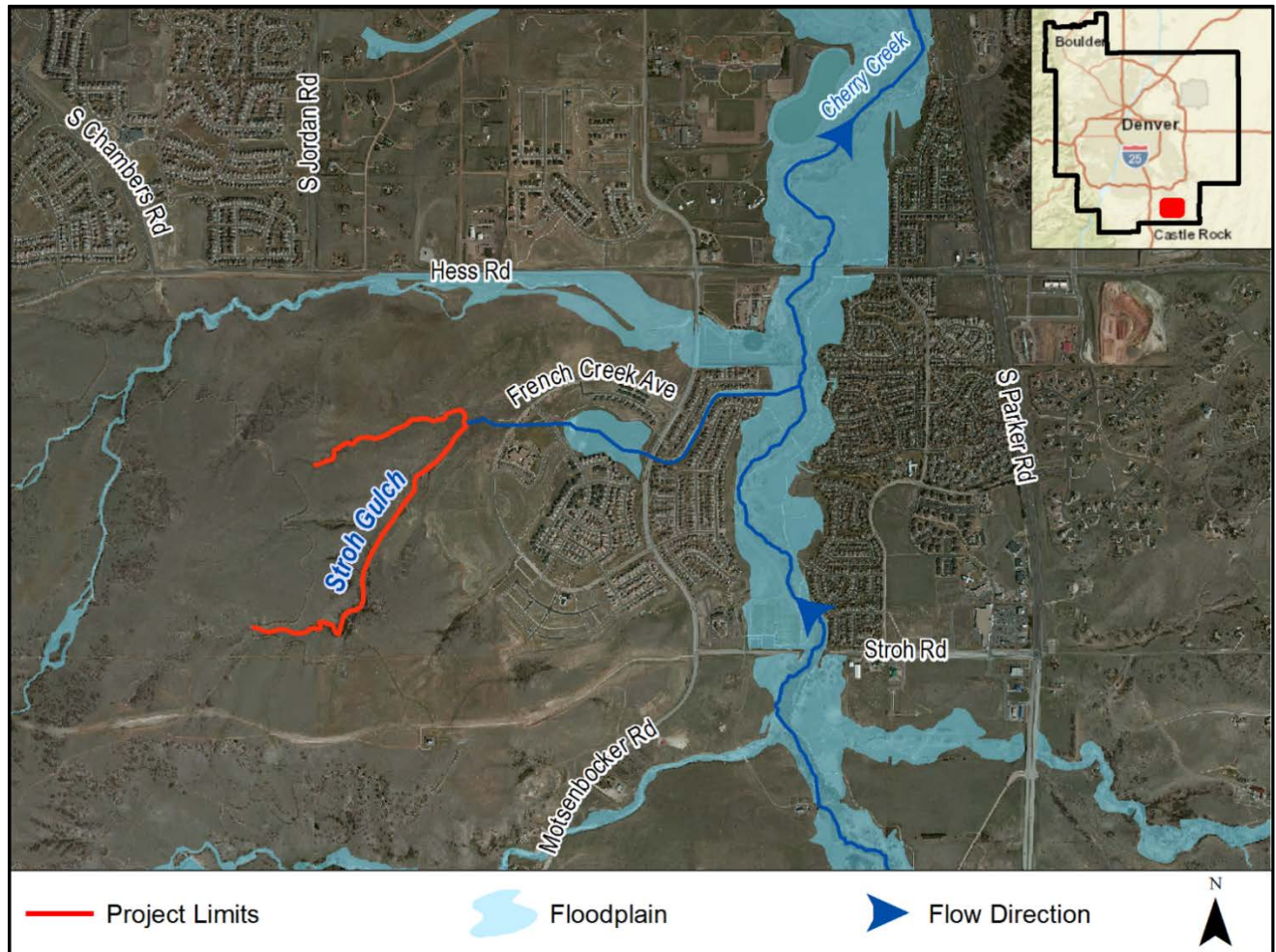
Secretary

Chairperson

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 72, SERIES OF 2019
(Authorization to Participate in Drainage and Flood Control Improvements
on Stroh Gulch Upstream of French Creek Avenue,
Town of Parker, Douglas County)

EXHIBIT A



URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 73, SERIES OF 2019
(Authorization to Participate in Drainage and Flood Control Improvements
on Second Creek from I-76 to 112th Avenue, Commerce City, 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, Commerce City has enacted floodplain regulations; and

WHEREAS, Commerce City and the District cooperated in the preparation of "Second Creek Major Drainageway Plan Alternatives Analysis," dated January 2019; which recommends improvements on Second Creek from I-76 to 112th Avenue; and

WHEREAS, Commerce City has requested District participation in the design, acquisition of right-of-way, and construction of improvements to the Second Creek from I-76 to 112th Avenue project (Exhibit A); and

WHEREAS, Commerce City has estimated the initial project costs to be \$20,000,000; and

WHEREAS, the District's participation being authorized by this resolution is \$250,000 to be at least matched by Commerce City; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019, which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements along Second Creek from I-76 to 112th Avenue; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for the improvements along Second Creek from I-76 to 112th Avenue.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director of the Urban Drainage and Flood Control District d/b/a Mile High Flood District is authorized to execute the necessary agreements with Commerce City for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Second Creek from I-76 to 112th Avenue.
2. The Executive Director is authorized to enter into agreements 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 Second Creek from I-76 to 112th Avenue.
3. The District's maximum contribution to the Second Creek from I-76 to 112th Avenue project, without prior approval of the Board, shall be \$250,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Commerce City.
4. Such approval for expenditure of District funds is contingent upon Commerce City agreeing to regulate and control any defined floodplain in the Second Creek from I-76 to 112th 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)

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

Date: _____

ATTEST:

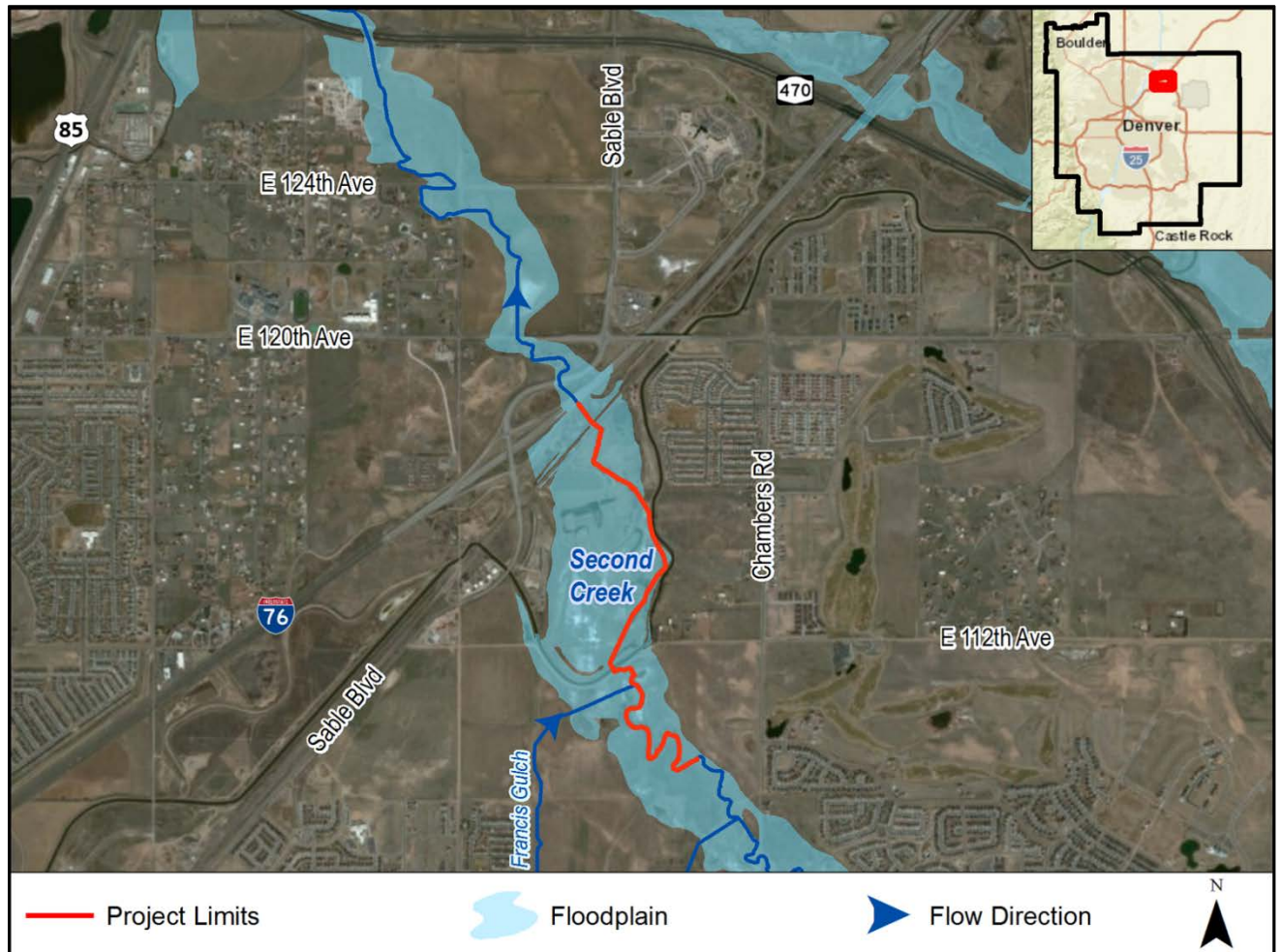
Secretary

Chairperson

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 73, SERIES OF 2019
(Authorization to Participate in Drainage and Flood Control Improvements
on Second Creek from I-76 to 112th Avenue, Commerce City, Adams County)

EXHIBIT A



URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 74, SERIES OF 2019
(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Leyden Creek from Indiana Street to 72nd Avenue, City of Arvada, 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 Arvada has enacted floodplain regulations; and

WHEREAS, the City of Arvada and the District cooperated in the preparation of "Leyden Creek Major Drainage Plan," dated October 2015; and

WHEREAS, the Board previously authorized \$450,000 for the Leyden Creek from Indiana Street to 72nd Avenue project (Table 1); and

Table 1
Leyden Creek from Indiana Street to 72nd Avenue
Previous Authorizations

Resolution No.	Series of	District Authorization	Local Share	Work Elements
43	2014	\$400,000	\$400,000	Design, Right-of-Way Purchases, and Construction Funding
26	2018	\$50,000	\$50,000	Construction Funding
TOTAL		\$450,000	\$450,000	

WHEREAS, the City of Arvada and the District now desire to construct improvements along Leyden Creek from Indiana Street to 72nd Avenue (Exhibit A); and

WHEREAS, the District's additional participation being authorized by this resolution is \$350,000 to be at least matched by the City of Arvada; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019 which includes funds for construction of drainage and flood control improvements along Leyden Creek from Indiana Street to 72nd Avenue; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for the improvements along Leyden Creek from Indiana Street to 72nd Avenue.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 43, Series of 2014, Paragraph 3, is further amended as follows:
"The District's maximum contribution to the Leyden Creek from Indiana Street to 72nd Avenue project without prior approval of the Board shall be ~~\$450,000~~ **\$800,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Arvada."
2. All other conditions and authorizations remain as stated in Resolution No. 43, Series of 2014.

(SEAL)

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

Date: _____

ATTEST:

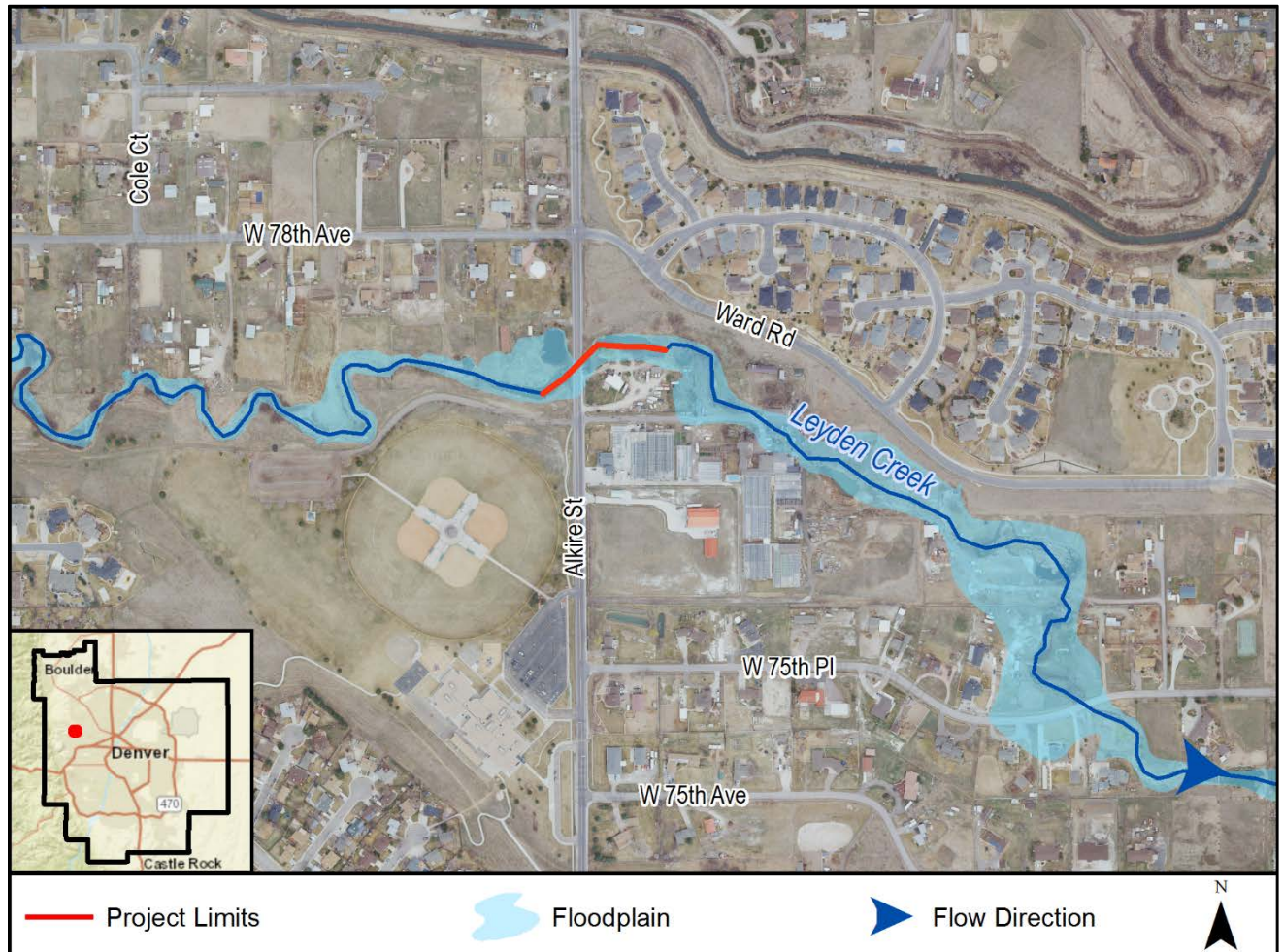
Secretary

Chairperson

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 74, SERIES OF 2019
(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Leyden Creek from Indiana Street to 72nd Avenue, City of Arvada, Jefferson County)

EXHIBIT A



URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 75, SERIES OF 2019
(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Bullhead Gulch at Burlington Northern Santa Fe Railway [BNSF] Railroad Crossing,
City of Louisville, Boulder County)

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

WHEREAS, the City of Louisville has enacted floodplain regulations; and

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

WHEREAS, the Board previously authorized \$100,000 for the Bullhead Gulch at Burlington Northern Santa Fe Railway (BNSF) Railroad Crossing project (Table 1); and

Table 1
Bullhead Gulch at BNSF Railroad Crossing
Previous Authorizations

Resolution No.	Series of	District Authorization	Local Share	Work Elements
35	2016	\$0	\$186,500	Design
14	2017	\$100,000	\$150,000	Design, Right-of-Way Purchases, and Construction Funding
N/A	2018	\$0	\$300,000	Design, Right-of-Way Purchases, and Construction Funding
TOTAL		\$100,000	\$636,500	

WHEREAS, the City of Louisville and the District now desire to construct improvements along Bullhead Gulch at BNSF Railroad Crossing (Exhibit A); and

WHEREAS, the District's additional participation being authorized by this resolution is \$400,000 to be at least matched by the City of Louisville; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019 which includes funds for construction of drainage and flood control improvements along Bullhead Gulch at BNSF Railroad Crossing; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for the improvements along Bullhead Gulch at BNSF Railroad Crossing.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 35, Series of 2016, Paragraph 3, is further amended as follows:
"The District's maximum contribution to the Bullhead Gulch at Burlington Northern Santa Fe Railway (BNSF) Railroad Crossing project without prior approval of the Board shall be ~~\$100,000~~ **\$500,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Louisville."
2. All other conditions and authorizations remain as stated in Resolution No. 35, Series of 2016.

(SEAL)

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

Date: _____

ATTEST:

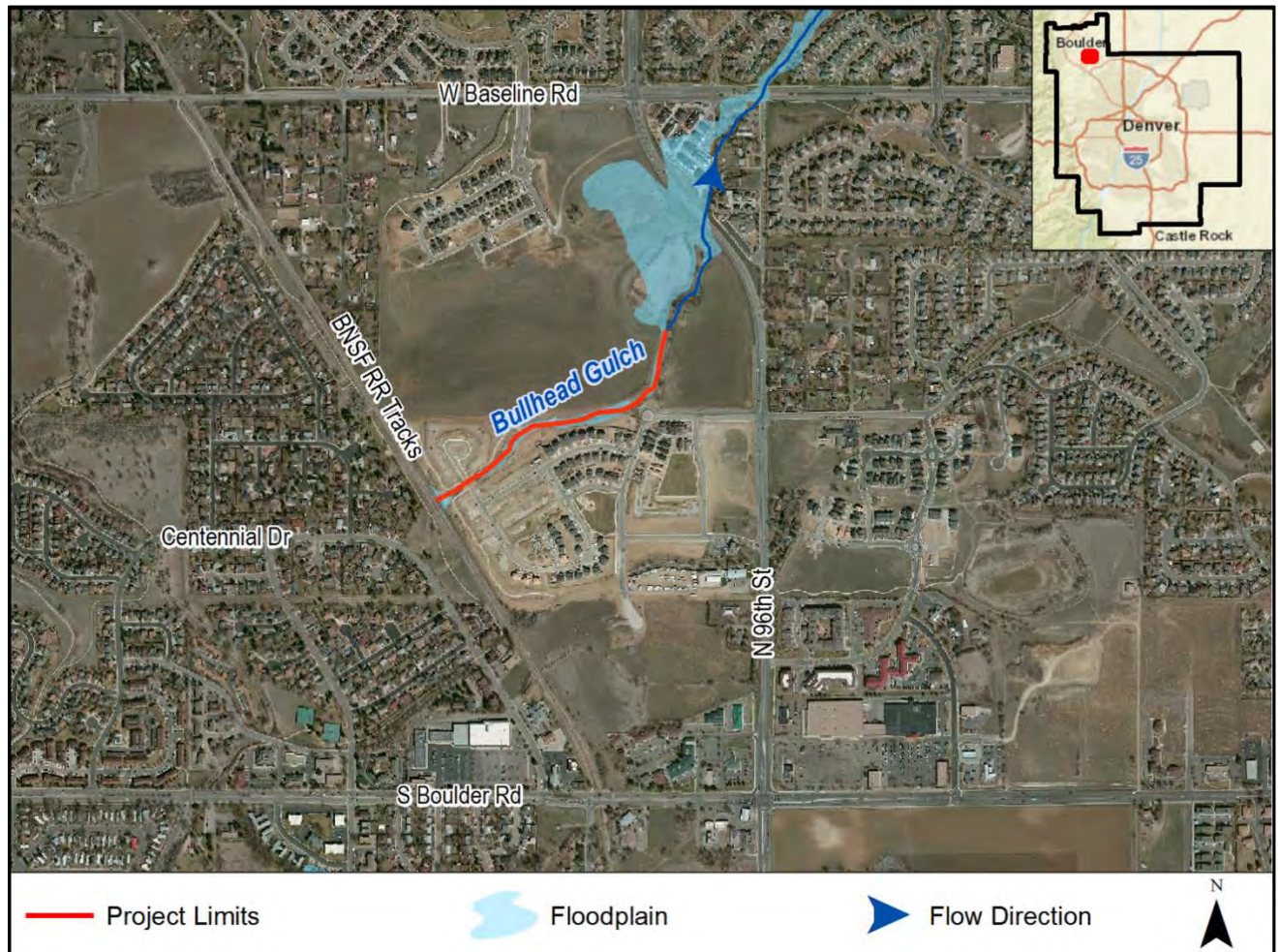
Secretary

Chairperson

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 75, SERIES OF 2019
(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Bullhead Gulch at Burlington Northern Santa Fe Railway [BNSF] Railroad Crossing,
City of Louisville, Boulder County)

EXHIBIT A



URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 76, SERIES OF 2019
(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Cherry Creek from Monaco Parkway to East Iliff Avenue, City and County of Denver)

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

WHEREAS, the City and County of Denver has enacted floodplain regulations; and

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

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

WHEREAS, the Board previously authorized \$4,100,000 for the Cherry Creek from Monaco Parkway to East Iliff Avenue project (Table 1); and

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

Resolution No.	Series of	District Authorization	Local Share	Work Elements
31	2011	\$50,000	\$50,000	Final Design and Construction Funding
46	2011	\$50,000	\$50,000	Construction Funding
13	2012	\$250,000	\$250,000	Construction Funding
64	2012	\$250,000	\$250,000	Final Design and Construction Funding
58	2013	\$250,000	\$250,000	Construction Funding
76	2014	\$250,000	\$250,000	Construction Funding
13	2016	\$450,000	\$450,000	Construction Funding
16	2017	\$250,000	\$350,000	Construction Funding
16	2018	\$750,000	\$750,000	Construction Funding
78	2018	\$1,550,000	\$1,550,000	Construction Funding
TOTAL		\$4,100,000	\$4,200,000	

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

WHEREAS, the District's additional participation being authorized by this resolution is \$2,200,000 to be at least matched by the City and County of Denver and SEMSWA; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 62, Series of 2019) for calendar year 2020 which includes funds for construction of drainage and flood control improvements along Cherry Creek from Monaco Parkway to East Iliff Avenue; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 65, Series of 2019) which includes funds for the improvements along Cherry Creek from Monaco Parkway to East Iliff Avenue.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 31, Series of 2011, Paragraph 3, is further amended as follows:
"The District's maximum contribution to the Cherry Creek from Monaco Parkway to East Iliff Avenue project without prior approval of the Board shall be ~~\$4,100,000~~ **\$6,300,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City and County of Denver and the Southeast Metro Stormwater Authority (SEMSWA)."
2. All other conditions and authorizations remain as stated in Resolution No. 31, Series of 2011.

(SEAL)

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

Date: _____

ATTEST:

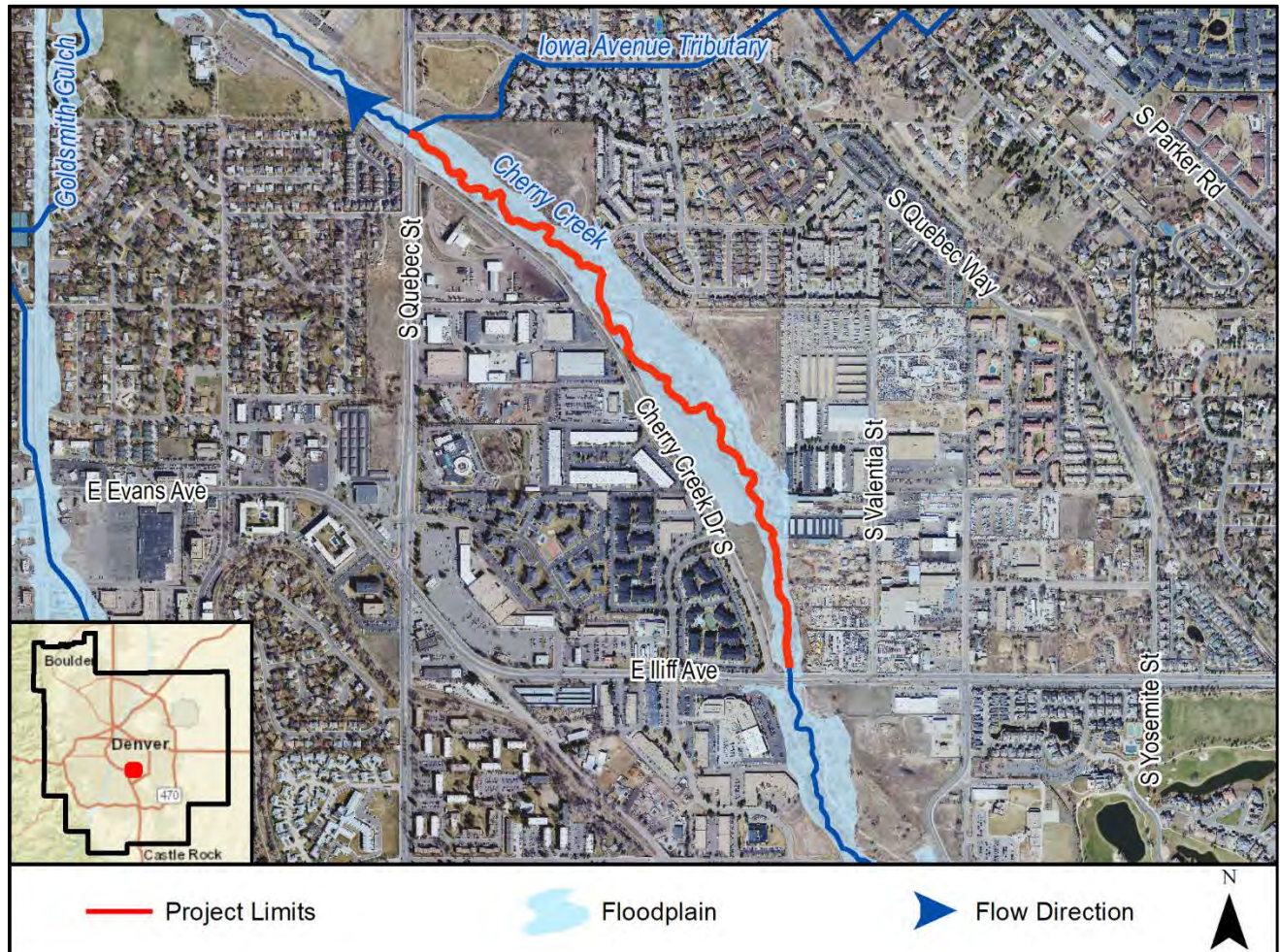
Secretary

Chairperson

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 76, SERIES OF 2019
(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Cherry Creek from Monaco Parkway to East Iliff Avenue, City and County of Denver)

EXHIBIT A



URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 77, SERIES OF 2019
(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Timbers Creek Downstream of Fox Sparrow Road, Douglas County)

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

WHEREAS, Douglas County has enacted floodplain regulations; and

WHEREAS, Douglas County and the District cooperated in the preparation of "Kinney Creek and Fonder Draw Watersheds Outfall Systems Planning Conceptual Preliminary Design Report," dated December 2004; and

WHEREAS, the Board previously authorized \$175,000 for the Timbers Creek downstream of Fox Sparrow Road project (Table 1); and

Table 1
Timbers Creek Downstream of Fox Sparrow Road
Previous Authorizations

Resolution No.	Series of	District Authorization	Local Share	Work Elements
34	2017	\$50,000	\$100,000	Design and Construction Funding
16	2019	\$125,000	\$100,000	Design and Construction Funding
TOTAL		\$175,000	\$200,000	

WHEREAS, Douglas County, High Prairie Farms Metro District, and the District now desire to construct improvements along Timbers Creek downstream of Fox Sparrow Road (Exhibit A); and

WHEREAS, the District's additional participation being authorized by this resolution is \$225,000 to be at least matched by Douglas County and High Prairie Farms Metro District; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 62, Series of 2019) for calendar year 2020 which includes funds for construction of drainage and flood control improvements along Timbers Creek downstream of Fox Sparrow Road; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 65, Series of 2019) which includes funds for the improvements along Timbers Creek downstream of Fox Sparrow Road.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 34, Series of 2017, Paragraph 3, is further amended as follows:
"The District's maximum contribution to the Timbers Creek downstream of Fox Sparrow Road project without prior approval of the Board shall be ~~\$175,000~~ **\$400,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Douglas County and High Prairie Farms Metro District."
2. All other conditions and authorizations remain as stated in Resolution No. 34, Series of 2017.

(SEAL)

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT
Date: _____

ATTEST:

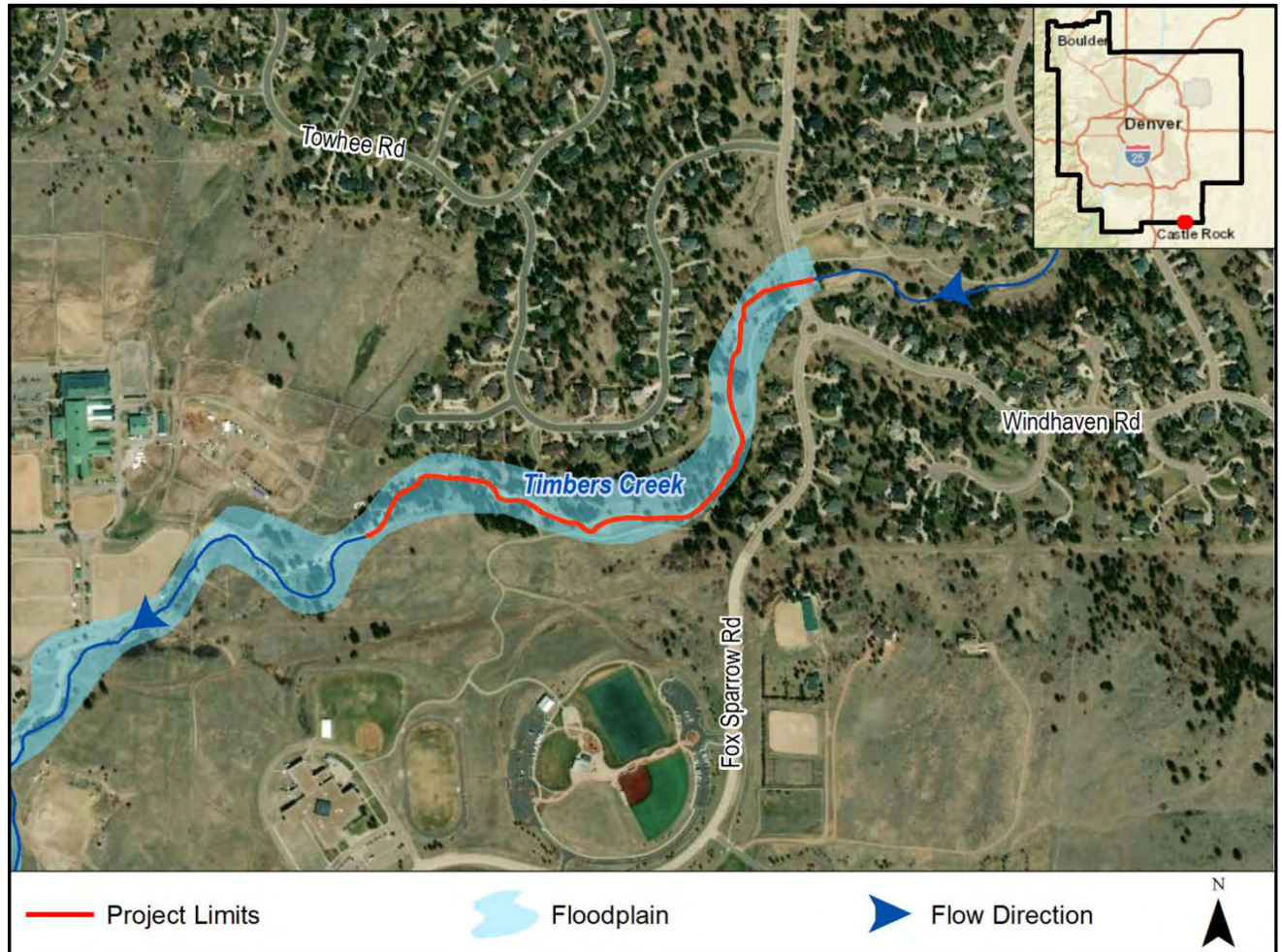
Secretary

Chairperson

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 77, SERIES OF 2019
(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Timbers Creek Downstream of Fox Sparrow Road, Douglas County)

EXHIBIT A



URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 78, SERIES OF 2019
(Additional Authorization to Participate in Drainage and Flood Control Improvements
on the Dahlia Street Outfall to 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 "Drainage Outfall Systems Update Northern Commerce City and Irondale Area Basin D Outfall Alternatives Analysis," dated June 2017, which recommends improvements to the Dahlia Street Outfall to the South Platte River; and

WHEREAS, the Board previously authorized \$450,000 for the Dahlia Street Outfall to the South Platte River project (Table 1); and

Table 1
Dahlia Street Outfall to the South Platte River
Previous Authorizations

Resolution No.	Series of	District Authorization	Local Share	Work Elements
50	2018	\$75,000	\$75,000	Design
48	2019	\$375,000	\$375,000	Design/Construction
TOTAL		\$450,000	\$450,000	

WHEREAS, Adams County and the District now desire to construct improvements along the Dahlia Street Outfall to the South Platte River (Exhibit A); and

WHEREAS, the District's additional participation being authorized by this resolution is \$320,000 to be at least matched by Adams County; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019 which includes funds for construction of drainage and flood control improvements along the Dahlia Street Outfall to the South Platte River; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for the improvements along the Dahlia Street Outfall to the South Platte River.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 50, Series of 2018, Paragraph 3, is amended as follows:
"The District's maximum contribution to the Dahlia Street Outfall to the South Platte River project without prior approval of the Board shall be ~~\$450,000~~ **\$770,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Adams County."
2. All other conditions and authorizations remain as stated in Resolution No. 50, Series of 2018.

(SEAL)

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT
Date: _____

ATTEST:

Secretary

Chairperson

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 78, SERIES OF 2019
(Additional Authorization to Participate in Drainage and Flood Control Improvements
on the Dahlia Street Outfall to the South Platte River, Adams County)

EXHIBIT A

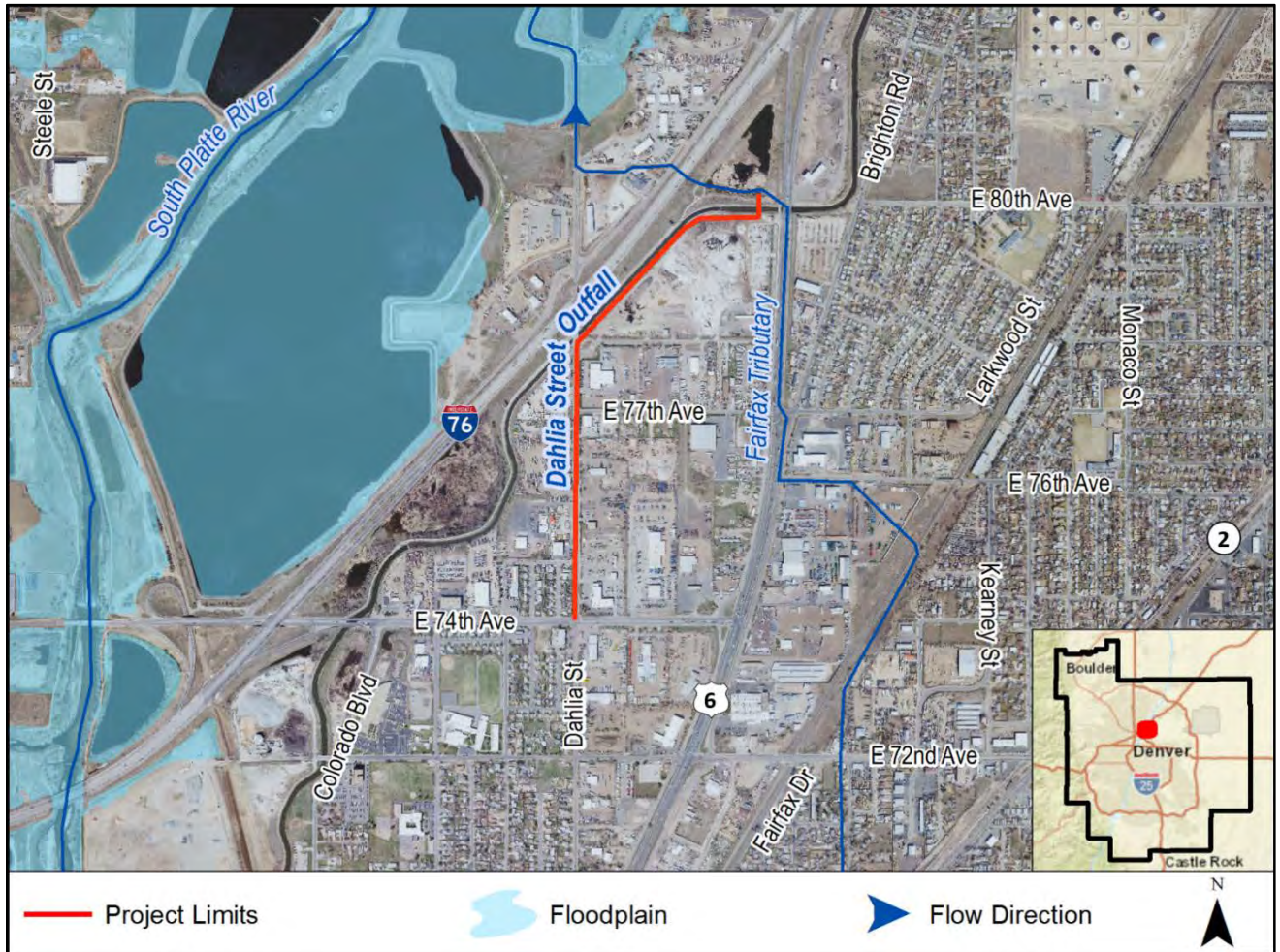


Table 1
Individual Project Additional Authorizations

A	B	C	D	E	F	G	H	I	J
Project Name	Original Resolution	Additional 2019 District Funding	Previous Maximum District Contribution	New Maximum District Contribution	Local Government Partners	Design % Complete	Construction % complete or year when start	Total Project Costs	Authorized
ADAMS COUNTY									
*Grange Hall Creek at Washington	No. 46 Series of 2008	\$200,000	\$1,545,000	\$1,745,000	Northglenn	75%	75%	\$6,800,000	06/19
*North Outfall	No. 4 Series of 2006	\$120,000	\$1,630,00	\$1,750,000	Brighton	50%	50%	\$10,500,000	02/19
*Dahlia Street Outfall	No. 50, Series of 2018	\$375,000	\$75,000	\$450,000	Adams	90%	2019	\$4,000,000	04/19
*Dahlia Street Outfall	No. 50, Series of 2018	\$320,000	\$450,000	\$695,000	Adams	90%	2019	\$4,000,000	10/19
Hoffman Drainageway 88 th to Steele	No. 49, Series of 1997	\$300,000	\$350,000	\$650,000	Adams	85%	85%	\$9,000,000	02/19
22 nd Ave Outfall to Westerly Creek	No. 43, Series of 2018	\$200,000	\$300,000	\$500,000	Aurora			\$1,000,000	03/19
ARAPAHOE COUNTY									
*First Creek Detention	No. 58, Series of 2009	\$400,000	\$3,049,000	\$3,449,000	Aurora	10%	TBD	\$12,000,000	03/19
*Little's Creek	No. 37, Series of 2015	\$250,000	\$250,000	\$500,000	Littleton	30%	2020	\$1,000,000	03/19
Easterly Creek – 1 st & Kenton	No. 15, Series of 2015	\$1,025,000	\$575,000	\$1,600,000	Aurora	100%	10%	\$7,402,000	03/19
Greenwood Gulch at Quincy	No. 63, Series of 2017	\$100,000	\$100,000	\$200,000	Cherry Hills Village	100%	2019	\$400,000	08/19
*Big Dry Creek b/w County Line and East Orchard	No. 57, Series 2018	\$250,000	\$50,000	\$300,000	SEMSWA	0%	Tbd	\$2,000,000	04/19

A	B	C	D	E	F	G	H	I	J
Project Name	Original Resolution	Additional 2019 District Funding	Previous Maximum District Contribution	New Maximum District Contribution	Local Government Partners	Design % Complete	Construction % complete or year when start	Total Project Costs	Authorized
BOULDER COUNTY									
*South Boulder Creek u/s HWY 36	No. 42, Series of 2018	\$200,000	\$120,000	\$320,000	City of Boulder	10%	2022	\$40,000,000	06/19
*Gregory Canyon Creek – Arapahoe to Pennsylvania	No. 41, Series of 2018	\$400,000	\$250,000	\$650,000	City of Boulder	0%	TBD	\$12,000,000	06/19
Bullhead Gulch Drainage Underpass	No. 35, Series of 2016	\$400,000	\$100,000	\$500,000	Louisville	60%	2020	\$2,500,000	10/19
Coal Creek – McCaslin to HWY 36	No. 58, Series of 2016	\$110,000	\$696,243	\$806,243	Superior	95%	25%	\$2,200,000	02/19
BROOMFIELD CITY & COUNTY									
*Nissen Reservoir Drainageway – Lowell to Tennyson	No. 45, Series of 2016	\$270,000	\$780,000	\$1,050,000	Broomfield	40%	2019	\$3,000,000	03/19
DENVER CITY & COUNTY									
*Cherry Creek Stabilization (Monaco to Illiff)	No. 31, Series of 2011	\$1,550,000	\$2,550,000	\$4,100,000	Denver	90%	2019	\$13,900,000	10/19
Sanderson Gulch at the South Platte River	No. 12, Series of 2016	\$1,650,000	\$2,630,000	\$4,280,000	Denver	100%	50%	\$18,900,000	03/19
*Globeville OSP (49 th and Grant) Platte Farms	No. 18, Series of 2017	\$600,000	\$150,000	\$750,000	Denver	50%	2019	\$5,000,000	03/19
Marston Lake d/s Garrison Street	No. 68, Series of 2012	\$750,000	\$950,000	\$1,700,000	Denver	100%	2019	\$3,500,000	
DOUGLAS COUNTY									
*Timbers Creek d/s Fox Sparrow	No. 34, Series of 2017	\$125,000	\$50,000	\$175,000	Douglas	10%	2019	\$4,000,000 - \$5,000,000	02/19
*Happy Canyon Creek north of Lincoln	No. 54, Series of 2015	\$475,000	\$417,500	\$892,500	Douglas	5%	2020	\$3,000,000	06/19

A	B	C	D	E	F	G	H	I	J
Project Name	Original Resolution	Additional 2019 District Funding	Previous Maximum District Contribution	New Maximum District Contribution	Local Government Partners	Design % Complete	Construction % complete or year when start	Total Project Costs	Authorized
Dad Clark Gulch, Wild Iris Run	No. 58, Series of 2017	\$500,000	\$322,500	\$822,500	Highlands Ranch	30%	2019	\$1,500,000	06/19
Cherry Creek at KOA	No. 33, Series of 2017	\$200,000	\$315,000	\$515,000	Parker	40%	2020	\$2,000,000	02/19
*West Big Dry Creek d/s Canongate Lane	No.70, Series of 2018	\$45,000	\$85,000	\$130,000	Highlands Ranch	100%	2019	\$260,000	
Willow Creek at Rampart Range Road	No. 15, Series of 2014	\$25,000	\$375,000	\$400,000	Douglas	30%	2020	\$975,000	08/19
JEFFERSON COUNTY									
*North Dry Gulch – Lamar to Teller	No. 65, Series of 2008	\$225,000	\$3,775,000	\$4,000,000	Lakewood	0%	TBD	\$11,000,000	
*Van Bibber Creek Crossing at McIntyre	No. 25, Series of 2016	\$300,000	\$1,248,000	\$1,548,000	Jefferson	100%	30%	\$3,500,000	03/19
South & Middle Hyland Creek u/s & d/s 104 th	No. 77, Series of 2016	\$350,000	\$963,000	\$1,313,000	Westminster	0%	2020	\$2,600,000	02/19
*Big Dry Creek – Sheridan to Standley Lake	No. 75, Series of 2016	\$600,000	\$300,000	\$900,000	Westminster	15%	2020	\$2,500,000	08/19
*Walnut Creek – US 36 to Wadsworth Pkwy	No. 53, Series of 2018	\$325,000	\$200,000	\$525,000	Westminster	0%	TBD	\$1,250,000	
Leyden Creek at Alkire Street	No. 43, Series of 2014	\$350,000	\$450,000	\$800,000	Arvada	90%	2019	\$1,900,000	10/19

MHFD 2020 BUDGET: SUMMARY

BUDGET ITEM:	2019 Budget	2020 Budget	% Change
Beginning Fund Balance:			
TABOR Emergency Reserve	1,000,000	1,420,500	42%
Floodplain Preservation Reserve	-	500,000	
Reserve for Future Operations	1,340,151	1,418,475	6%
Revenue:			
Property Taxes	43,818,140	62,860,500	43%
Specific Ownership Taxes	3,286,360	3,100,000	-6%
Delinquent Property Tax Interest	-	-	
Investment Interest	175,900	350,000	99%
Project Participation Funds Returned	-	-	
Project Participation Interest Returned	-	-	
Miscellaneous Income	56,000	48,000	-14%
Total Revenue	47,336,400	66,358,500	40%
Transfers from other Funds	-	-	
Total Funds Available	48,676,552	68,276,975	40%
Expenditures:			
Maintenance Services	14,540,000	20,400,000	40%
Construction Projects	14,260,000	22,830,000	60%
Payroll and Benefits	5,721,316	6,365,280	11%
Operating Costs	4,235,260	3,221,700	-24%
South Platte River	4,000,000	5,205,000	30%
Operations and Development	1,131,000	2,295,000	103%
Floodplain Preservation	-	2,000,000	
Flood Warning	1,030,000	1,140,000	11%
Watershed Planning Studies	780,000	1,065,000	37%
Floodplain Management	510,000	1,040,000	104%
Contract Services	130,000	130,000	0%
Total Expenditures	46,337,576	65,691,980	42%
Revenue minus Expenditures	998,824	666,520	-33%
Transfers to other Funds			
Change in Floodplain Preservation Reserve	500,000	(1,500,000)	-400%
Floodplain Preservation Reserve Balance	500,000	-	-100%
Change in TABOR Emergency Reserve	420,500	570,500	36%
TABOR Emergency Reserve Balance	1,420,500	1,991,000	40%
TABOR Emergency Reserve as % of Expenditures	3.00%	3.00%	0%
Ending Fund Balance:			
Reserve for Future Operations	1,418,475	2,014,495	42%

MHFD 2020 BUDGET: MILL LEVY

2020 MILL LEVY	
GROSS MAIN MILL LEVY	0.900
TEMPORARY REDUCTION	0.000
NET MAIN MILL LEVY	0.900
GROSS SOUTH PLATTE MILL LEVY	0.100
TEMPORARY REDUCTION	-0.003
NET SOUTH PLATTE MILL LEVY	0.097
NET MAIN PLUS SOUTH PLATTE	0.997

COUNTY	MAIN MILL LEVY	SOUTH PLATTE MILL LEVY	TOTAL MILL LEVY	2019 NET ASSESSED VALUATION	2020 PROPERTY TAXES (budgeted)	% of Rev.
ADAMS	0.900	0.100	1.000	\$ 7,926,524,150	\$ 7,926,524	12%
ARAPAHOE	0.900	0.100	1.000	\$ 12,014,399,598	\$ 12,014,400	19%
BOULDER	0.900	0.000	0.900	\$ 6,436,408,895	\$ 5,792,768	10%
BROOMFIELD	0.900	0.000	0.900	\$ 1,516,187,767	\$ 1,364,569	2%
DENVER	0.900	0.100	1.000	\$ 20,805,905,326	\$ 20,805,905	33%
DOUGLAS	0.900	0.100	1.000	\$ 5,506,651,310	\$ 5,506,651	9%
JEFFERSON	0.900	0.100	1.000	\$ 9,625,170,672	\$ 9,625,171	15%
MAIN MILL LEVY:				\$ 63,831,247,718	\$ 57,448,122.95	100%
SOUTH PLATTE RIVER MILL LEVY:				\$ 55,878,651,056	\$ 5,412,409.56	
TOTAL BUDGETED PROPERTY TAX REVENUE:					\$ 62,860,533	

MHFD 2020 BUDGET: GOVERNMENTAL FUNDS

Budget Item	2019 General Fund	2019 South Platte Fund	2019 Construction Fund	2019 Maintenance Fund	2019 Total Budget	2020 Proposed Budget	2020 General Fund	2020 South Platte Fund	2020 Construction Fund	2020 Maintenance Fund	2020 Minus 2019	% Diff
BEGINNING FUND BALANCE:												
TABOR Emergency Reserve	100,000	100,000	400,000	400,000	1,000,000	1,420,500	142,000	144,500	566,000	568,000		
Floodplain Preservation Reserve	-	-	-	-	-	500,000	-	-	-	500,000		
Reserve for Future Operations	100,000	100,059	400,007	740,085	1,340,151	1,418,475	4,410	113,258	603,634	697,173		
REVENUE:												
A) Property Taxes (Net Collected)	4,340,875	4,424,696	17,526,284	17,526,284	43,818,140	62,860,500	6,383,100	5,412,400	25,532,500	25,532,500		
B) Specific Ownership Taxes	325,566	331,852	1,314,471	1,314,471	3,286,360	3,100,000	2,800,000	300,000	-	-		
C) Other Revenue												
1) Property Tax Interest	-	-	-	-	-	-	-	-	-	-		
2) Investment Interest	8,900	11,800	57,100	98,100	175,900	350,000	35,000	35,000	87,500	192,500		
3) Sale of Fixed Assets	-	-	-	-	-	-	-	-	-	-		
4) Miscellaneous Income	-	-	-	-	-	-	-	-	-	-		
3) Seminars and Conferences	56,000	-	-	-	56,000	48,000	48,000	-	-	-		
5) Project Participation Funds Returned	-	-	-	-	-	-	-	-	-	-		
6) Project Participation Interest Returned	-	-	-	-	-	-	-	-	-	-		
Subtotal Other Revenue	64,900	11,800	57,100	98,100	231,900	398,000	83,000	35,000	87,500	192,500		
Total Revenue	4,731,341	4,768,348	18,897,856	18,938,856	47,336,400	66,358,500	9,266,100	5,747,400	25,620,000	25,725,000		
TRANSFERS FROM OTHER FUNDS	-	-	-	-	-	-	-	-	-	-		
TOTAL FUNDS AVAILABLE	4,831,341	4,868,407	19,297,862	19,678,941	48,676,552	68,276,975	9,270,510	5,860,658	26,223,634	26,922,173	19,600,000	40%
TOTAL EXPENDITURES	4,784,930	4,710,649	18,528,228	18,313,768	46,337,576	65,691,980	8,852,796	5,656,521	25,251,150	25,931,513	19,354,000	42%
Revenue minus Expense	(53,590)	57,699	369,627	625,087	998,824	666,520	413,304	90,879	368,850	(206,513)		
TRANSFERS TO OTHER FUNDS	-	-	-	-	-	-	-	-	-	-		
Change in TABOR Emergency Reserve	42,000	44,500	166,000	168,000	420,500	570,500	136,000	28,000	202,500	204,000		
TABOR Emergency Reserve Balance	142,000	144,500	566,000	568,000	1,420,500	1,991,000	278,000	172,500	768,500	772,000		
TABOR Emergency Reserve as % of Rev	3.00%	3.03%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%		
Change in Floodplain Preservation Reserve	-	-	-	500,000	500,000	(1,500,000)	-	-	-	(1,500,000)		
Floodplain Preservation Reserve Balance	-	-	-	500,000	500,000	-	-	-	-	-		
YEAR-END FUND BALANCE	4,410	113,258	603,634	697,173	1,418,475	2,014,495	281,714	176,137	769,984	786,660		
Year-End Fund Balance as % of Rev	0.09%	2.38%	3.19%	3.68%	3.00%	3.04%	3.04%	3.06%	3.01%	3.06%		

MHFD 2020 BUDGET: GOVERNMENTAL FUNDS

Budget Item	2019 General Fund	2019 South Platte Fund	2019 Construction Fund	2019 Maintenance Fund	2019 Total Budget	2020 Proposed Budget	2020 General Fund	2020 South Platte Fund	2020 Construction Fund	2020 Maintenance Fund	2020 Minus 2019	% Diff
SHARED FUND OPERATING EXPENDITURES	General	SPR	Construction	Maintenance	2019	2020	General	SPR	Construction	Maintenance		
Salaries and Services												
A) Payroll												
1) Payroll: Employees with Benefits	1,236,000	92,000	1,288,000	1,037,000	3,653,000	4,435,000	1,464,000	234,000	1,366,000	1,371,000	782,000	
2) Payroll: Employees without Benefits	86,000	-	-	350,000	436,000	390,000	90,000	-	-	300,000	(46,000)	
3) Compensated Absences	149,028	18,304	130,645	124,497	422,475	88,900	29,300	4,700	27,400	27,500	(333,575)	
Subtotal Payroll	1,471,028	110,304	1,418,645	1,511,497	4,511,475	4,913,900	1,583,300	238,700	1,393,400	1,698,500	402,425	
B) Benefits												
1) Retirement - CCOERA	49,500	3,700	51,600	41,500	146,300	177,600	58,600	9,400	54,700	54,900	31,300	
2) Retirement - FICA Replacement	76,700	5,800	79,900	64,300	226,700	275,200	90,800	14,600	84,700	85,100	48,500	
3) Medicare Cost - Employ	19,200	1,400	17,700	20,200	58,500	66,570	21,960	3,510	20,500	20,600	8,070	
4) Social Security - Employ	6,400	-	-	21,700	28,100	25,200	6,600	-	-	18,600	(2,900)	
5) Deferred (457)	24,800	1,900	24,400	20,800	71,900	97,656	32,208	5,148	30,100	30,200	25,756	
6) Employee Insurance	153,332	10,095	153,213	141,501	458,141	542,354	168,728	27,763	140,050	205,813	84,213	
7) Health Savings Account	49,200	-	60,400	55,600	165,200	211,800	59,700	6,600	60,200	85,300	46,600	
8) Tuition Reimbursement	25,000	-	-	-	25,000	25,000	25,000	-	-	-	-	
9) Employee Recognition	30,000	-	-	-	30,000	30,000	30,000	-	-	-	-	
Subtotal Benefits	434,132	22,895	387,213	365,601	1,209,841	1,451,380	493,596	67,021	390,250	500,513	241,539	
Subtotal Payroll & Benefits	1,905,160	133,199	1,805,858	1,877,098	5,721,316	6,365,280	2,076,896	305,721	1,783,650	2,199,013	644,000	11%
C) Contract Services												
1) Legal Services	60,000	-	-	-	60,000	60,000	60,000	-	-	-	-	
2) Accounting Services	50,000	-	-	-	50,000	50,000	50,000	-	-	-	-	
3) Personnel Services	20,000	-	-	-	20,000	20,000	20,000	-	-	-	-	
Subtotal Contract Services	130,000	-	-	-	130,000	130,000	130,000	-	-	-	-	
Total Salary & Services	2,035,160	133,199	1,805,858	1,877,098	5,851,316	6,495,280	2,206,896	305,721	1,783,650	2,199,013	644,000	11%
Operating Costs												
Office Equipment Purchases	30,000	-	-	-	30,000	30,000	30,000	-	-	-	-	
Office Equipment Maintenance	50,000	-	-	-	50,000	50,000	50,000	-	-	-	-	
Computer Hardware	60,000	-	-	-	60,000	60,000	60,000	-	-	-	-	
Computer Software	80,000	-	-	-	80,000	100,000	100,000	-	-	-	20,000	
Office Supplies	20,000	-	-	-	20,000	20,000	20,000	-	-	-	-	
Field Supplies	-	-	-	2,000	2,000	15,000	-	-	-	15,000	13,000	
Shipping & Mailing	8,000	-	-	-	8,000	8,000	8,000	-	-	-	-	
Telephone & Internet	-	100,000	-	-	100,000	100,000	100,000	-	-	-	-	
Records Management	-	-	-	100,000	100,000	400,000	400,000	-	-	-	300,000	
Office Remodeling/Improvements	50,000	-	-	-	50,000	300,000	300,000	-	-	-	250,000	
Printing and Publications	10,000	-	-	-	10,000	10,000	10,000	-	-	-	-	
Insurance	60,000	-	-	-	60,000	60,000	60,000	-	-	-	-	
Dues & Subscriptions	30,000	-	-	-	30,000	30,000	30,000	-	-	-	-	
Rent	50,500	50,500	202,000	202,000	505,000	600,000	60,000	60,000	240,000	240,000	95,000	
Meetings & Conferences	40,000	-	-	-	40,000	40,000	40,000	-	-	-	-	
Training	32,500	-	-	-	32,500	32,500	32,500	-	-	-	-	
Miscellaneous	15,000	15,000	15,000	15,000	60,000	100,000	10,000	10,000	40,000	40,000	40,000	
Board of Directors Expense	12,000	-	-	-	12,000	12,000	12,000	-	-	-	-	
Public Affairs	-	200,000	1,800,000	200,000	2,200,000	200,000	200,000	-	-	-	(2,000,000)	-91%
Treasurer's Fees	60,770	61,950	245,370	245,370	613,460	880,200	89,400	75,800	357,500	357,500	266,740	
Local Expense	-	-	-	12,000	12,000	12,000	12,000	-	-	-	-	
Auto Reimbursement	-	-	-	90,800	90,800	92,000	92,000	-	-	-	1,200	
Travel Expense	-	-	-	69,500	69,500	70,000	70,000	-	-	-	500	
Total Operating Costs	608,770	427,450	2,262,370	936,670	4,235,260	3,221,700	1,785,900	145,800	637,500	652,500	(1,014,000)	-24%
Total District Overhead	2,643,930	560,649	4,068,228	2,813,768	10,086,576	9,716,980	3,992,796	451,521	2,421,150	2,851,513	(370,000)	-4%
Overhead Ratio	56%	12%	22%	15%	21%	15%	43%	8%	9%	11%	-7%	-31%

MHFD 2020 BUDGET: GOVERNMENTAL FUNDS

Budget Item	2019 General Fund	2019 South Platte Fund	2019 Construction Fund	2019 Maintenance Fund	2019 Total Budget	2020 Proposed Budget	2020 General Fund	2020 South Platte Fund	2020 Construction Fund	2020 Maintenance Fund	2020 Minus 2019	% Diff
GENERAL FUND	General	SPR	Construction	Maintenance	2019	2020	General	SPR	Construction	Maintenance		
Watershed Services Projects												
A) Adams County Planning Studies	130,000	-	-	-	130,000	300,000	300,000	-	-	-	170,000	
B) Arapahoe County Planning Studies	190,000	-	-	-	190,000	190,000	190,000	-	-	-	-	
C) Boulder County Planning Studies	75,000	-	-	-	75,000	115,000	115,000	-	-	-	40,000	
D) Broomfield County Planning Studies	-	-	-	-	-	-	-	-	-	-	-	
E) Denver County Planning Studies	-	-	-	-	-	-	-	-	-	-	-	
F) Douglas County Planning Studies	-	-	-	-	-	-	-	-	-	-	-	
G) Jefferson County Planning Studies	200,000	-	-	-	200,000	40,000	40,000	-	-	-	(160,000)	
H) Other Planning Projects	135,000	-	-	-	135,000	420,000	420,000	-	-	-	285,000	
I) Planning Study Contingencies	50,000	-	-	-	50,000	-	-	-	-	-	(50,000)	
J) Flood Mapping Studies	430,000	-	-	-	430,000	440,000	440,000	-	-	-	10,000	
K) Flood Risk Communication & Mitigation	40,000	-	-	-	40,000	50,000	50,000	-	-	-	10,000	
L) Other Floodplain Management Projects	40,000	-	-	-	40,000	550,000	550,000	-	-	-	510,000	
Total Watershed Services Projects	1,290,000	-	-	-	1,290,000	2,105,000	2,105,000	-	-	-	815,000	63%
Flood Warning Projects												
A) Early Warning Planning	53,000	-	-	-	53,000	60,000	60,000	-	-	-	7,000	
B) Flood Damage Documentation	10,000	-	-	-	10,000	15,000	15,000	-	-	-	5,000	
C) Meteorologist	115,000	-	-	-	115,000	130,000	130,000	-	-	-	15,000	
D) Data & Communications	42,000	-	-	-	42,000	50,000	50,000	-	-	-	8,000	
E) ALERT System Maintenance	50,000	-	-	-	50,000	55,000	55,000	-	-	-	5,000	
F) Other FW&IS Projects	100,000	-	-	-	100,000	150,000	150,000	-	-	-	50,000	
Total Flood Warning Projects	370,000	-	-	-	370,000	460,000	460,000	-	-	-	90,000	24%
Operations and Development Projects												
A) Criteria & Standards	150,000	-	-	-	150,000	200,000	200,000	-	-	-	50,000	
B) Permit Support	200,000	-	-	-	200,000	300,000	300,000	-	-	-	100,000	
C) Annual Seminar	56,000	-	-	-	56,000	75,000	75,000	-	-	-	19,000	
D) Other O & D Projects / Contingencies	75,000	-	-	-	75,000	-	-	-	-	-	(75,000)	
E) Effective Model Layer						100,000	100,000				100,000	
F) Web-based Master Plan Data Population						100,000	100,000				100,000	
G) First Creek Living Model Pilot						100,000	100,000				100,000	
H) Problem Priority Tool Data Population						200,000	200,000				200,000	
I) District Management Tool						150,000	150,000				150,000	
J) Stream Assessment Tool						200,000	200,000				200,000	
K) Stream Management System						500,000	500,000				500,000	
L) HFLM Urban Stream Framework						100,000	100,000				100,000	
M) Data Collection, Development and Mgmt						270,000	270,000				270,000	
Total Operations and Development Projects	481,000	-	-	-	481,000	2,295,000	2,295,000	-	-	-	1,814,000	377%
TOTAL GENERAL FUND EXPENDITURES	2,141,000	-	-	-	2,141,000	4,860,000	4,860,000	-	-	-	2,719,000	127%

MHFD 2020 BUDGET: GOVERNMENTAL FUNDS

Budget Item	2019 General Fund	2019 South Platte Fund	2019 Construction Fund	2019 Maintenance Fund	2019 Total Budget	2020 Proposed Budget	2020 General Fund	2020 South Platte Fund	2020 Construction Fund	2020 Maintenance Fund	2020 Minus 2019	% Diff
SOUTH PLATTE RIVER FUND	General	SPR	Construction	Maintenance	2019	2020	General	SPR	Construction	Maintenance		
South Platte River Services												
A) Stream Management	-	500,000	-	-	500,000	500,000	-	500,000	-	-	-	
B) Restoration Maintenance	-	1,000,000	-	-	1,000,000	1,300,000	-	1,300,000	-	-	300,000	
C) Construction	-	2,000,000	-	-	2,000,000	2,500,000	-	2,500,000	-	-	500,000	
D) Co-op Projects	-	-	-	-	-	-	-	-	-	-	-	
E) Cross Sections	-	-	-	-	-	-	-	-	-	-	-	
F) Contingency	-	500,000	-	-	500,000	905,000	-	905,000	-	-	405,000	
Subtotal South Platte River Services	-	4,000,000	-	-	4,000,000	5,205,000	-	5,205,000	-	-	1,205,000	30%
Operations and Development												
A) O & D Projects	-	150,000	-	-	150,000	-	-	-	-	-	(150,000)	
Total Operations and Development Projects	-	150,000	-	-	150,000	-	-	-	-	-	(150,000)	
TOTAL SOUTH PLATTE RIVER EXPENDITURES	-	4,150,000	-	-	4,150,000	5,205,000	-	5,205,000	-	-	1,055,000	25%
CONSTRUCTION FUND	General	SPR	Construction	Maintenance	2019	2020	General	SPR	Construction	Maintenance		
Construction Services												
A) Adams County	-	-	1,670,000	-	1,670,000	2,300,000	-	-	2,300,000	-		
B) Arapahoe County	-	-	2,700,000	-	2,700,000	4,600,000	-	-	4,600,000	-		
C) Boulder County	-	-	1,300,000	-	1,300,000	1,900,000	-	-	1,900,000	-		
D) Broomfield County	-	-	270,000	-	270,000	500,000	-	-	500,000	-		
E) Denver County	-	-	4,500,000	-	4,500,000	8,500,000	-	-	8,500,000	-		
F) Douglas County	-	-	1,400,000	-	1,400,000	1,400,000	-	-	1,400,000	-		
G) Jefferson County	-	-	2,100,000	-	2,100,000	2,600,000	-	-	2,600,000	-		
H) Contingency	-	-	320,000	-	320,000	1,030,000	-	-	1,030,000	-		
Total Construction Projects	-	-	14,260,000	-	14,260,000	22,830,000	-	-	22,830,000	-	8,570,000	60%
Operations and Development Projects												
A) O & D Projects	-	-	200,000	-	200,000	-	-	-	-	-	(200,000)	
Total Operations and Development Projects	-	-	200,000	-	200,000	-	-	-	-	-	(200,000)	
TOTAL CONSTRUCTION EXPENDITURES	-	-	14,460,000	-	14,460,000	22,830,000	-	-	22,830,000	-	8,370,000	58%
MAINTENANCE FUND	General	SPR	Construction	Maintenance	2019	2020	General	SPR	Construction	Maintenance		
Maintenance Services												
A) Maintenance Services - Adams County	-	-	-	1,672,294	1,672,294	2,533,300	-	-	-	2,533,300	861,006	
B) Maintenance Services - Arapahoe County	-	-	-	2,706,370	2,706,370	3,839,700	-	-	-	3,839,700	1,133,330	
C) Maintenance Services - Boulder County	-	-	-	1,529,968	1,529,968	2,057,000	-	-	-	2,057,000	527,032	
D) Maintenance Services - Broomfield County	-	-	-	351,566	351,566	484,600	-	-	-	484,600	133,034	
E) Maintenance Services - Denver County	-	-	-	4,421,087	4,421,087	6,649,400	-	-	-	6,649,400	2,228,313	
F) Maintenance Services - Douglas County	-	-	-	1,294,058	1,294,058	1,759,900	-	-	-	1,759,900	465,842	
G) Maintenance Services - Jefferson County	-	-	-	2,564,657	2,564,657	3,076,100	-	-	-	3,076,100	511,443	
Subtotal Maintenance Services	-	-	-	14,540,000	14,540,000	20,400,000	-	-	-	20,400,000	5,860,000	40%
Operations and Development												
A) O & D Projects	-	-	-	2,813,768	2,813,768	-	-	-	-	-	(2,813,768)	
Total Operations and Development Projects	-	-	-	2,813,768	2,813,768	-	-	-	-	-	(2,813,768)	
Floodplain Preservation Reserve												
A) Floodplain Preservation Expenditures	-	-	-	300,000	-	2,000,000	-	-	-	2,000,000	2,000,000	
Total Operations and Development Projects	-	-	-	300,000	-	2,000,000	-	-	-	2,000,000	2,000,000	
Flood Monitoring												
A) Stream Gage Maintenance (Includes USGS)	-	-	-	120,000	120,000	120,000	-	-	-	120,000		
B) Flood Monitoring	-	-	-	540,000	540,000	560,000	-	-	-	560,000	20,000	
Total Flood Monitoring Projects	-	-	-	660,000	660,000	680,000	-	-	-	680,000	20,000	3%
TOTAL MAINTENANCE EXPENDITURES	-	-	-	15,500,000	15,500,000	23,080,000	-	-	-	23,080,000	7,580,000	49%

MHFD 2020 BUDGET: DEVELOPMENT SERVICES ENTERPRISE

(Fee-in-Lieu Improvements)

Budget Item	2019 Budget	Actual as of 08/31/2019	2020 Proposed Budget
BEGINNING FUND BALANCE:	-	-	-
REVENUE:			
1) Voluntary Developer Fees (96% of Total)	15,360,000	776,365	19,200,000
2) Administrative Fees (4% of Total)	640,000		800,000
Total Revenue	16,000,000	776,365	20,000,000
Total Funds Available	16,000,000	776,365	20,000,000
EXPENDITURES:			
1) Design and Construction of Regional Infrastructure	15,360,000	776,365	19,200,000
2) Transfer to other Funds	640,000	-	800,000
Total Expenditures	16,000,000	776,365	20,000,000
ENDING FUND BALANCE:			
Reserve for Future Operations	-	-	-

Date: Thursday, November 21, 2019

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. Katie Evers, GIS Analyst
 - ii. Eric Thomas, Student Intern
- b. Awards/Recognitions
 - i. 2019 Perfect Attendance – Board Members
 - ii. MHFD: Weather Ready Nation Ambassador of Excellence 2019

3. Roll Call – Determination of Quorum

4. Approval of October 17, 2019 Meeting Minutes

(If there are no corrections “Minutes stand approved”, or with corrections “Minutes stand approved as corrected”)

5. Presentation Agenda

(Each resolution will, after introduction and presentation from District staff, be placed on the Consent Agenda unless a request is made by a Board Member for action upon the resolution separately)

- a. Legislative Committee
(Resolution No. 79, Series of 2019)
- b. Authorization to Amend Lease at Diamond Hill
(Resolution No. 80, Series of 2019)
- c. Adoption of Flood Emergency Support Plan
(Resolution No. 81, Series of 2019)
- d. Authorization to Agree in Writing to Accept the Use of Property Tax Increment Financing for the Proposed 4201 East Arkansas Avenue Urban Redevelopment Area
(Resolution No. 82, Series of 2019)
- e. Acceptance of a Flood Hazard Area Delineation Report for Plum Creek, East Plum Creek, West Plum Creek
(Resolution No. 83, Series of 2019)
- f. Authorization to Participate in Drainage and Flood Control Improvements on Mustang Run at Washington Street to 152nd Avenue, City of Thornton, Adams County
(Resolution No. 84, Series of 2019)
- g. Authorization to Participate in Drainage and Flood Control Improvements on Rooney Gulch Downstream of Yale Avenue, City of Lakewood, Jefferson County
(Resolution No. 85, Series of 2019)
- h. Authorization to Participate in a Planning Study of Lena Gulch and Tributary H
(Resolution No. 86 Series of 2019)

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 of a specific resolution for a presentation by District staff or discussion)

- a. Review of Cash Disbursements
- b. Additional Authorization to Participate in Drainage and Flood Control Improvements on North Dry Gulch from Lamar Street to Teller Street, City of Lakewood, Jefferson County (Resolution No. 87, Series of 2019)
- c. Additional Authorization to Participate in Drainage and Flood Control Improvements on Platte Farm Open Space Detention Basin, City and County of Denver (Resolution No. 88, Series of 2019)
- d. Additional Authorization to Participate in Drainage and Flood Control Improvements on Willow Creek Outfall at Rampart Range Road, Douglas County (Resolution No. 89, Series of 2019)

7. Vote on Approval of the Consent Agenda

(Motion and roll call vote required)

8. Other Business

- a. Nominating Committee – Recommendation of 2020 Officers

9. Reports/Discussions

- a. Executive Director's Report
- b. Project Showcase

10. Announcements

- a. Annual Meeting: Thursday, January 16, 2020

11. Adjournment





MILE HIGH FLOOD DISTRICT

BOARD OF DIRECTORS MEETING

**Meeting Minutes
October 17, 2019**

Board Members Present:

Randy Ahrens	Mayor, City/County of Broomfield
Debbie Brinkman	Mayor, City of Littleton
Jolon Clark	Council Member, City/County of Denver
Stacie Gilmore	Council Member, City/County of Denver
Matt Jones	Commissioner, Boulder County
Paul Kashmann	Council Member, City/County of Denver
John Marriott	Mayor Pro Tem, City of Arvada
Adam Paul	Mayor, City of Lakewood
Murphy Robinson	Deputy Mayor, City/County of Denver
Dave Sellards	Engineer
Bud Starker	Mayor, City of Wheat Ridge
Libby Szabo	Commissioner, Jefferson County
Chaz Tedesco	Commissioner, Adams County

Board Members Absent:

Herb Atchison	Mayor, City of Westminster
Mark Hunter	Engineer
Stephanie Piko	Mayor, City of Centennial
Bob Roth	Mayor Pro Tem, City of Aurora
Nancy Sharpe	Commissioner, Arapahoe County
Lora Thomas	Commissioner, Douglas County
Sam Weaver	Mayor Pro Tem, City of Boulder
Heidi Williams	Mayor, City of Thornton

MHFD Staff Present:

Ken MacKenzie	Executive Director
Kurt Bauer	Project Manager
Dave Bennetts	Program Manager
Barbara Chongtouna	Project Manager
Amelia Deleon	Human Resources Manager
Terri Fead	Floodplain Manager
Dan Hill	Engineering Technologist
Bryan Kohlenberg	Project Manager
Laura Kroeger	Program Manager
Morgan Lynch	Project Manager
Kelsey Mehan	Office Coordinator
Teresa Patterson	Project Manager
Holly Piza	Standards Development Manager
Wanda Salazar	Accountant
Terri Schafer	Finance & Accounting Manager
Mark Schutte	Engineering Technologist
Brooke Seymour	Project Manager
David Skuodas	Project Manager
Jason Stawski	Engineering Technologist
Kevin Stewart	Program Manager
Shea Thomas	Program Manager
Jim Watt	Project Manager
Jon Villines	Project Engineer
Brik Zivkovich	Engineering Technologist

Others Present:

Ed Krisor	Legal Counsel
Antonio Esquibel	City of Northglenn
David Rausch	Adams County
Robyn Brown	City of Arvada
Jim Kaiser	City of Thornton

How the District Works - MHFD Work Plan Development

Mrs. Shea Thomas and Mrs. Laura Kroeger gave a presentation on MHFD Work Plan Development.

1. Call to Order and Pledge of Allegiance - 1:00 pm

Commissioner Libby Szabo called the meeting to order at 1:00 pm.

2. Introductions

a. Visitors/Guests/Staff

Mr. Ken MacKenzie introduced the following guests:

- Antonio Esquibel Mayor, City of Northglenn
- Robyn Brown City of Arvada
- Jim Kaiser City of Thornton
- David Rausch Adams County

a. Awards/Recognitions

i. Mrs. Holly Piza - Environmental and Water Resources Institute (EWRI) Vice President

Mr. MacKenzie congratulated Mrs. Holly Piza for becoming Vice President of the Environmental and Water Resources Institute Board (EWRI). EWRI is a 28,000 member-strong ASCE institute that specializes in advancing the engineering practice in environmental and water resources.

ii. Mrs. Morgan Lynch - Colorado Association of Stormwater and Floodplain Managers (CASFM) Chair

Mr. MacKenzie also congratulated Mrs. Morgan Lynch for becoming Chair of the Colorado Association of Stormwater and Floodplain Managers (CASFM) Board. CASFM is an organization involved in floodplain and stormwater management, water quality, and flood mitigation and preparedness.

3. Roll Call – Determination of Quorum

Roll was called and a quorum was declared present.

4. Committee Reports

Mayor Pro Tem John Marriott provided an update on the Audit & Finance Committee meeting that took place on October 7th to discuss the 2020 budget. In attendance were: Mayor Adam Paul, Mayor Pro Tem Marriott, Mayor Heidi Williams, Mr. Dave Sellards, Mr. MacKenzie, and Mrs. Terri Schafer, Finance and Accounting Manager. Mr. MacKenzie presented the 2020 Budget in detail, including:

- 40% increase in revenue
- 60% increase in construction funding
- 16% increase in maintenance funding
- 300% increase in floodplain preservation funding
- 36% increase in the District's TABOR reserve
- 40% increase in the District's year-end fund balance

The Audit & Finance Committee recommends the adoption of the 2020 Budget to the Board of Directors.

5. Approval of August 15, 2019 Meeting Minutes

(If there are no corrections "Minutes stand approved", or with corrections "Minutes stand approved as corrected")

Commissioner Szabo asked if there were any corrections to the August 15, 2019 minutes. Hearing none, the minutes were approved as submitted.

6. Public Hearing

a. 2020 Budget

Commissioner Szabo opened the public hearing at 1:10 pm. The final budget was presented to the Audit & Finance Committee on Monday, October 7th. Mr. MacKenzie provided an overview of the final 2020 budget to the Board, highlights included:

- 2020 Mill Levy, Adams, Arapahoe, Denver, Douglas, and Jefferson Counties: 0.997
- 2020 Mill Levy, Boulder and Broomfield Counties: 0.900

Overview of 2020 budget line items identify increases in revenue and expenditures. Three resolutions were highlighted in the budget discussion. Resolution No. 61 certifies the tax levy, Resolution No. 62 adopts the 2020 Budget, and Resolution No. 63 appropriates the funds.

Commissioner Szabo requested comments or questions from the Board and public. There being none, the public hearing was closed at 1:22 pm.

b. 2019-2023 Five-Year Capital Improvement Plan (CIP)

Commissioner Szabo opened the public hearing at 1:22 pm. Mrs. Kroeger, Manager of the Stream Services Program, presented the 2019-2023 Five-Year Capital Improvement Plan (CIP). All CIP projects must meet the following requirements:

- Requested by local governments
- Included in a Master Planning document
- 50% funding match from local government
- Project is maintained by local government
- Revenues from county spent in same county over the five-year period

Mrs. Kroeger provided a review of unmet CIP requests versus actual budget per each county as well as a graph that shows the percentage of revenue versus actual expenditures on a five-year average, per county.

Two resolutions were highlighted in the Five-Year CIP discussion. Resolution No. 64 adopts the 2020 work program and authorization of expenditures and Resolution No. 65 adopts the Five-Year CIP 2019-2023.

Commissioner Szabo requested comments or questions from the Board and public. There being none, the public hearing was closed at 1:25 pm.

c. Floodplain Regulation Amendment

Commissioner Szabo opened the public hearing at 1:25 pm. At the August 15th Board Meeting, Mr. MacKenzie provided the Board with a copy of the draft Floodplain Regulation Amendment for their review and comment. Comments were received from the following:

- | | |
|----------------------------|-----------------------------|
| ▪ Aurora Staff | ▪ Mr. Ed Krisor |
| ▪ Centennial City Attorney | ▪ Mr. Dave Sellards |
| ▪ Douglas County Attorney | ▪ City of Thornton Staff |
| ▪ Douglas County Staff | ▪ Westminster City Attorney |

All comments were addressed and a final copy of the Floodplain Regulation Amendment was provided in the Board Packet. The regulation was updated to include a prohibition of tents and makeshift structures in the District's floodplains, unless expressly permitted by the local government having jurisdiction. Other changes included updates to language for consistency with FEMA guidance and current terminology.

Once adopted, outreach will commence in 2020 to include, but not be limited to, contact with City and County Managers, Public Works Directors, Parks and Human Services Directors, Police Chiefs, and County Sheriffs.

Commissioner Szabo asked if there were any questions or comments from the Board and public. There being none, the public hearing was closed at 1:30 pm.

d. Adoption of Floodplain Map – Sloan’s Lake Drainageway and Tributaries

Commissioner Szabo opened the public hearing at 1:30 p.m. The District’s enabling legislation allows the District to regulate floodplains and the Board has adopted a floodplain regulation. The District does not enforce the Floodplain Regulation so long as the local governments are regulating their floodplains to FEMA minimum standards.

The regulation is kept up-to-date by adopting our new flood hazard area delineation studies (FHADs) from time to time following a public hearing.

There is one recent study for consideration for adoption:

- “Flood Hazard Area Delineation Sloan’s Lake Drainageway and Tributaries” (City and County of Denver, City of Lakewood, City of Wheat Ridge, City of Edgewater)

The above study was designated and approved by the Colorado Water Conservation Board (CWCB) on March 21, 2019. The FHADs are in digital format and available on the District’s website. The information in the new maps supersedes any previously adopted floodplain information.

Resolution No. 68 adopts the maps, profiles, and floodway tables contained in the FHAD reports listed in the resolution.

Commissioner Szabo requested comments or questions from the Board and public. There being none, the Floodplain Map Adoption Public Hearing was closed at 1:31 pm.

7. Executive Session

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

It was moved by Mr. Sellards and seconded by Councilman Paul Kashmann to go into Executive Session at 1:31 pm to review the findings of the Executive Director’s Annual Review Committee.

The Executive Session concluded at 1:50 pm. Following the session, the Board accepted the committee’s recommendations regarding the Executive Director’s yearly compensation.

8. Presentation Agenda

(Each resolution will, after introduction and presentation from District staff, be placed on the Consent Agenda unless a request is made by a Board Member for action upon the resolution separately.)

a. Certification of Tax Levy

(Resolution No. 61, Series of 2019)

Resolution No. 61, Certification of Tax Levy, was discussed during the Public Hearing portion of the meeting. There being no further comments or questions, it was the consensus of the Board to place Resolution No. 61 on the Consent Agenda.

b. Adoption of 2020 Budget

(Resolution No. 62, Series of 2019)

Resolution No. 62, Adoption of 2020 Budget, was discussed during the Public Hearing portion of the meeting. There being no further comments or questions, it was the consensus of the Board to place Resolution No. 62 on the Consent Agenda.

c. Appropriation of Funds for 2020

(Resolution No. 63, Series of 2019)

Resolution No. 63, Appropriation of Funds for 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. 63 on the Consent Agenda.

**d. Adoption of 2020 Work Program and Authorization of Expenditures
(Resolution No. 64, Series of 2019)**

Resolution No. 64, Adoption of 2020 Work Program and Authorization of Expenditures, 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. 64 on the Consent Agenda.

**e. Adoption of Five-Year Capital Improvement Plan (CIP) 2019-2023
(Resolution No. 65, Series of 2019)**

Resolution No. 65, Adoption of Five-Year Capital Improvement Plan (CIP) 2019-2023, 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. 65 on the Consent Agenda.

**f. Amendment to the District's Floodplain Regulation
(Resolution No. 66, Series of 2019)**

Resolution No. 66, Amendment to the District's Floodplain Regulation, 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. 66 on the Consent Agenda.

**g. Policy Regarding Preservation of Floodways and Floodplains and the Purchase
of Land for Future Improvements
(Resolution No. 67, Series of 2019)**

Resolution No. 67, Series of 2019, would repeal and replace the following two resolutions and their amendments: Floodplain Preservation Policy, Resolution No. 70, Series of 1989 (amended in 1990 and 1994); Establishment of Preservation Fund, Resolution No. 63, Series of 1991 (amended in 2001 and 2008). This resolution covers both the policy and the funding mechanism, and includes an increase in the funding level to approximately \$2 million. Mr. MacKenzie explained that the District would match expenditures to each county's pro rata revenue share over the history of the program. He went on to explain that this can be achieved with great equity but can't be done over a five-year period. Mr. MacKenzie will provide reports to the Board each time the funds are being used. If there is a county that is not getting their fair share, the District will provide a refund to their maintenance program balance.

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

**h. Adoption of Floodplain Map for Sloan's Lake Drainageway and Tributaries
(Resolution No. 68, Series of 2019)**

Resolution No. 68, Adoption of Floodplain Map for Sloan's Lake Drainageway and Tributaries, 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. 68 on the Consent Agenda.

**i. Authorization to Participate in a Planning Study of Henderson Creek and Tributaries
(Resolution No. 69, Series of 2019)**

In 2018, Adams County requested a major drainageway planning study for Henderson Creek and its tributaries. Commerce City agreed to participate in the study as funding sponsors. Due to development pressure, Commerce City requested an early start to the study and is contributing funds to initiate the study.

Previous MHFD studies of Henderson Creek and its tributaries include:

- "Second Creek and Direct Flow Area 0053 Outfall Planning Study," (Kiowa, 1990)

The previous master plan included recommendations that are no longer in line with current stream management practices, such as channelization and multiple drop structures. There is a significant amount of development anticipated in the near future and the local governments need to understand the flood risk to help guide development. The initial master planning costs are projected to be \$75,000 with Commerce City contributing \$50,000. Additional funding is anticipated in 2020 by Adams County.

Resolution No. 69 authorizes \$25,000 of District funds from the General Fund to be at least matched by Commerce City for the planning study.

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

- j. **Authorization to Participate in Drainage and Flood Control Improvements on Clear Creek at Burlington Northern Santa Fe Railway (BNSF) Crossing Between Pecos and Federal Boulevard, Adams County**
(Resolution No. 70, Series of 2019)

This is a joint project with Adams County and the Burlington Northern Santa Fe Railway (BNSF). Adams County and BNSF desire to design, acquire right-of-way, and construct improvements along Clear Creek in accordance with the "Major Drainageway Planning, Phase B Conceptual Design for Clear Creek," dated February 2008. The project includes improvements to remove a large, potentially hazardous, drop structure with a series of low-hazard drops to improve public safety. The project will incorporate instream and upland recreational opportunities and extend the regional trail along the creek.

Easement and right-of-way acquisition will be included in the project costs. The District is administering the design with Merrick & Company. The District, Adams County, and BNSF desire to construct the improvements which will be managed by the District. Construction is anticipated in 2020.

The District, Adams County, and BNSF have identified \$3,125,000 in initial project costs for the design, right-of-way acquisition, and partial funding of construction with the District's participation being \$125,000 in 2019 funds. It is anticipated that additional funds may be required for this project in the future.

Resolution No. 70 authorizes \$125,000 of District funds from the Special Revenue Fund - Construction to be at least matched by Adams County for the design, acquisition of right-of-way, and construction of the drainage elements of the project.

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

- k. **Authorization to Participate in Drainage and Flood Control Improvements on Little Willow Creek at Roxborough Road, Douglas County**
(Resolution No. 71, Series of 2019)

This is a joint project with Douglas County. Douglas County desires to design and construct improvements along Little Willow Creek at Roxborough Road in accordance with the "Willow Creek, Little Willow Creek, and East Willow Creek Watersheds Outfall Systems Plan, Preliminary Design Report," dated December 1998. The project includes improvements to the stream bed and bank. Douglas County already holds the necessary easements and right-of-way where the project will be carried out. The District will be administering the design with Muller Engineering Company, Inc.

The District and Douglas County desire to construct the improvements which will be managed by the District. Construction is anticipated in 2021. The District and Douglas County have identified \$50,000 in initial project costs for the design and partial funding of construction with the District's participation being \$25,000 in 2019 funds. It is anticipated that additional funds may be required for this project in the future.

Resolution No. 71 authorizes \$25,000 of District funds from the Special Revenue Fund - Construction to be at least matched by Douglas County for the design and construction of the drainage elements of the project.

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

l. Authorization to Participate in Drainage and Flood Control Improvements on Stroh Gulch Upstream of French Creek Avenue, Town of Parker, Douglas County (Resolution No. 72, Series of 2019)

The Town of Parker and the District cooperated in the preparation of "Oak Gulch and Stroh Ranch Area Outfall Systems Planning Preliminary Design Report," dated February 2003; which recommends improvements on Stroh Gulch upstream of French Creek Avenue.

North Parker Investments, LLC is developing the area along Stroh Gulch upstream of French Creek Avenue in the Town of Parker. The development is called Anthology North and consists of approximately 460 acres. The site is being developed for residential use. The Town of Parker, as part of their land development approval process, requires the master planned improvements to be implemented. The improvements include stream bank and bed stabilization.

The Town of Parker and North Parker Investments, LLC have requested that the District manage the design and construction of improvements required by the Town of Parker as a result of a development in lieu of North Parker Investments, LLC designing and constructing those improvements along Stroh Gulch upstream of French Creek Avenue. Preliminary project costs are estimated to be \$90,000.

Resolution No. 72 authorizes the District to collect funds from North Parker Investments, LLC into the Development Services Enterprise 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. 72 on the Consent Agenda.

m. Authorization to Participate in Drainage and Flood Control Improvements on Second Creek from I-76 to 112th Avenue, City of Commerce City, Adams County (Resolution No. 73, Series of 2019)

This is a joint project with Commerce City. Commerce City desires to design, acquire right-of-way, and construct improvements along Second Creek from I-76 to 112th Avenue in accordance with the "Second Creek Major Drainageway Plan Alternatives Analysis," dated January 2019. The project includes improvements to construct a large regional detention basin to offset the impacts of adjacent development, stream restoration work from I-76 to the O'Brian Canal, and a new drainage crossing of the O'Brian Canal. Easement and right-of-way acquisition will be included in the project costs.

Commerce City is administering the design with JR Engineering Company. The District and Commerce City have identified \$20,000,000 in total project costs for the design, right-of-way acquisition, and construction with the District's participation being \$250,000 in 2019 funds. It is anticipated that additional funds may be required for this project in the future.

Resolution No. 73 authorizes \$250,000 of District funds from the Special Revenue Fund - Construction to be at least matched by Commerce City 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. 73 on the Consent Agenda.

9. Consent Agenda

Mr. MacKenzie announced that the agenda items under the Consent Agenda, Resolutions No. 74, 75, 76, 77, and 78, Series of 2019 and Review of Cash Disbursements dated August, September, and October 2019, would not include presentations, and asked the Board if they had any questions regarding any of the resolutions included on the Consent Agenda. There being no further comments or questions, it was the consensus of the Board to place Resolutions No. 74, 75, 76, 77, and 78, Series of 2019, and the Review of Cash Disbursements dated August, September, and October 2019 on the Consent Agenda.

a. Review of Cash Disbursements

The Cash Disbursement list, dated August, September, and October 2019 has been distributed to the Board for review. There being no further comments or questions, it was the consensus of the Board to include approval of the Cash Disbursements on the Consent Agenda.

b. Additional Authorization to Participate in Drainage and Flood Control Improvements on Leyden Creek from Indiana Street to 72nd Avenue, City of Arvada, Jefferson County (Resolution No. 74, Series of 2019)

c. Additional Authorization to Participate in Drainage and Flood Control Improvements on Bullhead Gulch at BNSF Railroad Crossing, City of Louisville, Boulder County (Resolution No. 75, Series of 2019)

d. 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. 76, Series of 2019)

e. Additional Authorization to Participate in Drainage and Flood Control Improvements on Timbers Creek Downstream of Fox Sparrow Road, Douglas County (Resolution No. 77, Series of 2019)

f. Additional Authorization to Participate in Drainage and Flood Control Improvements on the Dahlia Street Outfall to the South Platte River, Adams County (Resolution No. 78, Series of 2019)

10. Vote on Approval of the Consent Agenda

It was the consensus of the Board that Resolutions No. 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, and 78, Series of 2019, and Review of Cash Disbursements dated August, September, and October 2019 be placed on the Consent Agenda. Commissioner Szabo moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

11. Other Business

a. Call for Volunteers: Nominating Committee for 2020 Officers

Commissioner Szabo requested volunteers to serve on the Nominating Committee for the 2020 Executive Committee. The following board members volunteered their services:

1. Commissioner Chaz Tedesco
2. Councilman Paul Kashmann
3. Commissioner Libby Szabo
4. Mayor Pro Tem John Marriott
5. Mayor Pro Tem Sam Weaver
6. Mr. Mark Hunter

At the November Board Meeting, the Nominating Committee will announce their recommendations and the Board will then vote on the recommendations. Commissioner Szabo also requested that any board member looking to serve on the Executive Committee should inform Ms. Amelia Deleon.

b. Call for Volunteers: 2020 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 the District are introduced. The following board members volunteered to serve on the 2020 Legislative Committee:

1. Mayor Bud Starker
2. Commissioner Matt Jones
3. Mayor Pro Tem Murphy Robinson
4. Mr. Dave Sellards
5. Commissioner Lora Thomas *(on 10/30 Commissioner Thomas requested to be added to the 2020 Legislative Committee)*

12. Reports/Discussions

a. Executive Director's Report

MHFD 2019 – 2021 Strategic Plan

The District recently updated its Strategic Plan for 2019 – 2021, which includes a focus on four areas: Culture, Organization, Customers, and Results. The District's Strategic Plan will be uploaded to the website once we launch the updated site.

Local Government Satisfaction Survey

The District conducts an annual survey of our local government partners to solicit feedback on the various service lines. Mr. MacKenzie will share the survey results with the Board at the November board meeting.

Flood Disaster and Mitigation Plan (FDMP) Update

The District intends to update the MHFD Flood Disaster and Mitigation Plan (FDMP) with changes aimed at helping us respond more effectively and efficiently to requests for things such as debris removal, repairs to stream channels and floodway corridors, and more. The Board will receive the resolution ahead of the November meeting and Mr. Kevin Stewart, Program Manager, Flood Warning & Information Services, will be presenting the updates.

13. Announcements

a. Next Board Meeting: Thursday, November 21, 2019

The next regularly scheduled Board meeting will take place on Thursday, November 21, 2019 and will include an all-staff lunch.

14. Adjournment

Commissioner Szabo adjourned the meeting at 1:55 p.m.

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 79, SERIES OF 2019
(Legislative Committee)

WHEREAS, Section 32-11-220(1)(l), C.R.S., provides that: "The district also has the following powers: To have and exercise all rights and powers necessary or incidental to or implied from the specific powers granted in this article, which specific powers shall not be considered as a limitation upon any power necessary or appropriate to carry out the purposes and intent of this article;"; 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 Mayor Bud Starker, Commissioner Matt Jones, Deputy Mayor Murphy Robinson, Commissioner Lora Thomas, 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)

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 80, SERIES OF 2019
(Authorization to Amend Lease at Diamond Hill)

WHEREAS, District offices have been located at the Diamond Hill Office Complex situated at 2480 West 26th Avenue, Suites 100-B, 156-B, and 310-B and are managed by Gemini Rosemont Realty, LLC since 1976; and

WHEREAS, the additional revenue generated by a special tax election of the registered electors of the District held on Tuesday, November 6, 2018 has created the need to hire additional District staff; and

WHEREAS, the District's current lease provides for 15,418 rentable square feet; and

WHEREAS, there is no additional workspace available for the additional staff within the District's current office suites; and

WHEREAS, an additional 1,286 rentable square feet has become available adjacent to the District's current office that would accommodate the new hires anticipated for 2020; and

WHEREAS, District staff is working with a tenant broker to negotiate a proposal for the additional space at the same terms and monthly rate as the District is now paying for the existing space being leased; and

WHEREAS, the cost of the additional space will lease for approximately \$40,000 for the first year with modest increases thereafter, in accordance with the same terms as the District's current lease agreement.

NOW, THEREFORE, BE IT RESOLVED THAT:

The Board of Directors of the Urban Drainage and Flood Control District d/b/a Mile High Flood District authorizes the Executive Director to negotiate and execute an amendment to the District's existing lease for additional office space at the Diamond Hill Office Complex for a term concurrent with the District's existing lease agreement.

(SEAL)

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 81, SERIES OF 2019
(Adoption of Flood Emergency Support Plan)

WHEREAS, the Board of Directors has previously adopted a Flood Disaster Plan (Resolution No. 15, Series of 1978) as amended by Resolution No. 27, Series of 1987; Resolution No. 24, Series of 1991; Resolution No. 22, Series of 1998; Resolution No. 14, Series of 2001; Resolution No. 16, Series of 2004; and Resolution No. 11, Series of 2007; and

WHEREAS, the previously adopted Flood Disaster Plan was renamed Flood Disaster and Mitigation Plan via Resolution No. 24, Series of 1991; and

WHEREAS, the Executive Director has prepared a revised Flood Disaster and Mitigation Plan and renamed it 'Flood Emergency Support Plan,' based on input from Wood, a consulting firm offering expertise in emergency management and mitigation planning; and

WHEREAS, the plan recognizes that state and federal agencies such as the National Weather Service and the Colorado Division of Homeland Security and Emergency Management have active roles during the warning and response phases of a flood emergency; and

WHEREAS, it is desirable for the District to have a plan to guide its actions before, during, and after a flood emergency or disaster; and

WHEREAS, the intent of the plan is to designate tasks for District action while minimizing duplication of those tasks more appropriate for local governments or disaster agencies.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 11, Series of 2007 is hereby rescinded.
2. The Board of Directors of the Urban Drainage and Flood Control District d/b/a Mile High Flood District approve and adopt the following Flood Emergency Support Plan (FESP).

SECTION 1.0 PURPOSE. This Flood Emergency Support Plan (FESP) has been established for the following purposes:

- 1.1 To designate tasks to be accomplished by the District before, during, and after a flood within the boundaries of the District. This plan in no way imposes a responsibility on local agencies.
- 1.2 To inform local governments and federal, state, and private disaster agencies of the assistance available from the District in the event of a flood.
- 1.3 To establish tasks and procedures to be accomplished by the District to reduce risks from floods to people, property, and the environment.
- 1.4 To establish tasks and procedures to be accomplished by the District to assist local governments and disaster agencies during a flood and during a post-flood recovery period.
- 1.5 To establish tasks and procedures enabling the District to learn more about the effects of flooding and the value of mitigative efforts in effect at the time of the flood.

SECTION 2.0 PRE-FLOOD TASKS. In order to reduce the effects of floods within the District prior to their occurrence, the District will begin or continue the following tasks in accordance with annual work programs and budgetary constraints:

- 2.1 Develop flood mitigation master plans for drainageways in cooperation with local governments.
- 2.2 Implement all or portions of the master plans referenced in Section 2.1 in cooperation with local governments. Allocation of District funds shall be in accordance with the District capital improvements expenditure policy as outlined in Resolution No. 11, Series of 1973, as amended (Resolution No. 49, Series of 1977; Resolution No. 37, Series of 2009; Resolution No. 34, Series of 2016) and District policy regarding floodway and floodplain preservation and land purchases for future improvements as outlined in Resolution No. 67, Series of 2019.
- 2.3 Annually notify flood hazard area occupants of the availability of federal flood insurance and other protective measures in accordance with Resolution No. 37, Series of 1976.
- 2.4 Delineate flood hazard areas and provide the delineations to local governments for their use in managing the flood hazard areas.
- 2.5 Assist local governments with their floodplain management efforts. Monitor the effectiveness of local floodplain management efforts in accordance with Resolution No. 20, Series of 1977. Enforce the District's Floodplain Regulation as last amended by Resolution No. 66, Series of 2019 within the boundaries of those local governments not adequately regulating their defined floodplains in accordance with applicable state, federal, or District criteria. Board action is required prior to enforcement of the District's regulation.
- 2.6 Support the National Flood Insurance Program (NFIP) by:
 - (1) Encouraging flood hazard area occupants to purchase flood insurance.
 - (2) Notifying local governments of the reduction in federal disaster assistance for damaged public structures that are under-insured; and of the reduction in federal disaster assistance from a cost-share of 75% federal / 25% local to a cost share of 25% federal / 75% local for facilities that are damaged more than once in a ten-year period by the same type of event and the facility owner has failed to implement appropriate mitigation measures.
 - (3) Notifying local governments of the "substantial damage and substantial improvement" federal requirements, regardless of the cause of the damage or the improvements.
 - (4) Hosting annual training programs for local governments that contain information about the NFIP, the District tasks listed in this plan, and other appropriate program guidance from state and federal disaster agencies as described in paragraph 2.14.
 - (5) Encouraging local governments to conduct annual flood response and recovery exercises.
 - (6) Emphasizing the need to develop and implement a strategy that addresses repetitive losses where applicable.
- 2.7 Supplement National Weather Service (NWS) advisories and forecasts by providing local governments with early predictions and notifications concerning potential flood threats.
- 2.8 Cooperate with local governments and other appropriate agencies in the planning and installation of flood detection systems and the formulation of flood warning, response, and recovery plans.
- 2.9 Annually, before the flood season, encourage local governments to inspect their flood detection systems and practice their flood warning/response/recovery plans. Provide District assistance upon request of local government(s). Such assistance applies primarily to those detection systems and plans funded with District monies, or which the District helped prepare.
- 2.10 Develop and keep current, a checklist of what actions other agencies will take in the event of a flood emergency or disaster and maintain a library of local government flood plans and procedures, to include those addressing mitigation, response, and recovery.
- 2.11 Coordinate District flood documentation activities with the Colorado Water Conservation Board (CWCB), U.S. Geological Survey (USGS), U.S. Army Corps of Engineers (USACE), NWS, the Colorado Division of Homeland Security and Emergency Management (DHSEM), and others. Reaffirm District responsibilities annually.

- 2.12 Carry out maintenance activities to ensure that drainageways and flood control structures function as well as possible.
- 2.13 Coordinate with DHSEM and CWCB annually to optimize the District's responsibilities and opportunities within the frameworks of Colorado's Enhanced State Hazard Mitigation Plan (E-SHMP), the Colorado Public Assistance Program Administrative Plan for the Federal Emergency Management Agency (FEMA) Hazard Mitigation Grant and Public Assistance Programs and the local hazard mitigation plans within the District.
- 2.14 Coordinate with DHSEM and FEMA when hosting District training sessions that address the NFIP (see paragraph 2.6) and state and federal disaster assistance programs. The disaster assistance training should address appropriate topics such as damage assessment, timely and accurate documentation, resource coordination, hazard mitigation planning, post-disaster responsibilities, and available funding for both state and federal disaster declarations. All District communities should be encouraged during the training to establish their own emergency contingency fund.
- 2.15 Make local governments aware of federal flood mitigation funding, as it becomes available.
- 2.16 Other tasks which become apparent and are approved by the Board of Directors at some future date.

SECTION 3.0 WARNING PHASE TASKS. Staff and equipment limitations may restrict the ability of the District to assist local governments during the warning phase of a potential flood emergency. To the extent practicable under the given circumstances, the District will undertake the following tasks:

- 3.1 Supplement NWS flood warnings by updating local governments concerning imminent flood threats, current flooding conditions, rainfall observations, and newly developing threats.
- 3.2 Implement those flood documentation tasks coordinated with other agencies under Section 2.11 of this plan.
- 3.3 Provide other assistance at the request of affected local governments.

SECTION 4.0 EMERGENCY RESPONSE PHASE TASKS. Staff and equipment limitations may also restrict the ability of the District to assist local governments during the emergency response phase. To the extent practicable under the given circumstances, the District will undertake the following tasks:

- 4.1 Inspect and photograph affected District funded flood control facilities for operational effectiveness during the flood event.
- 4.2 Implement those documentation tasks coordinated with other agencies under Section 2.11 of this plan.
- 4.3 Provide other assistance at the request of affected local governments.

SECTION 5.0 RECOVERY PHASE TASKS. During the recovery phase, the District will undertake the following short- and long-term tasks.

- 5.1 The following short-term tasks should be initiated within 30 days of the flood event:
 - (1) Those documentation tasks coordinated with other agencies under Section 2.11 of this plan. Share documentation information with local, state, and federal agencies, as appropriate.
 - (2) Inspect affected District owned or funded flood control facilities for effectiveness and damage incurred. Report damage to DHSEM and affected local governments as appropriate for inclusion in the overall damage assessment. Determine if damage was normal or unusual and unexpected. Determine why unexpected damage occurred and make appropriate adjustments to design and construction procedures. If the facility or drainage improvement prevented loss, document this performance and communicate losses avoided to DHSEM, particularly if funded by a FEMA mitigation grant. If a Presidential Disaster Declaration is issued the District could be an eligible applicant for federal assistance.
 - (3) Evaluate the effectiveness that District's annual notification effort (Section 2.3) may have had in reducing flood damage and preventing loss of life.

- (4) Evaluate effectiveness of District funded flood detection systems, flood warning plans, and dissemination methods in reducing damage and preventing loss of life. Determine what changes or improvements should be made.
 - (5) Compare actual flood discharges, depths and outlines with corresponding District flood hazard area delineations. Determine how well the mapped floodplains compare and the reasons for any substantial differences.
 - (6) Evaluate the effectiveness of the District's maintenance activities.
 - (7) Participate actively in state and federal disaster assistance process, where appropriate or requested.
 - (8) Support post-flood public information activities by state and local governments and supplement with District public messaging and materials as appropriate.
- 5.2 The following long-term tasks would not be initiated until at least 30 days after the flood event:
- (1) Assisting local governments with evaluation of existing master plans for their applicability to the recovery planning effort.
 - (2) Assisting local governments with the development of community-wide flood recovery and mitigation plans. Funding arrangements for this task will be subject to approval of the Board of Directors and the allocation of District funds as described in Section 2.2 plus the use of TABOR Emergency Reserve monies if a flood emergency is declared.
 - (3) Providing, to the extent possible under the given circumstances, technical assistance to local governments on request. Following flood events that do not qualify for either federal or state disaster assistance, contact CWCB and DHSEM to identify potential assistance available from state agencies under normal program authorities.
 - (4) Participating actively in state and federal disaster assistance process, where appropriate. Grant program activities may include identifying and notifying potential applicants; providing technical assistance for the development of eligible recovery and mitigation projects; assisting local governments, DHSEM and CWCB in prioritizing and selecting eligible projects; and providing financial and technical assistance to local government applicants within the District.
 - (5) Ensuring that past floodplain development mistakes are not repeated during the recovery phase by:
 - Monitoring the effectiveness of floodplain management efforts of affected local governments paying particular attention to substantial damage and improvements requirements. If the Executive Director determines that local governments are not regulating the floodplain in accordance with applicable state, federal, or District criteria, they shall bring this fact to the attention of the Board of Directors, who shall consider enforcement of the District's Floodplain Regulation in those areas.
 - Requiring District approval of all flood control facilities to be built on drainageways in the disaster area.
- 5.3 Consider allocation of District funds for short-term and long-term recovery and mitigation plan implementation upon request of local governments including:
- (1) Use of the TABOR Emergency Reserve funds authorized under Resolution No. 37, Series of 2017.
 - (2) Use of District capital improvement funds as described in Section 2.2.
 - (3) Other assistance requested by affected local governments and approved by the Board of Directors.

Any such consideration will first consider any potential for using these funds as a source to match state or federal funds available for the proposed use. When a federal disaster declaration has been made for any portion of the District, particular attention will be paid to the availability of matching funds under FEMA's Hazard Mitigation Grant Program.

SECTION 6.0 ADMINISTRATION

- 6.1 The Executive Director shall administer the provisions of this FESP.
- 6.2 The Executive Director shall establish a Standard Operating Procedure (SOP) to ensure the prompt implementation of the FESP.
- 6.3 The Executive Director shall review the FESP and the SOP prior to each flood season. Any required changes to the FESP shall be brought before the Board of Directors for their consideration.
- 6.4 The Executive Director shall review and exercise (as appropriate) the FESP and SOP annually.
- 6.5 Prior to implementation of Section 5.0 RECOVERY PHASE TASKS, the Executive Director shall, after consultation with the affected local governments and the Board Chair, or in the absence of the Board Chair, the Board Chair Pro-Tem, determine that a flood emergency exists.

(SEAL)

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 82, SERIES OF 2019
(Authorization to Agree in Writing to Accept the Use of Property Tax Increment Financing for the
Proposed 4201 East Arkansas Avenue Urban Redevelopment Area)

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

WHEREAS, the District understands that the Denver Urban Renewal Authority (DURA) and the City and County of Denver (Denver) intend to adopt the 4201 East Arkansas Avenue Urban Redevelopment Plan and to create the 4201 East Arkansas Urban Redevelopment Property Tax Increment and Sales Tax Increment Area; and

WHEREAS, the 4201 East Arkansas Urban Redevelopment Plan approves the construction of:

- At least one hundred and fifty (150) affordable housing units
- Approximately 684 to 760 market rate residential apartment units
- Approximately 100,200 square feet of commercial, restaurant, and retail space
- Approximately 130-key hotel rooms
- Parking necessary to support the project; and

WHEREAS, DURA and Denver have made a written request of the District to accept the use of property tax increment financing for the 4201 East Arkansas Urban Redevelopment Area (Exhibit A); and

WHEREAS, an aerial image outlining the location of the redevelopment area is attached hereto as Exhibit B; and

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

WHEREAS, no extraordinary circumstances have been brought to the attention of the Board of Directors of the District by a Board Member that would prevent the District agreeing in writing to accept the use of property tax increment financing for the proposed 4201 East Arkansas Redevelopment Area; and

WHEREAS, the fiscal impact to the District resulting from this resolution is a property tax revenue reduction of approximately \$778,000 (under the current revenue projections) over the 25-year term of the property tax increment financing; and

WHEREAS, the District has prepared a letter to DURA setting forth the terms of the District's agreement to accept the use of property tax increment financing for the 4201 East Arkansas Redevelopment Area, which letter is attached hereto as Exhibit C; and

WHEREAS, the attached Exhibit C letter, in order for the District's approval to be binding, requires the acknowledgement and agreement of DURA.

NOW THEREFORE, BE IT RESOLVED THAT:

1. The Board of Directors of the Urban Drainage and Flood Control District d/b/a Mile High Flood District hereby agrees to accept the use of property tax increment financing for the proposed 4201 East Arkansas Redevelopment Area.
2. The Executive Director of the Mile High Flood District is authorized to execute the attached Exhibit "C" letter and forward it to Mr. Joshua Widoff, Chair, Denver Urban Renewal Authority (DURA).
3. The agreement of the District contained in the attached Exhibit "C" letter will become effective upon the District's receipt of a copy of the letter bearing the signature of Mr. Joshua Widoff, Chair, DURA, acknowledging and agreeing to the terms of the letter.
4. The agreement of the District contained in the attached Exhibit "C" letter will expire by its own terms if the 4201 East Arkansas Project is not commenced by December 31, 2020.

(SEAL)

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 82, SERIES OF 2019
(Authorization to Agree in Writing to Accept the Use of Property Tax Increment Financing for the
Proposed 4201 East Arkansas Avenue Urban Redevelopment Area)

EXHIBIT A: DURA Request Letter



MEMORANDUM

To: Urban Drainage and Flood Control District
Ken MacKenzie, Executive Director

From: Tracy Huggins, Executive Director

Date: October 24, 2019

RE: 4201 East Arkansas Urban Redevelopment Plan

The Denver Urban Renewal Authority ("DURA") is working with the City and County of Denver and a local developer to seek City Council approval of the proposed 4201 East Arkansas Urban Redevelopment Plan (the "Plan"). A public hearing by City Council for the Plan is expected to be scheduled for December 2, 2019. When City Council considers a new plan or an amendment to an existing plan, one of their findings must be that DURA has negotiated an agreement governing the types and limits of tax revenues to be allocated to the urban redevelopment project. Accordingly, DURA is seeking approval of a Letter Agreement with the Urban Drainage and Flood Control District addressing the use of property tax increment to support the redevelopment project.

Background

The proposed Urban Redevelopment Area ("Area") is an area of 13.2 acres of six parcels and surrounding rights-of-way located in the Virginia Village statistical neighborhood. The Area is generally bounded by East Louisiana Avenue to the north, South Birch Street to the east, East Arkansas Avenue to the south, and the eastern property line of the private commercial property fronting Colorado Boulevard to the west. One of the six parcels included in the Area is located east of South Birch Street at the northeast corner of East Arkansas Avenue and South Birch Street. The Area served as the Colorado Department of Transportation ("CDOT") headquarters for approximately 65 years.

In 2018, CDOT consolidated its operations and relocated to a new building near the intersection of West Howard Place and Federal Boulevard. Many of the site amenities and the pedestrian infrastructure at the East Arkansas headquarters fell into disrepair over the 65-year life of operations. In addition, environmental contamination was found on much of the site requiring a complex abatement process. Colorado state law requires properties owned by the State of Colorado to be offered to local government entities first, before they may be offered for sale to a private purchaser. The City and County of Denver was the successful bidder for the site. After being selected, the City and County of Denver chose a master developer, through a competitive selection process, to transform the deteriorating vacant site into a mixed-use and pedestrian-friendly neighborhood center. In December 2018, much of the site was rezoned from the Campus (CMP-E12) zone district to a variety of mixed-use and residential zone districts, including S-MU-3, S-

MX-3, S-MX-5 and S-MX-8, with the intention of incentivizing the creation of a pedestrian-oriented community asset that transitions appropriately into the existing neighborhood.

Proposed Redevelopment Project

The development program proposed by the Redeveloper includes the following:

- at least one hundred and fifty (150) housing units with a maximum affordability restriction of sixty percent (60%) AMI (area median income) with an affordable period of no less than twenty (20) years
- Approximately 684 to 760 market rate residential apartment units as further described below:
 - ~205 market rate rental units
 - ~180 Age Restricted (55+) Market rental units
 - ~200 Assisted Living units
 - ~150 For-Sale units
- Approximately 100,200 square feet of commercial, restaurant, and retail space
- Approximately 130-key hotel
- Parking necessary to support the Project

The developer selected by the City, Kentro Group, will complete the horizontal improvements, as part of the Project, and either sell the improved land (i) to a 3rd-party vertical developer or (ii) develop the vertical components under an affiliated entity. It is anticipated that a different affiliate of the Redeveloper will enter into an agreement with the vertical developer to purchase the retail components of the development, upon completion, at a price equal to the cost to develop the retail components, including the cost of land acquisition. The development vision has not been finalized however Kentro has presented their concept to the community, which can be reviewed at the link below.

http://kentrogroup.com/wp-content/uploads/2019/09/190924_Kentro_Public-Presentation_DRAFT-002.pdf

Urban Redevelopment Plan

The proposed Plan defines the objectives for blight elimination, redevelopment, and revitalization within the Area. The Plan authorizes the use of tax increment financing to achieve the Plan objectives and creates a property tax increment and sales tax increment area which are coterminous with the Area. A general overview of the Plan follows.

Conditions (Blight) Study Findings

Following notification of area property owners, a Conditions Study was conducted. Within the study area, 5 of the 11 possible blight factors were identified as being present. The blight factors identified within the study area are:

1. Unsanitary or unsafe conditions
2. Deterioration of site or other improvements
3. Unusual topography or inadequate public improvements or utilities
4. Environmental contamination of buildings or property

5. Existence of health, safety or welfare factors requiring high levels of municipal services or substantial physical underutilization or vacancy of sites, buildings, or other improvements

The proposed Plan seeks to eliminate blight through the creation of the Area. The main objectives of this Plan are to reduce or eliminate blighted conditions and to stimulate growth and development of the Area. This Plan will seek to promote the following objectives:

- Eliminate blight
- Improve access to healthy transportation options, healthy foods, and existing and new parks
- Promote a diverse, sustainable neighborhood economy, including mixed use and commercial development opportunities
- Encourage land use patterns that result in a more environmentally sustainable city
- Encourage commercial, residential and retail development that is socially and economically inclusive
- Assist the City in cultivating complete and inclusive neighborhoods
- More effectively use underdeveloped land in the area
- Encourage land use patterns where pedestrians are safe and welcome
- Improve the economy of the City by stabilizing and upgrading property values
- Encourage high and moderate density development where appropriate
- Achieve goals as outline in adopted City Plans

Alignment with City Goals and Planning Objectives

In drafting the goals and objectives of the Plan, DURA has sought to align them with existing City plans for the Area. DURA will be presenting the Plan to the Denver Planning Board on November 6, 2019 to request their finding of the Plan to be in conformance with Denver Comprehensive Plan 2040, Blueprint Denver and the Colorado Boulevard Plan.

Consideration by Urban Drainage and Flood Control District (UDFCD)

The Plan is expected to be approved by the DURA Board of Commissioners at their meeting scheduled for November 21, 2019 and a public hearing before Council has been set for December 2, 2019. DURA believes the planning efforts to date and the conditions of the property have successfully identified both the challenges facing the property and a vision for its revitalization. As such, DURA believes adoption of the Plan will be a key tool for addressing those challenges and implementing that vision.

Given the nature of the redevelopment activities, which do not anticipate material storm drainage impacts, DURA is anticipating the expected impact to UDFCD from the approval of the Plan and the Project to be immaterial. Accordingly, DURA has prepared the attached Letter Agreement ("Agreement") between DURA and UDFCD in a form similar to that entered into between the parties previously. The Agreement would, among other matters, allow for the incremental property taxes derived from the UDFCD mill levy to be paid to DURA consistent with prior practices.

We have appreciated your past support of DURA's redevelopment projects in challenged areas of Denver. If you have any questions or would like further information on this project, please do not hesitate to contact me.

EXHIBIT B: LOCATION



EXHIBIT C: LETTER AGREEMENT



Mile High Flood District
1555 California Street, Suite 200
Denver, CO 80202



November 21, 2019

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

Dear Ms. Huggins and Mr. Widoff:

This letter agreement ("Agreement") is entered into pursuant to Section 31-25-107(9.5), C.R.S. The Urban Drainage and Flood Control District d/b/a Mile High Flood District ("District") understands that the Denver Urban Renewal Authority ("Authority") and the City and County of Denver ("Denver") intend to adopt the 4201 East Arkansas Urban Redevelopment Plan (the "Urban Redevelopment Plan") and to create the 4201 East Arkansas Property Tax Increment and Sales Tax Increment Area (the "Tax Increment Area").

The District is in receipt of the Urban Redevelopment Plan creating the 4201 East Arkansas Urban Redevelopment Area as proposed to the City Council of Denver and, the proposed Ordinance establishing the Tax Increment Area and authorizing the use of property tax increment and sales tax increment for redevelopment of the Urban Redevelopment Area.

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

The District further agrees that, as permitted under C.R.S. § 31-25-107(9.5)(b)(i), the District waives the requirements of (i) any future notice, except for substantial modifications or amendments to the Urban Redevelopment Plan, including the addition of a project or regarding the modification of the Tax Increment Area under the Urban Redevelopment Plan, (ii) any future filings with or by the District, (iii) any requirement for future consent by the District, except consent to any substantial modifications or amendments to the Urban Redevelopment Plan, including the addition of a project or regarding the modification of the Tax Increment Area under the Urban Redevelopment Plan and (iv) any enforcement right regarding the Urban Redevelopment Plan, or matters contemplated under the Urban Redevelopment Plan, except that the District shall have the right to take any actions necessary to enforce this Agreement.

If Denver and the Authority desire that the drainage and flood control facilities constructed as part of the Urban Redevelopment Plan be eligible for future District maintenance assistance, they shall comply with all terms and

Witnessing my hand, on this 21st day of November, 2019.

conditions of Amended Resolution No. 38, Series of 2011 as amended by Resolution 21, Series of 2016, including but not limited to Resolution No. 26, Series of 1983 of the District.

The consent of the District to the Urban Redevelopment Plan will expire and be of no force and effect unless the 4201 East Arkansas Project is commenced by December 31, 2020.

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

Respectfully,

Ken MacKenzie
Executive Director
Mile High Flood District

ACKNOWLEDGED AND AGREED:

DENVER URBAN RENEWAL AUTHORITY

By: _____
Joshua Widoff
Chair

Date: _____

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 83, SERIES OF 2019
(Acceptance of a Flood Hazard Area Delineation Report for Plum Creek,
East Plum Creek, West Plum Creek)

WHEREAS, the District cooperated with Douglas County in the preparation of a flood hazard area delineation (FHAD) report for Plum Creek (Resolution No. 61, Series of 2014); and

WHEREAS, the Executive Director executed an agreement for engineering services with the consulting firm Enginuity Engineering Solutions, LLC to conduct studies and prepare a FHAD study for Plum Creek; and

WHEREAS, Enginuity Engineering Solutions, LLC has completed the study and submitted to the District the report titled "Flood Hazard Area Delineation Report for Plum Creek, East Plum Creek, and West Plum Creek," dated October 2019; and

WHEREAS, the Board has previously indicated its desire that the results of such studies be provided to the local governments so as to assist such local governments in meeting the requirements of 24-65.1-101, et seq. C.R.S.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board of Directors of the Urban Drainage and Flood Control District d/b/a Mile High Flood District hereby accepts the report titled "Flood Hazard Area Delineation Report for Plum Creek, East Plum Creek, and West Plum Creek," dated October 2019, and recommends its use as a guide in future planning related to the floodplains contained therein.
2. The Board of Directors of the Mile High Flood District recommends that Douglas County adopts the report and regulates the 100-year floodplains defined in the report.
3. The Board of Directors of the Mile High Flood District submit the report for designation and approval by the Colorado Water Conservation Board as stated in 37-60-106(1)(c) C.R.S., as flood hazard areas, those areas described as being inundated by the 100-year flood.

(SEAL)

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 83, SERIES OF 2019
(Acceptance of a Flood Hazard Area Delineation Report for Plum Creek,
East Plum Creek, West Plum Creek)

EXHIBIT A

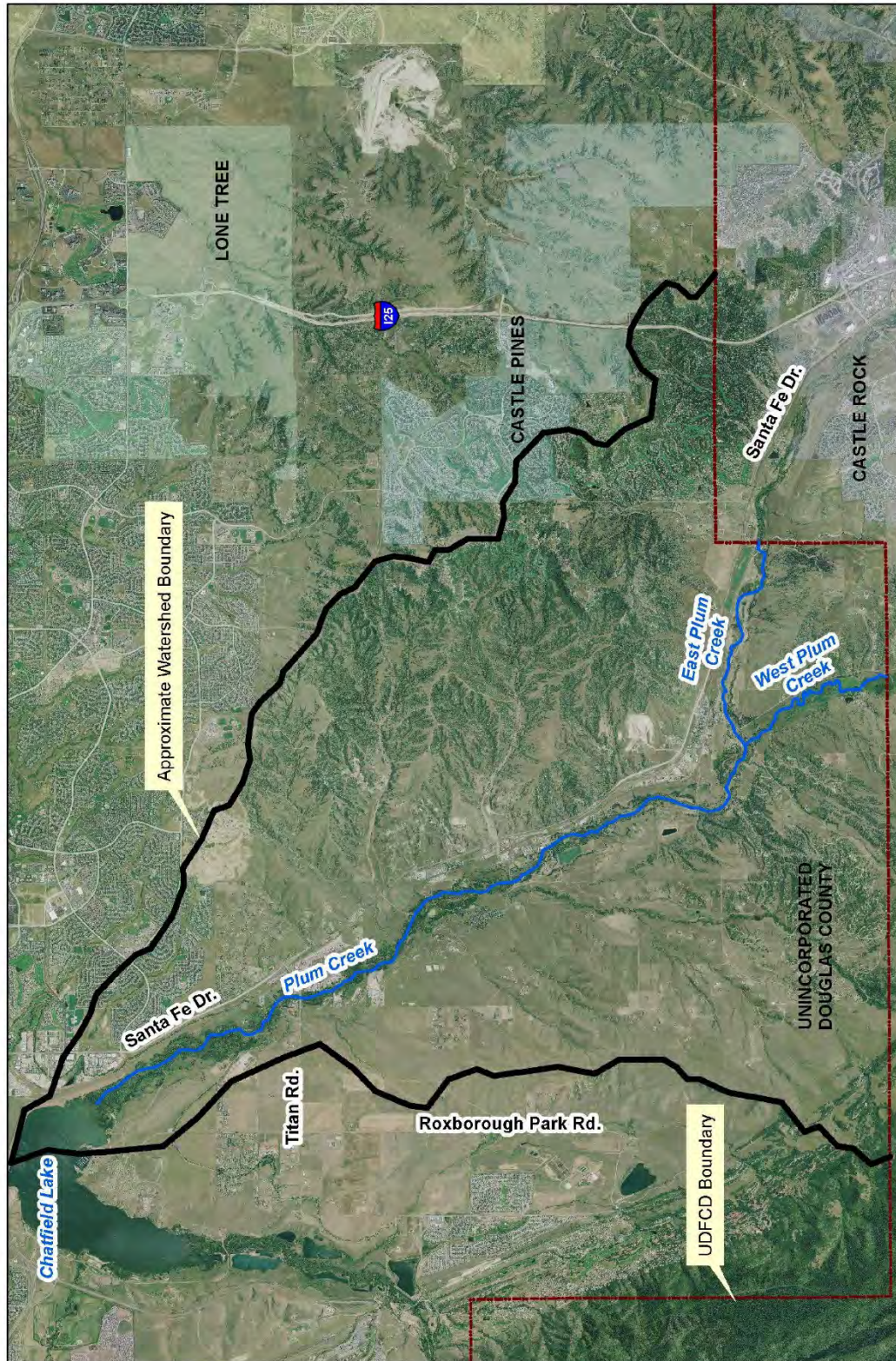


EXHIBIT A
PLUM CREEK
Major Drainage Plan & FHAD
November 2014

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 84, SERIES OF 2019
(Authorization to Participate in Drainage and Flood Control Improvements
on Mustang Run at Washington Street to 152nd Avenue, City of Thornton, Adams County)

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

WHEREAS, the City of Thornton has enacted floodplain regulations; and

WHEREAS, the City of Thornton and the District cooperated in the preparation of "Big Dry Creek Northern Tributaries Outfall Systems Plan," dated March 2007 which recommends improvements on Mustang Run at Washington Street to 152nd Avenue; and

WHEREAS, the City of Thornton and Hillwood Development Company, LLC have requested that the District manage the design and construction of improvements required by the City of Thornton as a result of a development in lieu of Hillwood Development Company, LLC designing and constructing those improvements along Mustang Run at Washington Street to 152nd Avenue (Exhibit A); and

WHEREAS, preliminary project costs are estimated to be \$2,000,000; and

WHEREAS, the District established a water activity enterprise known as the Development Services Enterprise (DSE) (Resolution No. 38, Series of 2017) which allows the District to collect design, construction, and administration fees from Hillwood Development Company, LLC to manage the design and construction of drainage and flood control improvements along Mustang Run at Washington Street to 152nd Avenue; and

WHEREAS, expenditures in 2019 from the DSE have been budgeted (Resolution No. 64, Series of 2018).

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director of the Urban Drainage and Flood Control District d/b/a Mile High Flood District is authorized to execute the necessary agreements with Hillwood Development Company, LLC for the design and construction of drainage and flood control improvements on Mustang Run at Washington Street to 152nd Avenue.
2. The District is authorized to collect from Hillwood Development Company, LLC sufficient fees to cover the cost of the preliminary design, the final design, and construction of the improvements, plus the District's administrative fee and to deposit those fees in a project-specific account in a separate Development Services Enterprise (DSE) fund which shall be set apart from all other funds of the District.
3. The Executive Director is authorized to enter into agreements with qualified engineers, qualified contractors, and others as necessary for the design and construction of drainage and flood control improvements on Mustang Run at Washington Street to 152nd Avenue.

(SEAL)

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

Date: _____

ATTEST:

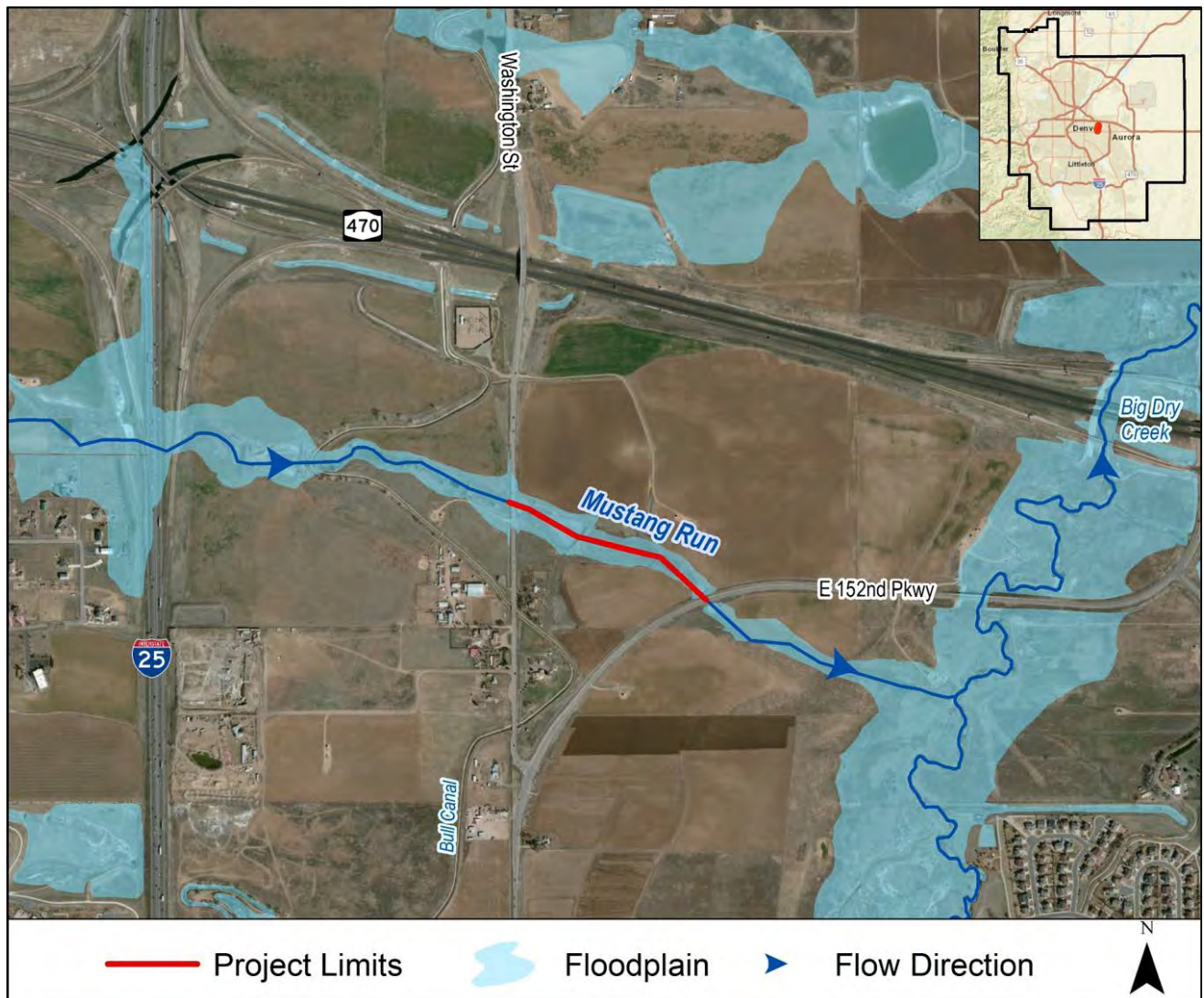
Secretary

Chairperson

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 84, SERIES OF 2019
(Authorization to Participate in Drainage and Flood Control Improvements
on Mustang Run at Washington Street to 152nd Avenue, City of Thornton, Adams County)

EXHIBIT A



URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 85, SERIES OF 2019
(Authorization to Participate in Drainage and Flood Control Improvements
on Rooney Gulch Downstream of Yale Avenue, City of Lakewood, Jefferson County)

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

WHEREAS, Jefferson County has enacted floodplain regulations; and

WHEREAS, Jefferson County and the District cooperated in the preparation of "Morrison Area Major Drainageway Plan," dated January 1990 which recommends improvements on Rooney Gulch downstream of Yale Avenue; and

WHEREAS, Jefferson County and Cardel Rooney Valley LP have requested that the District manage the design and construction of improvements required by Jefferson County as a result of a development in lieu of Cardel Rooney Valley LP designing and constructing those improvements along Rooney Gulch downstream of Yale Avenue (Exhibit A); and

WHEREAS, preliminary project costs are estimated to be \$1,500,000; and

WHEREAS, the District established a water activity enterprise known as the Development Services Enterprise (DSE) (Resolution No. 38, Series of 2017) which allows the District to collect design, construction, and administration fees from Cardel Rooney Valley LP to manage the design and construction of drainage and flood control improvements along Rooney Gulch downstream of Yale Avenue; and

WHEREAS, expenditures in 2019 from the DSE have been budgeted (Resolution No. 64, Series of 2018).

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director of the Urban Drainage and Flood Control District d/b/a Mile High Flood District is authorized to execute the necessary agreements with Cardel Rooney Valley LP for the design and construction of drainage and flood control improvements on Rooney Gulch downstream of Yale Avenue.
2. The District is authorized to collect from Cardel Rooney Valley LP sufficient fees to cover the cost of the preliminary design, the final design, and construction of the improvements, plus the District's administrative fee and to deposit those fees in a project-specific account in a separate Development Services Enterprise (DSE) fund which shall be set apart from all other funds of the District.
3. The Executive Director is authorized to enter into agreements with qualified engineers, qualified contractors, and others as necessary for the design and construction of drainage and flood control improvements on Rooney Gulch downstream of Yale Avenue.

(SEAL)

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 85, SERIES OF 2019
(Authorization to Participate in Drainage and Flood Control Improvements
on Rooney Gulch Downstream of Yale Avenue, City of Lakewood, Jefferson County)

EXHIBIT A



URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 86, SERIES OF 2019
(Authorization to Participate in a Planning Study of Lena Gulch and Tributary H)

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 Board has previously established a Work Program for 2020 (Resolution No. 64, Series of 2019) which includes master planning; and

WHEREAS, the Board previously cooperated with the City of Golden, the City of Lakewood, and Jefferson County in the preparation of "Upper Lena Gulch Major Drainageway Plan," dated March 1994; and

WHEREAS, the City of Golden has expressed a desire to participate in a study leading to a major drainageway plan for Lena Gulch and Tributary H; and

WHEREAS, the Board wishes to cooperate with the City of Golden in the identification of solutions to stormwater drainage and flood control management problems for Lena Gulch and Tributary H (Exhibit A); and

WHEREAS, the initial cost of engineering and mapping services for the study is estimated to be \$40,000 and is expected to be divided among participating entities as follows:

Sponsor	Master Plan Contribution
MHFD	\$20,000
City of Golden	\$20,000
TOTAL	\$40,000

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director of the Urban Drainage and Flood Control District d/b/a Mile High Flood District is authorized to execute an agreement with the City of Golden to fund the required engineering and mapping services for the Lena Gulch and Tributary H planning study.
2. The Executive Director is authorized to enter into agreements with qualified engineers, surveyors, and others as necessary for preparation of the study.
3. The expenditures for the engineering and mapping services are estimated to be \$40,000 and the District's share of total costs shall not exceed \$20,000 plus interest earned on monies deposited in the project fund, which contribution for the planning portion of this project shall be at least matched by the City of Golden.

(SEAL)

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 86, SERIES OF 2019
(Authorization to Participate in a Planning Study of Lena Gulch and Tributary H)

EXHIBIT A

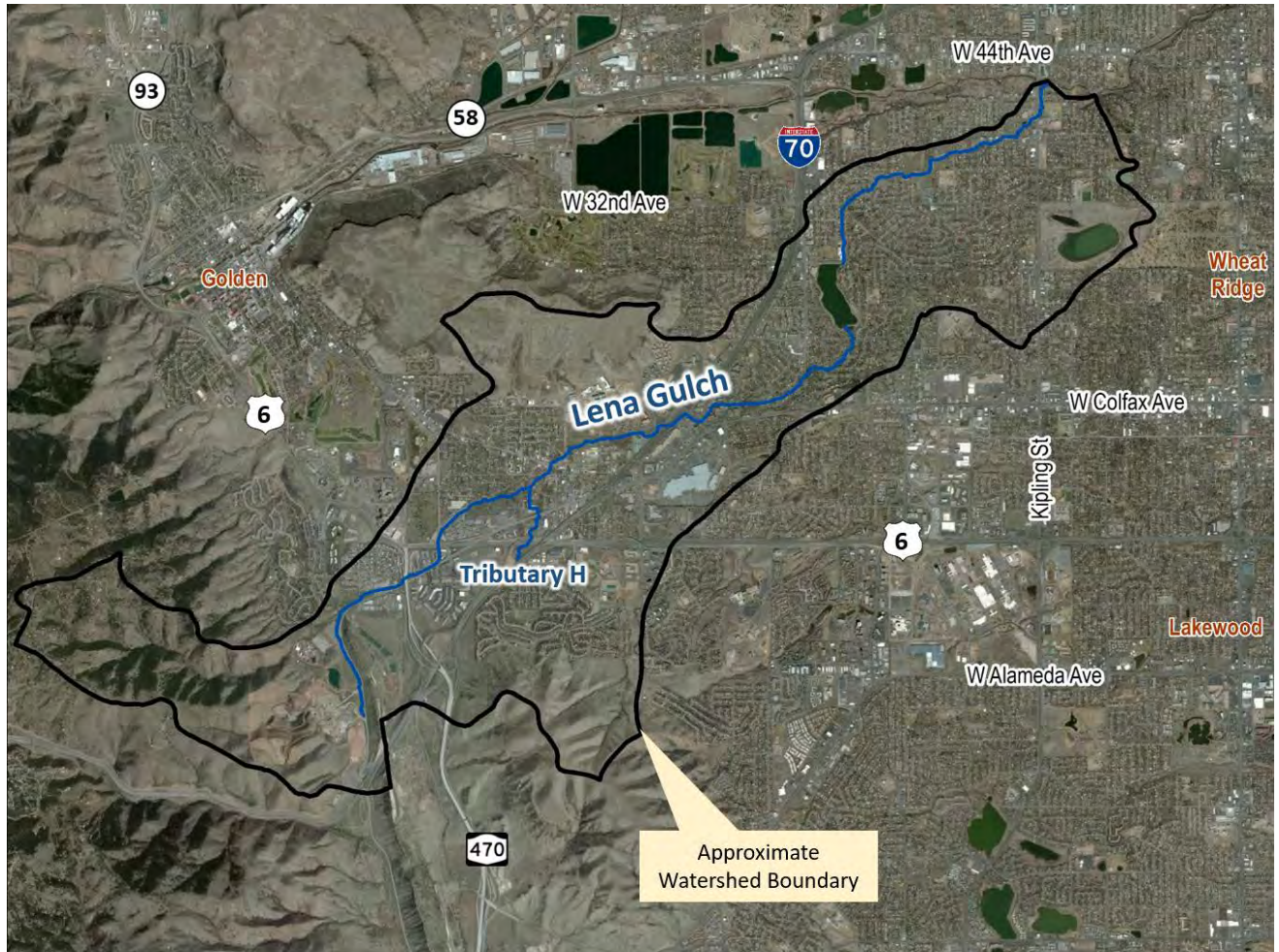


EXHIBIT A
LENA GULCH AND TRIBUTARY H

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 87, SERIES OF 2019
(Additional Authorization to Participate in Drainage and Flood Control Improvements
on North Dry Gulch from Lamar Street to Teller Street, City of Lakewood, Jefferson County)

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

WHEREAS, the City of Lakewood has enacted floodplain regulations; and

WHEREAS, the City of Lakewood and the District cooperated in the preparation of "Outfall Systems Planning, North Dry Gulch," dated October 1995; and

WHEREAS, the Board previously authorized \$3,775,000 for the North Dry Gulch from Lamar Street to Teller Street project (Table 1); and

Table 1
North Dry Gulch from Lamar Street to Teller Street
Previous Authorizations

Resolution No.	Series of	District Authorization	Local Share	Work Elements
65	2008	\$350,000	\$350,000	OSP Update, Initiate Design
42	2011	\$200,000	\$200,000	Design
25	2013	\$475,000	\$475,000	Design, Right-of-Way Acquisition
60	2013	\$650,000	\$650,000	Right-of-Way Acquisition
74	2014	\$450,000	\$450,000	Construction Funding
82	2015	\$600,000	\$600,000	Construction Funding
08	2017	\$525,000	\$525,000	Construction Funding
29	2018	\$525,000	\$525,000	Construction Funding
TOTAL		\$3,775,000	\$3,775,000	

WHEREAS, the City of Lakewood and the District now desire to construct improvements along North Dry Gulch from Lamar Street to Teller Street (Exhibit A); and

WHEREAS, the District's additional participation being authorized by this resolution is \$425,000 to be at least matched by the City of Lakewood; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019 which includes funds for construction of drainage and flood control improvements along North Dry Gulch from Lamar Street to Teller Street; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for the improvements along North Dry Gulch from Lamar Street to Teller Street.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 65, Series of 2008, Paragraph 3, is further amended as follows:
"The District's maximum contribution to the North Dry Gulch from Lamar Street to Teller Street project without prior approval of the Board shall be ~~\$3,775,000~~ **\$4,200,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Lakewood."
2. All other conditions and authorizations remain as stated in Resolution No. 65, Series of 2008.

(SEAL)

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT
Date: _____

ATTEST:

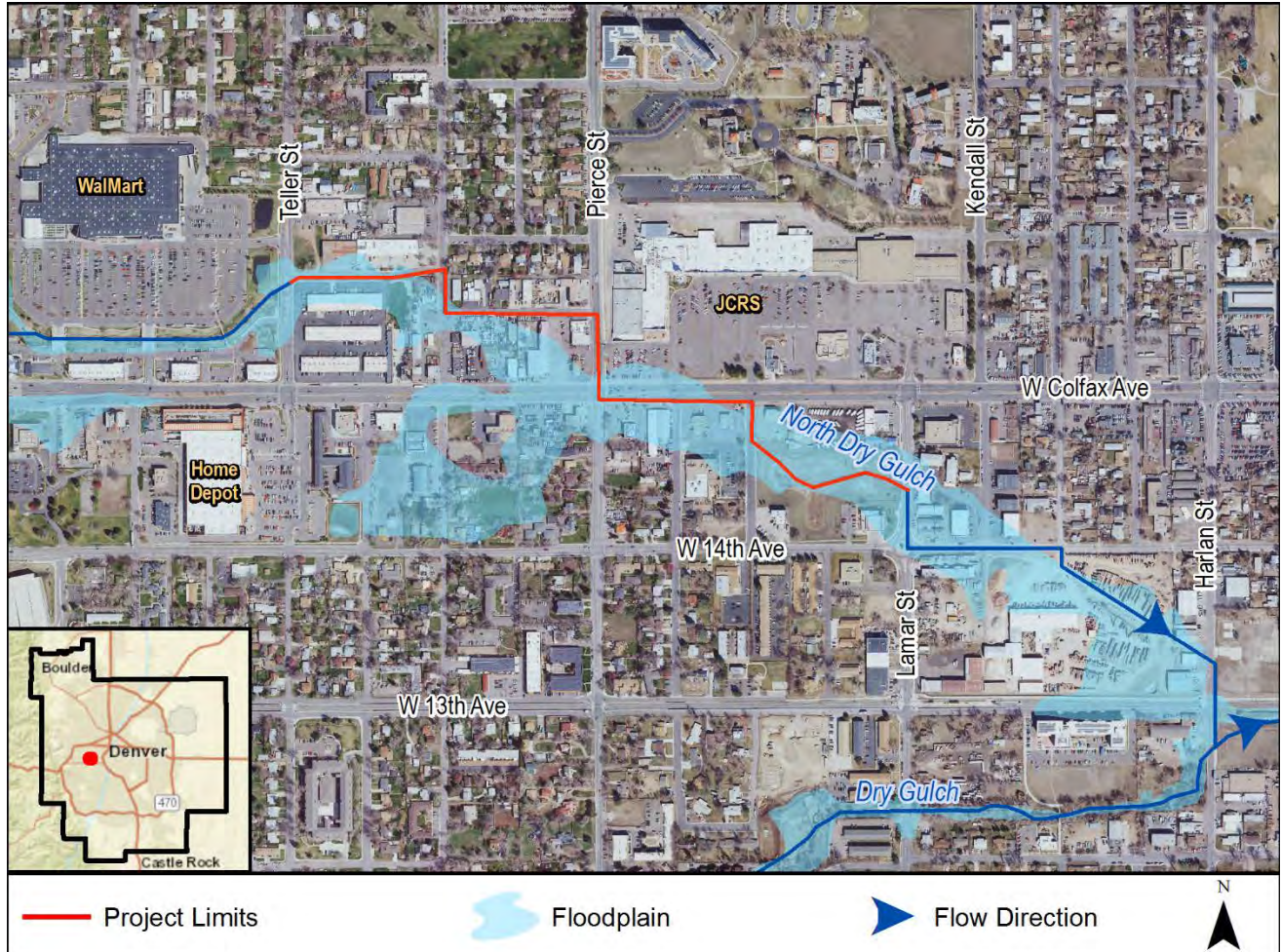
Secretary

Chairperson

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 87, SERIES OF 2019
(Additional Authorization to Participate in Drainage and Flood Control Improvements
on North Dry Gulch from Lamar Street to Teller Street, City of Lakewood, Jefferson County)

EXHIBIT A



URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 88, SERIES OF 2019
(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Platte Farm Open Space Detention Basin, City and County of Denver)

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

WHEREAS, the City and County of Denver has enacted floodplain regulations; and

WHEREAS, the City and County of Denver and the District cooperated in the preparation of "Globeville – Utah Junction Watershed Outfall Systems Plan," dated May 2013; and

WHEREAS, the Board previously authorized \$750,000 for the Platte Farm Open Space Detention Basin project (Table 1); and

Table 1
Platte Farm Open Space Detention Basin
Previous Authorizations

Resolution No.	Series of	District Authorization	Local Share	Work Elements
18	2017	\$150,000	\$1,250,000	Design and Construction Funding
34	2019	\$600,000	\$606,103	Design and Construction Funding
TOTAL		\$750,000	\$1,856,103	

WHEREAS, the City and County of Denver and the District now desire to construct improvements along Platte Farm Open Space Detention Basin (Exhibit A); and

WHEREAS, the District's additional participation being authorized by this resolution is \$750,000 to be at least matched by the City and County of Denver; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019 which includes funds for construction of drainage and flood control improvements along Platte Farm Open Space Detention Basin; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for the improvements along Platte Farm Open Space Detention Basin.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 18, Series of 2017, Paragraph 3, is further amended as follows:
"The District's maximum contribution to the Platte Farm Open Space Detention Basin project without prior approval of the Board shall be ~~\$750,000~~ **\$1,500,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City and County of Denver."
2. All other conditions and authorizations remain as stated in Resolution No. 18, Series of 2017.

(SEAL)

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 88, SERIES OF 2019
(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Platte Farm Open Space Detention Basin, City and County of Denver)

EXHIBIT A



URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 89, SERIES OF 2019
(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Willow Creek Outfall at Rampart Range Road, Douglas County)

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

WHEREAS, Douglas County has enacted floodplain regulations; and

WHEREAS, Douglas County and the District cooperated in the preparation of "Willow Creek, Little Willow Creek, and East Willow Creek Outfall Systems Plan Preliminary Design Report," dated December 1998; and

WHEREAS, the Board previously authorized \$400,000 for the Willow Creek Outfall at Rampart Range Road project (Table 1); and

Table 1
Willow Creek Outfall at Rampart Range Road
Previous Authorizations

Resolution No.	Series of	District Authorization	Local Share	Work Elements
15	2014	\$375,000	\$375,000	Design, Right-of-Way, Construction
60	2019	\$25,000	\$25,000	Construction
TOTAL		\$400,000	\$400,000	

WHEREAS, Douglas County and the District now desire to construct improvements along Willow Creek Outfall at Rampart Range Road (Exhibit A); and

WHEREAS, the District's additional participation being authorized by this resolution is \$25,000 of 2019 funds and \$175,000 of 2020 funds to be at least matched by Douglas County; and

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

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 64, Series of 2018) for calendar year 2019 which includes funds for construction of drainage and flood control improvements along Willow Creek Outfall at Rampart Range Road; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 67, Series of 2018) which includes funds for the improvements along Willow Creek Outfall at Rampart Range Road; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 62, Series of 2019) for calendar year 2020, which includes funds for construction of drainage and flood control improvements along Willow Creek Outfall at Rampart Range Road; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 65, Series of 2019) which includes funds for the improvements along Willow Creek Outfall at Rampart Range Road.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 15, Series of 2014, Paragraph 3, is amended as follows:
"The District's maximum contribution to the Willow Creek Outfall at Rampart Range Road project without prior approval of the Board shall be ~~\$400,000~~ **\$600,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Douglas County."
2. All other conditions and authorizations remain as stated in Resolution No. 15, Series of 2014.

(SEAL)

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

Date: _____

ATTEST:

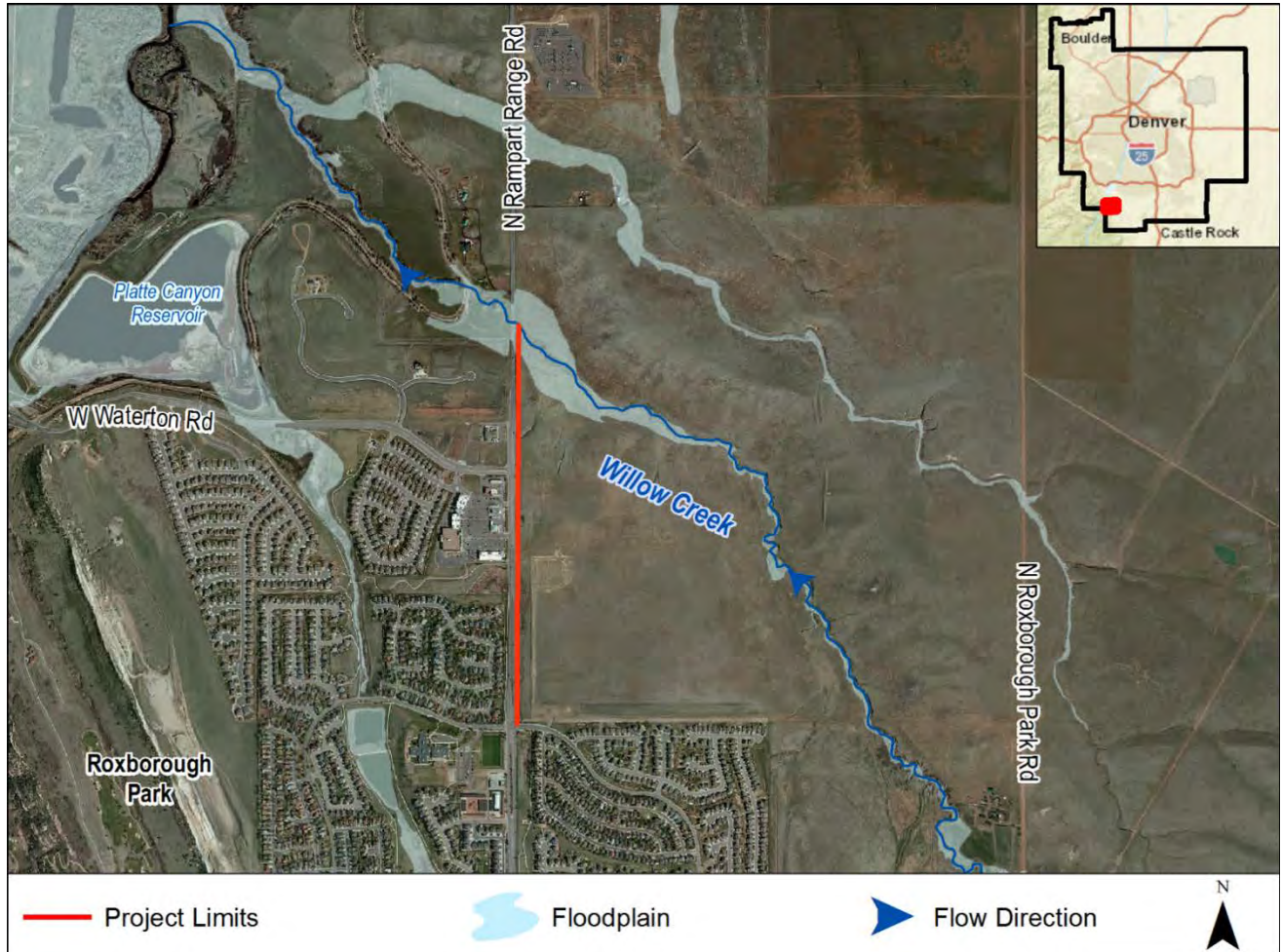
Secretary

Chairperson

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
d/b/a
MILE HIGH FLOOD DISTRICT

RESOLUTION NO. 89, SERIES OF 2019
(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Willow Creek Outfall at Rampart Range Road, Douglas County)

EXHIBIT A



Individual Project Additional Authorizations

A	B	C	D	E	F	G	H	I	J
Project Name	Original Resolution	Additional 2019 District Funding	Previous Maximum District Contribution	New Maximum District Contribution	Local Government Partners	Design % Complete	Construction % complete or year when start	Total Project Costs	Authorized
ADAMS COUNTY									
Grange Hall Creek at Washington	No. 46 Series of 2008	\$200,000	\$1,545,000	\$1,745,000	Northglenn	75%	75%	\$6,800,000	06/19
North Outfall	No. 4 Series of 2006	\$120,000	\$1,630,00	\$1,750,000	Brighton	50%	50%	\$10,500,000	02/19
Dahlia Street Outfall	No. 50, Series of 2018	\$375,000	\$75,000	\$450,000	Adams	90%	2019	\$4,000,000	04/19
Dahlia Street Outfall	No. 50, Series of 2018	\$320,000	\$450,000	\$695,000	Adams	90%	2019	\$4,000,000	10/19
Hoffman Drainageway 88 th to Steele	No. 49, Series of 1997	\$300,000	\$350,000	\$650,000	Adams	85%	85%	\$9,000,000	02/19
22 nd Ave Outfall to Westerly Creek	No. 43, Series of 2018	\$200,000	\$300,000	\$500,000	Aurora			\$1,000,000	03/19
ARAPAHOE COUNTY									
First Creek Detention	No. 58, Series of 2009	\$400,000	\$3,049,000	\$3,449,000	Aurora	10%	TBD	\$12,000,000	03/19
Little's Creek	No. 37, Series of 2015	\$250,000	\$250,000	\$500,000	Littleton	30%	2020	\$1,000,000	03/19
Easterly Creek – 1 st & Kenton	No. 15, Series of 2015	\$1,025,000	\$575,000	\$1,600,000	Aurora	100%	10%	\$7,402,000	03/19
Greenwood Gulch at Quincy	No. 63, Series of 2017	\$100,000	\$100,000	\$200,000	Cherry Hills Village	100%	2019	\$400,000	08/19
Big Dry Creek b/w County Line and East Orchard	No. 57, Series 2018	\$250,000	\$50,000	\$300,000	SEMSWA	0%	Tbd	\$2,000,000	04/19

A	B	C	D	E	F	G	H	I	J
Project Name	Original Resolution	Additional 2019 District Funding	Previous Maximum District Contribution	New Maximum District Contribution	Local Government Partners	Design % Complete	Construction % complete or year when start	Total Project Costs	Authorized
BOULDER COUNTY									
South Boulder Creek u/s HWY 36	No. 42, Series of 2018	\$200,000	\$120,000	\$320,000	City of Boulder	10%	2022	\$40,000,000	06/19
Gregory Canyon Creek – Arapahoe to Pennsylvania	No. 41, Series of 2018	\$400,000	\$250,000	\$650,000	City of Boulder	0%	TBD	\$12,000,000	06/19
Bullhead Gulch Drainage Underpass	No. 35, Series of 2016	\$400,000	\$100,000	\$500,000	Louisville	60%	2020	\$2,500,000	10/19
Coal Creek – McCaslin to HWY 36	No. 58, Series of 2016	\$110,000	\$696,243	\$806,243	Superior	95%	25%	\$2,200,000	02/19
BROOMFIELD CITY & COUNTY									
Nissen Reservoir Drainageway – Lowell to Tennyson	No. 45, Series of 2016	\$270,000	\$780,000	\$1,050,000	Broomfield	40%	2019	\$3,000,000	03/19
DENVER CITY & COUNTY									
Cherry Creek Stabilization (Monaco to Illiff)	No. 31, Series of 2011	\$1,550,000	\$2,550,000	\$4,100,000	Denver	90%	2019	\$13,900,000	10/19
Sanderson Gulch at the South Platte River	No. 12, Series of 2016	\$1,650,000	\$2,630,000	\$4,280,000	Denver	100%	50%	\$18,900,000	03/19
Globeville OSP (49 th and Grant) Platte Farms	No. 18, Series of 2017	\$600,000	\$150,000	\$750,000	Denver	50%	2019	\$5,000,000	03/19
Marston Lake d/s Garrison Street	No. 68, Series of 2012	\$750,000	\$950,000	\$1,700,000	Denver	100%	2019	\$3,500,000	
Platte Farm Open Space Detention Basin	No. 18, Series of 2017	\$750,000	\$750,000	\$1,500,000	Denver	100%	2020	\$5,000,000	11/19
DOUGLAS COUNTY									
Timbers Creek d/s Fox Sparrow	No. 34, Series of 2017	\$125,000	\$50,000	\$175,000	Douglas	10%	2019	\$4,000,000 - \$5,000,000	02/19

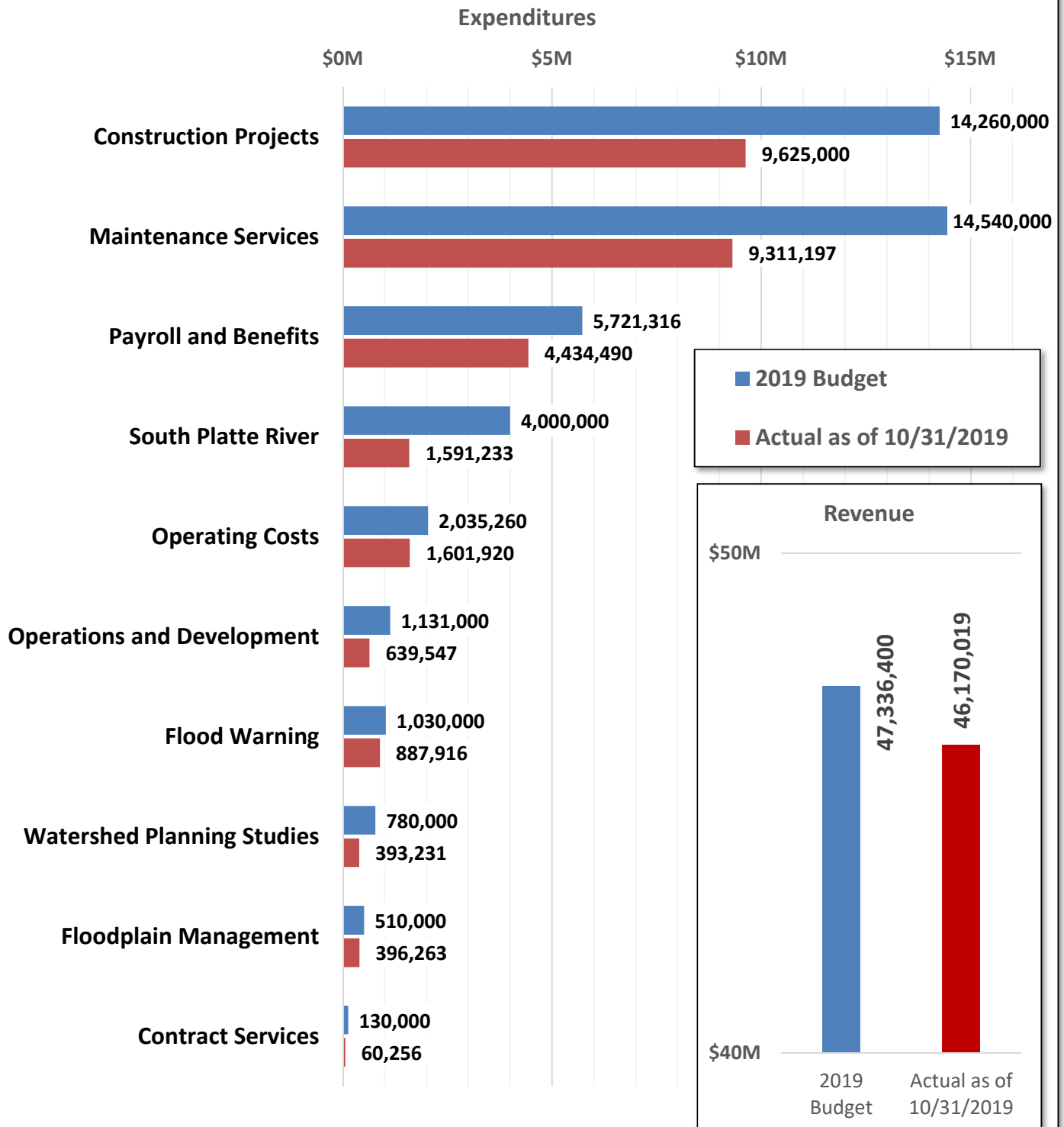
A	B	C	D	E	F	G	H	I	J
Project Name	Original Resolution	Additional 2019 District Funding	Previous Maximum District Contribution	New Maximum District Contribution	Local Government Partners	Design % Complete	Construction % complete or year when start	Total Project Costs	Authorized
Happy Canyon Creek north of Lincoln	No. 54, Series of 2015	\$475,000	\$417,500	\$892,500	Douglas	5%	2020	\$3,000,000	06/19
Dad Clark Gulch, Wild Iris Run	No. 58, Series of 2017	\$500,000	\$322,500	\$822,500	Highlands Ranch	30%	2019	\$1,500,000	06/19
Cherry Creek at KOA	No. 33, Series of 2017	\$200,000	\$315,000	\$515,000	Parker	40%	2020	\$2,000,000	02/19
West Big Dry Creek d/s Canongate Lane	No.70, Series of 2018	\$45,000	\$85,000	\$130,000	Highlands Ranch	100%	2019	\$260,000	
Willow Creek at Rampart Range Road	No. 15, Series of 2014	\$25,000	\$375,000	\$400,000	Douglas	30%	2020	\$975,000	08/19
Willow Creek at Rampart Range Road	No. 15, Series of 2014	\$200,000	\$400,000	\$600,000	Douglas	30%	2020	\$975,000	11/19
JEFFERSON COUNTY									
North Dry Gulch – Lamar to Teller	No. 65, Series of 2008	\$425,000	\$3,775,000	\$4,200,000	Lakewood	0%	TBD	\$14,700,000	11/19
Van Bibber Creek Crossing at McIntyre	No. 25, Series of 2016	\$300,000	\$1,248,000	\$1,548,000	Jefferson	100%	30%	\$3,500,000	03/19
South & Middle Hyland Creek u/s & d/s 104 th	No. 77, Series of 2016	\$350,000	\$963,000	\$1,313,000	Westminster	0%	2020	\$2,600,000	02/19
Big Dry Creek – Sheridan to Standley Lake	No. 75, Series of 2016	\$600,000	\$300,000	\$900,000	Westminster	15%	2020	\$2,500,000	08/19
Walnut Creek – US 36 to Wadsworth Pkwy	No. 53, Series of 2018	\$325,000	\$200,000	\$525,000	Westminster	0%	TBD	\$1,250,000	
Leyden Creek at Alkire Street	No. 43, Series of 2014	\$350,000	\$450,000	\$800,000	Arvada	90%	2019	\$1,900,000	10/19

MHFD 2019 BUDGET: SUMMARY

BUDGET ITEM:	2019 Budget	Actual as of 10/31/2019	Balance Remaining
Beginning Fund Balance:			
TABOR Emergency Reserve	1,000,000	1,000,000	
Floodplain Preservation Reserve	-	-	
Reserve for Future Operations	1,340,151	1,261,970	
Revenue:			
Property Taxes	43,818,140	43,163,402	
Specific Ownership Taxes	3,286,360	2,528,966	
Delinquent Property Tax Interest	-	28,206	
Investment Interest	175,900	348,212	
Project Participation Funds Returned	-	14,684	
Project Participation Interest Returned	-	6,294	
Miscellaneous Income	56,000	80,255	
Total Revenue	47,336,400	46,170,019	
Transfers from other Funds	-	-	
Total Funds Available	48,676,552	47,431,989	
Expenditures:			
Construction Projects	14,260,000	9,625,000	4,635,000
Maintenance Services	14,540,000	9,311,197	5,063,814
Payroll and Benefits	5,721,316	4,434,490	1,286,826
South Platte River	4,000,000	1,591,233	2,408,767
Operating Costs	2,035,260	1,601,920	2,633,340
Operations and Development	1,131,000	639,547	342,125
Flood Warning	1,030,000	887,916	142,084
Watershed Planning Studies	780,000	393,231	336,769
Floodplain Management	510,000	396,263	113,737
Contract Services	130,000	60,256	69,744
Total Expenditures	44,187,576	28,941,052	17,032,208
Revenue minus Expenditures	3,148,824	17,228,967	
Transfers to other Funds			
Change in Floodplain Preservation Reserve	500,000		
Floodplain Preservation Reserve Balance	500,000		
Change in TABOR Emergency Reserve	420,500		
TABOR Emergency Reserve Balance	1,420,500		
TABOR Emergency Reserve as % of Expenditures	3.00%		
Ending Fund Balance:			
Reserve for Future Operations	3,568,475		

MHFD 2019 BUDGET: SUMMARY

Revenues and Expenditures as of 10/31/2019



MILE HIGH FLOOD DISTRICT

INVESTMENT SUMMARY

OCTOBER 2019

	PURCHASE DATE	I.D. NO.	AMOUNT	INTEREST RATE	DAYS TO ACCUE	ACCRUAL FOR 10/31/2019	DATE TO MATURE
<u>CD's</u>							
Western States Ban	08/26/19	100703991	\$2,000,000.00	2.750000	30 / 360	\$4,583.33	08/26/24
Firstbank	09/03/19	4066013125	\$3,999,990.00	2.500000	12 / 361	\$7,499.98	09/03/24
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			\$5,999,990.00			12,083.31	

TOTAL			=====				
			\$5,999,990.00				

TREASURY & AGENCY NOTES

07/27/16	WFS3136G3XQ3	\$3,000,000.00	1.070000	30 / 360	\$2,675.00	01/27/20
07/13/16	WFS3136G3WK7	\$4,000,000.00	1.220000	30 / 360	\$4,066.65	03/30/20
07/27/16	WFS3136G3XV2	\$3,000,000.00	1.100000	30 / 360	\$2,750.00	07/27/20
07/28/16	WFS3136G3ZM0	\$3,000,000.00	1.200000	30 / 360	\$3,000.00	10/28/20
07/26/16	USB3136G3L37	\$3,000,000.00	1.125000	30 / 360	\$2,343.75	10/28/19
09/28/16	WFS3136G37D1	\$3,000,000.00	1.500000	30 / 360	\$3,750.00	01/06/00
10/25/16	WFS3136G4DZ3	\$3,000,000.00	1.200000	30 / 360	\$0.00	10/25/19
10/31/16	WFS3136G4GK3	\$3,000,000.00	1.350000	30 / 360	\$3,375.00	07/28/20
06/01/17	WFS 3130AAX45	\$3,000,000.00	1.875000	30 / 360	\$4,687.50	01/28/21
10/30/17	WFS313ACNG5	\$3,000,000.00	1.850000	30 / 360	\$4,625.00	04/30/21
10/30/17	WFS3136G4QL0	\$3,500,000.00	2.060000	30 / 360	\$6,008.33	10/29/21
08/29/18	WFS3130AEU65	\$4,000,000.00	2.625000	30 / 360	\$8,750.00	08/21/20
08/31/18	WFS9128284Q0	\$4,000,000.00	2.500000	30 / 360	\$8,333.33	05/31/20
12/14/18	WFS3133EJ2R9	\$3,500,000.00	2.750000	30 / 360	\$8,020.83	12/14/20
02/28/19	WFS3130AFWB9	\$3,500,000.00	2.650000	30 / 360	\$7,729.17	08/26/21
05/13/19	WFS3134GTKM4	\$3,000,000.00	2.650000	30 / 360	\$6,625.00	05/13/22
07/08/19	WFS3133EKT3	\$4,000,000.00	2.230000	30 / 360	\$7,433.33	07/08/24
07/17/19	WFS3134GTB77	\$3,000,000.00	2.150000	30 / 360	\$5,375.00	04/17/23
08/14/19	WFS3133EKZM1	\$4,000,000.00	1.990000	30 / 360	\$6,633.33	04/18/23
09/18/19	WFS3134GUBH2	\$3,000,000.00	2.050000	30 / 360	\$5,125.00	04/19/23
10/23/19	WFS3130AHCJ0	\$3,000,000.00	1.950000	7 / 360	\$1,137.50	04/20/23
10/28/19	WFS313AHC6	\$3,000,000.00	1.750000	2 / 360	\$291.67	04/21/23

TOTAL		\$72,500,000.00			102,735.39	
REDEEMED		(\$6,000,000.00)				

TOTAL		=====				
		\$66,500,000.00				

CSAFE

09/30/19	Balance	\$13,751,482.28	
10/31/19	INTEREST ON ACCT	\$23,006.50	23,006.50
	Contribution	\$0.00	

		\$13,774,488.78	

COLOTRUST

09/30/19	Balance	\$12,095,833.15	
10/31/19	INTEREST ON ACCT	\$21,246.56	21,246.56
	Contribution/WD	\$0.00	

		\$12,117,079.71	

WELLS FARGO SECURITIES

10/31/2019	CHECKING	\$49,607.28	1.27
10/31/2019	WFS MONEY MARKET	\$430,746.33	\$447.47

U S BANK

10/31/2019	CHECKING	\$6,289,930.03	\$177.03
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TOTAL CASH & INVESTMENTS		\$99,161,852.13	TOTAL SEPTEMBER INTEREST INCOME	\$ 159,697.53
		=====		=====

YTD INTEREST INCOME **\$ 1,348,793.89**
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