

# **BOARD OF DIRECTORS MEETING**

Date: Thursday, February 16, 2023 Time: 1:00 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. Deputy Mayor Laura Aldrete, City and County of Denver
  - ii. Mayor Pro Tem Curtis Gardner, City of Aurora
  - iii. Mr. Robert Harberg, Engineer
  - iv. Commissioner George Teal, Douglas County
- b. Visitors/Guests
- 3. Roll Call Determination of Quorum
- 4. Approval of January 19, 2023 Meeting Minutes (If there are no corrections "Minutes stand approved", or with corrections "Minutes stand approved as corrected")

### 5. Committee Reports

a. Executive Committee

### 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. Amend 2023 Audit and Finance Committee (Resolution No. 14, Series of 2023)
- b. Authorization to Participate in a Planning Study of East Toll Gate Creek Tributaries (Resolution No. 15, Series of 2023)
- c. Authorization to Participate in a Planning Study of Little Dry Creek (ArapCo) Tributaries (Resolution No. 16, Series of 2023)
- d. Authorization to Participate in a Planning Study of Third Creek Tributaries (Resolution No. 17, Series of 2023)
- e. Authorization to Participate in a Planning Study of Big Dry Creek (AdCo) Tributaries downstream of I-25 (Resolution No. 18, Series of 2023)
- f. Authorization to Participate in a Planning Study of Hidden Lake Drainageway and Bates Lake Drainageway (Resolution No. 19, Series of 2023)
- g. Authorization to Participate in Drainage and Flood Control Improvements on Grange Hall Creek Tributary South at Grant Street to Washington Street, City of Thornton, Adams County (Resolution No. 20, Series of 2023)
- h. Authorization to Participate in Drainage and Flood Control Improvements on Cherry Creek downstream of Scott Avenue, Douglas County (Resolution No. 21, Series of 2023)
- i. Authorization Participate in Drainage and Flood Control Improvements on Spring Tributary downstream of I-25 City of Castle Pines, Douglas County (Resolution No. 22, Series of 2023)

## 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
- Additional Authorization to Participate in Drainage and Flood Control Improvements on 22<sup>nd</sup> Outfall to Westerly Creek, City of Aurora, Adams County (Resolution No. 23, Series of 2023)
- c. Additional Authorization to Participate in Drainage and Flood Control Improvements on Shaw Heights Tributary at Lowell Boulevard to Little Dry Creek, City of Westminster, Adams County (Resolution No. 24, Series of 2023)
- d. Additional Authorization to Participate in Drainage and Flood Control Improvements on Irondale Gulch at Highway 2, Adams County (Resolution No. 25, Series of 2023)
- e. 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. 26, Series of 2023)
- f. Additional Authorization to Participate in Drainage and Flood Control Improvements on Westerly Creek at Alameda, Dakota, and Virginia Avenue, City of Aurora, Arapahoe County (Resolution No. 27, Series of 2023)
- g. Additional Authorization to Participate in Drainage and Flood Control Improvements on First Creek Detention Basins Upstream of I-70, City of Aurora, Arapahoe County (Resolution No. 28, Series of 2023)
- h. Additional Authorization to Participate in Drainage and Flood Control Improvements on Little Dry Creek from Easter Place to Holly Dam, Arapahoe County (Resolution No. 29, Series of 2023
- i. Additional Authorization to Participate in Drainage and Flood Control Improvements on Willow Creek from County Line Road to Quebec Street, Arapahoe County (Resolution No. 30, Series of 2023)
- j. Additional Authorization to Participate in Drainage and Flood Control Improvements on Sanderson Gulch from Florida Avenue to Arkansas Avenue, City and County of Denver (Resolution No. 31, Series of 2023)
- Additional Authorization to Participate in Drainage and Flood Control Improvements on Weir Gulch- Reach W1, South Platte River to 8<sup>th</sup> Avenue, City and County of Denver (Resolution No. 32, Series of 2023)
- I. Additional Authorization to Participate in Drainage and Flood Control Improvements on the South Platte River Globeville Levee from 31<sup>st</sup> Street to East 50<sup>th</sup> Avenue, City and County of Denver (Resolution No. 33, Series of 2023)
- Marcy Gulch from Stockpond to Wildcat Reserve Parkway, Highlands Ranch Metro District, Douglas County (Resolution No. 34, Series of 2023)
- n. Additional Authorization to Participate in Drainage and Flood Control Improvements on Big Dry Creek (AdCo) and South and Middle Branches Hyland Creek upstream of Sheridan Boulevard, City of Westminster, Jefferson County (Resolution No. 35, Series of 2023)

- o. 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. 36, Series of 2023)
- p. Additional Authorization to Participate in Drainage and Flood Control Improvements on Weaver Creek at Belleview Avenue, Jefferson County (Resolution No. 37, Series of 2023)
- 8. Vote on Approval of the Consent Agenda (Motion and roll call vote required)
- 9. Reports/Discussions
  - a. Executive Director's Report

# 10. Board Member Roundtable

## 11. Announcements

- a. Next Meeting: Thursday, April 20, 2023
- b. Annual Symposium April 11, 2023

# 12. Adjournment



**Meeting Minutes** 

January 19, 2023 This Hybrid Meeting Was Held In-Person and via Video Conference

#### **Board Members Present:**

Mike Anderson Lynn Baca Guyleen Castriotta Tracy Engerman Stacie Gilmore Mark Hunter Paul Kashmann Tracy Kraft-Tharp Jan Kulmann Meredith Leighty Nancy McNally Adam Paul Stephanie Piko Kyle Schlachter Bud Starker Ashley Stolzmann Leslie Summey Lora Thomas	Professional Engineer Commissioner, Adams County* Mayor, City/County of Broomfield* Mayor, City of Castle Pines Council Member, City/County of Denver* Professional Engineer Council Member, City/County of Denver Commissioner, Jefferson County Mayor, City of Thornton* Mayor, City of Thornton* Mayor, City of Northglenn Mayor, City of Westminster Mayor, City of Lakewood Mayor, City of Lakewood Mayor, City of Littleton Mayor, City of Littleton Mayor, City of Wheat Ridge Commissioner, Boulder County Commissioner, Arapahoe County
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Mark Wallach Marc Williams	Mayor Pro Tem, City of Boulder* Mayor, City of Arvada

#### \* Indicates virtual attendee

#### **Board Members Absent:**

Jolon Clark

Council Member, City/County of Denver

#### **MHFD Staff Present:**

Laura Kroeger Will Barkman Jeff Battiste **David Bennetts** Shannon Carscallen **Bao Chongtoua** Abbie Culbertson Amelia Deleon **Katie Evers** Lindsay Franklin **Colin Haggerty** Dan Hill Hung-Teng Ho **Katie Kerstiens** Haley Koesters Chad Kudym Teddy Larkin Montana Moore **Charlie Pajares** 

**Executive Director Project Engineer Project Engineer Government Relations Director** Administrative Assistant **Development Services Director** Intern Human Resources Director **GIS Administrator** Office Coordinator Watershed Manager Watershed Manager Hydraulic Modeler Staff Engineer **Project Engineer IT Director GIS** Technician Intern **Project Engineer** 

Ellie Paulsen Holly Piza Bruce Rindahl Drew Roberts Rachel Rodriguez Wanda Salazar Terri Schafer **Derrick Schauer Brooke Seymour** Dave Skuodas Andy Stewart Ryan Tigera Stacey Thompson Jon Villines Jim Watt Joe Williams Jen Winters Jackson Winterrowd Brik Zivkovich

Sr. Administrative Assistant Research & Development Director Flood Warning Manager Project Engineer Administrative Assistant Accountant **Finance Director** Network Administrator Planning & FPM Director **DCM Director** Watershed Manager **Project Engineer** Floodplain Manager Watershed Manager Watershed Manager Sr. Construction Manager Watershed Manager Intern Staff Engineer

# **Others Present:**

Ryan Aids	Greenway Foundation
Byron Fanning	Adams County
Robert Harberg	Professional Engineer
Jim Kaiser	City of Thornton
Ed Krisor	Legal Counsel
Jeff Shoemaker	Greenway Foundation
Melanie Walter	City of Arvada

# How the District Works: Managing Costs through Project Partners

Ms. Bao Chongtoua, Development Services Director, along with Deb Ohlinger from Olsson, Inc., and Jerry Naranjo, from Naranjo Civil Constructors gave a presentation to the Board about managing costs through Project Partners.

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

Mayor Bud Starker called the meeting to order at 1:00 pm.

### 1. Introductions

### a. Visitors/Guests

Ms. Laura Kroeger introduced the following guests: Jim Kaiser/City of Thornton, Byron Fanning/Adams County, Melanie Walter/City of Arvada, Jeff Shoemaker and Ryan Aids/Greenway Foundation, and Mr. Robert Harberg.

### b. Swearing in of New Board Members

- i. Mayor Tracy Engerman, City of Castle Pines
- ii. Commissioner Leslie Summey, Arapahoe County
- iii. Mayor Pro Tem Mark Wallach, City of Boulder

The new board members were sworn in by Mr. Ed Krisor. On behalf of the Board, Mayor Starker and the Board welcomed them to the District.

### c. Awards/Recognitions

## i. Appointment to FEMA's Technical Mapping Advisory Council – Brooke Seymour

Ms. Brooke Seymour was recently appointed to FEMA's Technical Mapping Advisory Council. This is a federal advisory committee established to review and make recommendations to FEMA in matters relating to our national floodplain mapping program. Ms. Seymour was selected for this committee and vetted through the White House where she is not only representing the United States on this committee, but also our interests here at the District. Ms. Kroeger and the Board thanked her for her time and commitment to this committee.

### 2. Roll Call – Determination of Quorum

Roll was called and a quorum was declared present.

### 3. Approval of November 17, 2022 Meeting Minutes

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

Mayor Starker asked if there were any corrections to the November 17, 2022 Meeting Minutes. Mayor Jan Kulmann identified a misspelling. The minutes were approved as corrected.

### 4. Committee Reports

### a. Nominating Committee (Recommendation for Board-Appointed Engineer Director)

The Nominating Committee was tasked with recommending a candidate for the Board-Appointed Engineer vacancy upon the retirement of Mr. Mark Hunter at the end of this month. The Nominating Committee conducted this task through email, no official meeting was held. Committee members include Mayor Adam Paul, Council Member Jolon Clark, Mr. Mark Hunter, Commissioner Tracy Kraft-Tharp, and Mayor Kyle Schlachter. Mayor Paul gave an update to the Board on the selection process. In total, the District received four submittals for the Board-Appointed Engineer position. Of the four candidates, Mr. Robert Harberg stood out as the best qualified and came highly recommended by Mark Hunter, Ms. Laura Kroeger, and District Staff.

Mayor Paul provided some background on Mr. Harberg' s relevant experience which included:

- i. Served as the Principal Engineer for the City of Boulder's Utility Division for 25 years, where he successfully directed the city's efforts in coordinating District work.
- ii. After the 2013 Flood, he was appointed as Boulder's Flood Recovery Coordinator working closely with the District and the State.
- iii. Mr. Harberg is no longer a full-time employee for the City of Boulder; however, he is currently working on a climate initiative project coordinating with Xcel Energy and the City of Boulder.

The Nominating Committee is recommending Mr. Robert Harberg to be appointed to the two-year term of Board Engineer on the Mile High Flood District Board of Directors, beginning on February 01, 2023. Should the Board approve the Nominating Committee's recommendation, Mr. Harberg will be sworn in at the February 16, 2023 Board Meeting.

Mayor Starker thanked the committee for their efforts.

# 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. Appointment of Professional Engineer to Board of Directors

(Resolution No. 01, Series of 2023)

The Nominating Committee recommends the appointment of Robert Harberg to the Board Directors. This resolution appoints Mr. Harberg to a two-year term through January 31, 2025.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 01 on the Consent Agenda.

### b. Recognition of the Contributions of Mark Hunter (Resolution No. 02, Series of 2023)

Mayor Starker read aloud Resolution No. 02 which listed the accomplishments of Mr. Mark Hunter. Mr. Hunter has been on the MHFD Board of Directors for nearly 10 years, and prior to serving on the Board, was a member of District staff for 29 years. Ms. Kroeger and Mayor Starker thanked Mr. Hunter for his service and dedication to the District over the years.

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

# c. Recognition of the Contributions of Jeff Shoemaker

## (Resolution No. 03, Series of 2023)

Ms. Kroeger read aloud Resolution No. 03 honoring Mr. Jeff Shoemaker, who has served as Executive Director of the Greenway Foundation and has worked closely with the District and the revitalization of the South Platte River for the past 40 years. Mr. Shoemaker retired on December 31, 2022. Ms. Kroeger and the Board thanked Mr. Shoemaker for his service to the District and the industry as a whole.

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

# d. 2023 Audit and Finance Committee

(Resolution No. 04, Series of 2023)

Resolution No. 04, Series of 2022 appoints members to the Audit & Finance Committee for 2023. This committee will act in an advisory capacity to the Board ensuring that the District's financial records and statements are fairly and appropriately presented and in accordance with Generally Accepted Accounting Principles.

The 2023 Audit & Finance Committee includes the following Board Members: Commissioner Lora Thomas, Commissioner Ashley Stolzmann, and Mr. Mike Anderson.

The time commitment for committee members in 2023 will include, at a minimum, these additional compensated in-person meetings:

- A meeting to occur before the April Board meeting. The committee will meet with the previous year's selected auditor and District staff to review the audit results and financial records and statements before the auditor presents their findings to the entire Board at the April Board meeting.
- A meeting to occur before the May Board meeting. The committee will meet with District staff to review an amendment to the 2023 annual budget before the budget amendment is presented to the board. The budget amendment is necessary to redirect revenues not expended in 2022.
- A meeting to occur before the November Board meeting. The committee will meet with District staff to review the District's proposed annual budget for the following year before it is presented to the Board.

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

e. Authorization to Purchase Property at 3610 Parfet Street, City of Wheat Ridge, Jefferson County (Resolution No. 05, Series of 2023)

This is a joint project with the City of Wheat Ridge, who requested this acquisition. The City of Wheat Ridge and the District cooperated in the preparation of the "Lena Gulch-Lower Flood Hazard Area Delineation," report dated 2007; which identified the floodplain for Lena Gulch. The District has negotiated with the owner of 3610 Parfet Street property, which is within the 100-year floodplain, to purchase the property for floodplain preservation purposes along Lena Gulch. The District and the City of Wheat Ridge have identified \$20,274 in project costs for the acquisition of the 3610 Parfet Street property.

Resolution No. 05 authorizes \$20,274 of District funds from the Special Revenue Fund – Budget for the acquisition of 3610 Parfet Street.

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

f. Authorization to Purchase Property at 15590 West 72<sup>nd</sup> Avenue, City of Arvada, Jefferson County (Resolution No. 06, Series of 2023)

This is a joint project with the City of Arvada, who requested this acquisition. The City of Arvada and the District cooperated in the preparation of the "Flood Hazard Area Delineation; Ralston Creek-Leyden Creek," dated 2004; which identified the floodplain on Ralston Creek. The District has negotiated with the owner 15590 West 72<sup>nd</sup> Avenue, which is in the 100-year floodplain, to purchase the property for floodplain preservation purposes along Ralston Creek. The District and the City of Arvada have identified \$65,000 in project costs for the acquisition of the 15590 West 72<sup>nd</sup> Avenue property.

Resolution No. 06 authorizes \$65,000 of District funds from the Special Revenue Fund – Budget for the acquisition of 15590 West 72<sup>nd</sup> Avenue.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 06 on the Consent Agenda.

g. Authorization to Participate in a Planning Study of Bear Creek downstream of Bear Creek Reservoir (Resolution No. 07, Series of 2023)

In 2016, the City and County of Denver requested a major drainageway planning study and flood hazard area delineation (FHAD) for Bear Creek downstream of the Bear Creek Reservoir. The City of Lakewood and the Town of Sheridan agreed to participate in the study as funding sponsors.

Previous MHFD studies of Bear Creek include:

- "Bear Creek Flood Hazard Area Delineation" (Gingery Associates, 1979)
- "Bear Creek at Sheridan Boulevard Alternative Analysis" (Michael Baker, 2016)

The effective FHAD is more than 40-years old and is outdated. There has also never been a comprehensive major drainageway plan covering this entire reach of Bear Creek. The master planning costs are projected to be \$200,000 with the local sponsors contributing \$100,000. The FHAD costs are projected to be \$150,000, which would be funded 100% by the District per Resolution No. 92, Series of 2022.

Resolution No. 07 authorizes \$250,000 of District funds from the Special Revenue Construction Fund to at least be matched by the City and County of Denver, the City of Lakewood, and the Town of Sheridan for the planning study.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 07 on the Consent Agenda.

# 6. Consent Agenda

Ms. Kroeger briefly described the following items on the consent agenda and asked the Board if there were any questions. There were no further questions or comments.

# a. Review of Cash Disbursements

The Cash Disbursement list dated November and December 2022, and January 2023 has been distributed to the Board for review. There being no further comments or questions, it was the consensus of the Board to include the approval of the Cash Disbursements on the Consent Agenda.

- b. Additional Authorization to Participate in Drainage and Flood Control Improvements on Piney Creek at Tower Road, City of Centennial, Arapahoe County (Resolution No. 08, Series of 2023)
- c. Additional Authorization to Participate in Drainage and Flood Control Improvements on Nissen Reservoir Drainageway from Lowell Boulevard to Tennyson Street, City and County of Broomfield (Resolution No. 09, Series of 2023)
- d. Additional Authorization to Participate in Drainage and Flood Control Improvements on Cherry Creek at Dransfeldt Road, Town of Parker, Douglas County (Resolution No. 10, Series of 2023)
- e. Additional Authorization to Participate in Drainage and Flood Control Improvements on Timbers Creek downstream of Fox Sparrow Road, Douglas County (Resolution No. 11, Series of 2023)
- f. Additional Authorization to Participate in Drainage and Flood Control Improvements on West Fork Big Dry Creek at Cresthill Lane, Highlands Ranch Metro District, Douglas County (Resolution No. 12, Series of 2023)
- g. Designation of Public Place for Posting of Meeting Notices (Resolution No. 13, Series of 2023)

# 7. Vote on Approval of the Consent Agenda

Mayor Nancy McNally moved and Commissioner Tracy Kraft -Tharp seconded the motion to adopt the Consent Agenda. Upon a roll call vote, the motion was passed unanimously.

## 8. Reports/Discussions

# a. Executive Director's Report

Ms. Kroeger opened with an acknowledgement of the flooding happening in California and gave thanks to the staff for their continued effort towards flood safety in our community.

## Budget Update

There was no budget update this month as the 2022 budget numbers are still being finalized. Ms. Kroeger assured the Board that the budget is in good shape and they can expect an official update on the budget at the February Board Meeting.

# **Bayaud Building Update**

Ms. Kroeger provided an overview of the progress being made towards construction and move-in to our new location. In February staff will begin to pack belongings and furniture will be moved. In the month of March, furniture will be assembled in the new office, and the District is still on target for an April 2023 move in. The approved budget is \$7.8 million with \$2.5 million included in the 2023 Budget. Ms. Kroeger showed some additional progress photos from the building.

# State Legislative and Agency Update

The Special Districts Association (SDA) will hold its legislative briefing on January 24, and will advise if there is any legislation on the State level that the District should follow or have interest in. In addition, the American Council of Engineering Companies (ACEC) Water Resource Committee will meet on February 15 and advise if there is anything that should be on the District's radar.

The District has been working with the United States Army Corps of Engineers (USACE) and Denver on the South Platte River and Tributaries Project and there will be a meeting held on Friday, January 20. There is an open invitation to all vendors, consultants, and contractors who are interested in participating in this project. Mr. David Bennetts gave an update to the Board on the progress of this project – including that it will have a new name and rebrand going forward – the Waterway Resiliency Program.

# Federal Legislative and Agency Update

The Water Resource Development Act (WRDA) passed on December 12, 2022. Also in December, Ms. Kroeger and Ms. Brooke Seymour met with federal partners in Washington DC to discuss efficiency in 408 modifications to federal projects, how to incorporate social effects into benefit-cost analysis, and climate change resiliency.

## Environmental Compliance Update

Ms. Mary Powell, Environmental Manager, provided an overview on the new definitions of waters of the U.S, mitigation bank credits, and stream restoration and water rights.

## MHFD Strategic Plan

The District is currently in the process of revising its Strategic Plan. The process is past its discovery phase and staff workshops are underway to develop themes, objectives, and priorities to incorporate into the strategic plan.

# 9. Executive Session

Council Member Paul Kashmann moved and Mayor Marc Williams seconded at 2:02 pm to go into Executive Session to discuss the following matter:

i. Personnel Matter- Legal Advice on Personnel Matter (Pursuant to 24-6-402(4)(b) CRS)

Mayor Starker closed the Executive Session at 2:07 pm.

## 10. Board Member Roundtable

Mayor Starker gave the Board members the opportunity to provide an update on any relevant news happening in their communities. Commissioner Lora Thomas announced that she will most likely be leaving the MHFD Board of Directors and that this will more than likely be her last meeting. She expressed her appreciation of this board and was honored to serve the District. On behalf of the entire Board, Mayor Starker thanked Commissioner Thomas for her service to the District.

## 11. Announcements

a. Next Meeting: Thursday, February 16, 2023

## 12. Adjournment

Mayor Starker adjourned the meeting at 2:14 pm.

# **MHFD Board Meeting**

# **Resolutions by County**

# February 16, 2023

# Adams County

# • Planning Studies:

- Big Dry Creek (AdCo) Tributaries downstream of I-25 Resolution No. 18, Series of 2023
- Third Creek Tributaries
  Resolution No. 17, Series of 2023
- Hidden Lake Drainageway and Bates Lake Drainageway Resolution No. 19, Series of 2023
- New Authorizations:
  - Grange Hall Creek Tributary South at Grant Street to Washington Street, City of Thornton <u>Resolution No. 20, Series of 2023</u>
- Additional Authorizations:
  - 22nd Outfall to Westerly Creek, City of Aurora <u>Resolution No. 23, Series of 2023</u>
  - Shaw Heights Tributary at Lowell Boulevard to Little Dry Creek, City of Westminster <u>Resolution No. 24, Series of 2023</u>
  - Irondale Gulch at Highway 2, Commerce City Resolution No. 25, Series of 2023

# Arapahoe County

# • Planning Studies:

- East Toll Fate Creek Tributaries Resolution No. 15, Series of 2023
- Little Dry Creek (ArapCo) Tributaries <u>Resolution No. 16, Series of 2023</u>
- Additional Authorizations:
  - Big Dry Creek between County Line Road and East Orchard Road <u>Resolution No. 26, Series of 2023</u>
  - Westerly Creek at Alameda, Dakota and Virginia Avenue, City of Aurora Resolution No. 27, Series of 2023
  - First Creek Detention Basins upstream of I-70, City of Aurora Resolution No. 28, Series of 2023
  - Little Dry Creek from Easter Place to Holly Dam-Resolution No. 29, Series of 2023
  - Willow Creek from County Line Road to Quebec Street Resolution No. 30, Series of 2023

# Broomfield County

- Planning Studies:
  - Big Dry Creek (AdCo) Tributaries downstream of I-25 <u>Resolution No. 18, Series of 2023</u>

# Denver County

# • Additional Authorizations:

- Sanderson Gulch from Florida Avenue to Arkansas Avenue <u>Resolution No. 31, Series of 2023</u>
- Weir Gulch Reach W1, South Platte River to 8th Avenue

Resolution No. 32, Series of 2023

 South Platte River – Globeville Levee from 31st Street to East 50th Avenue Resolution No. 33, Series of 2023

# **Douglas County**

# • New Authorizations:

- Cherry Creek downstream of Scott Avenue <u>Resolution No. 21, Series of 2023</u>
- Spring Tributary downstream of I-25, City of Castle Pines Resolution No. 22, Series of 2023
- Additional Authorizations:
  - Marcy Gulch from Stockpond to Wildcat Reserve Parkway, Highlands Ranch Metro District <u>Resolution No. 34, Series of 2023</u>

# Jefferson County

- Planning Studies:
  - Hidden Lake Drainageway and Bates Lake Drainageway <u>Resolution No. 19, Series of 2023</u>

# • Additional Authorizations:

- Big Dry Creek [ADCO] and South and Middle Branches Hylands Creek upstream of Sheridan Boulevard, City of Westminster – <u>Resolution No. 35, Series of 2023</u>
- North Dry Gulch from Lamar Street to Teller Street, City of Lakewood Resolution No. 36, Series of 2023
- Weaver Creek at Belleview Avenue Resolution No. 37, Series of 2023

#### RESOLUTION NO.14 SERIES OF 2023 (Amended 2023 Audit and Finance Committee)

WHEREAS, Section 32-11-208(1)(b), CRS, 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

WHERAS, 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.

WHEREAS, on January 19, 2023, Resolution No. 04, Series of 2023 was passed, confirming the 2023 Audit and Finance Committee, which included Commissioner Lora Thomas, Commissioner Ashley Stolzmann, and Mr. Mike Anderson; and

WHEREAS, the Board has since been informed that Commissioner Lora Thomas would no longer serve on the Board of Directors; and

WHEREAS, Commissioner Thomas was previously appointed to Treasurer in addition to serving on the Audit and Finance Committee; and

WHEREAS, after soliciting interest from the Board on the Board Officer vacancy, the Executive Committee selected Commissioner Tracy Kraft-Tharp to serve as the Treasurer and Audit and Finance Representative for 2023.

NOW, THEREFORE, BE IT RESOLVED THAT:

- 1. Resolution 04, Series 2023 is amended as follows:
- For fiscal year 2023, the Audit and Finance Committee shall be comprised of Board Members: <u>Commissioner Lora Thomas Commissioner Tracy Kraft-Tharp</u>, Commissioner Ashley Stolzmann, and Mr. Mike Anderson.
- 3. The Committee's authority and powers shall be limited to those tasks specified in Resolution No. 30, Series of 2017.

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT d/b/a MILE HIGH FLOOD DISTRICT

Date:

ATTEST:

Secretary

### RESOLUTION NO. 15, SERIES OF 2023 (Authorization to Participate in a Planning Study of East Toll Gate Creek 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, the City of Aurora and Arapahoe County have enacted floodplain regulations; and

WHEREAS, Arapahoe County has assigned and transferred to the Southeast Metro Stormwater Authority (SEMSWA) its rights and obligations for the East Toll Gate Creek Tributaries; and

WHEREAS, the Board has previously established a Work Program for 2023 (Resolution No. 92, Series of 2022) which includes master planning; and

WHEREAS, the Board previously cooperated with the City of Aurora and SEMSWA in the preparation of "East Toll Gate Creek (Upper) Major Drainageway Plan," dated February 2011; and "Toll Gate Creek and East Toll Gate Creek (Downstream of Hampden) Major Drainageway Plan," dated May 2014; and

WHEREAS, the City of Aurora and SEMSWA have expressed a desire to participate in a study leading to a new major drainageway plan for East Toll Gate Creek Tributaries; and

WHEREAS, the Board wishes to cooperate with the City of Aurora and SEMSWA in the identification of solutions to stormwater drainage and flood control management problems for East Toll Gate Creek Tributaries (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
MHFD	\$100,000
City of Aurora	\$90,000
SEMSWA	\$10,000
TOTAL	\$200,000

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 Aurora and the Southeast Metro Stormwater Authority (SEMSWA), to fund the required engineering and mapping services for the East Toll Gate Creek 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 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 the City of Aurora and SEMSWA.

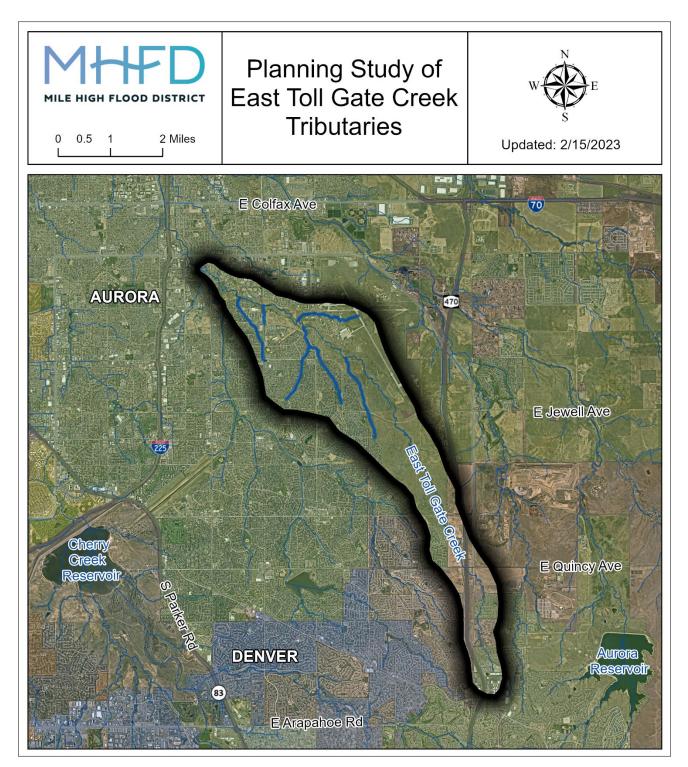
Date: \_\_\_\_\_

ATTEST:

Secretary

RESOLUTION NO. 15, SERIES OF 2023 (Authorization to Participate in a Planning Study of East Toll Gate Creek Tributaries)

Exhibit A



### RESOLUTION NO. 16, SERIES OF 2023 (Authorization to Participate in a Planning Study of Little Dry Creek [ArapCo] 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, the City of Centennial has enacted floodplain regulations; and

WHEREAS, the City of Centennial has assigned and transferred to the Southeast Metro Stormwater Authority (SEMSWA) its rights and obligations for the Planning Study of Little Dry Creek (ArapCo) Tributaries; and

WHEREAS, the Board has previously established a Work Program for 2023 (Resolution No. 92, Series of 2022) which includes master planning; and

WHEREAS, the Board previously cooperated with Arapahoe County in the preparation of "Little Dry Creek, Willow Creek, and Tributaries Stream Stabilization and Major Crossing Planning" dated September 1989; and

WHEREAS, SEMSWA has expressed a desire to participate in a study leading to a major drainageway plan and flood hazard area delineation (FHAD) for Little Dry Creek (ArapCo) Tributaries; and

WHEREAS, the Board wishes to cooperate with SEMSWA in the identification of solutions to stormwater drainage and flood control management problems for Little Dry Creek (ArapCo) Tributaries (Exhibit A); and

WHEREAS, the cost of engineering and mapping services for the study is estimated to be \$300,000 and is expected to be divided among participating entities as follows:

Sponsor	Master Plan Contribution	FHAD Contribution	Total
MHFD	\$100,000	\$100,000	\$200,000
SEMSWA	\$100,000	\$0	\$100,000
TOTAL	\$200,000	\$100,000	\$300,000

## 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 Southeast Metro Stormwater Authority to fund the required engineering and mapping services for the Little Dry Creek (ArapCo) 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 expenditures for the engineering and mapping services are estimated to be \$300,000 and the District's share of total costs shall not exceed \$200,000 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.

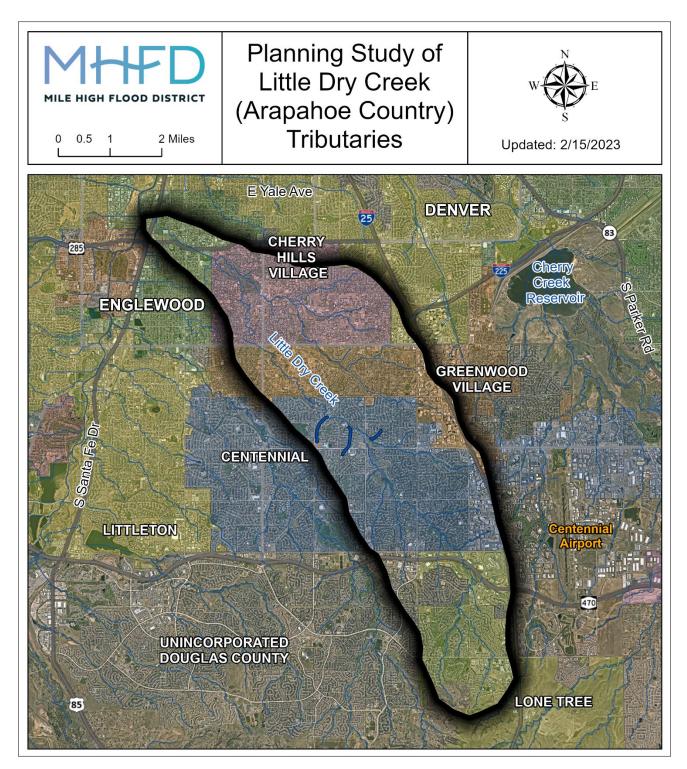
Date: \_\_\_\_\_

ATTEST:

Secretary

RESOLUTION NO. 16, SERIES OF 2023 (Authorization to Participate in a Planning Study of Little Dry Creek [ArapCo] Tributaries)

Exhibit A



### RESOLUTION NO. 17, SERIES OF 2023 (Authorization to Participate in a Planning Study of Third Creek 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 has enacted floodplain regulations; and

WHEREAS, the Board has previously established a Work Program for 2023 (Resolution No. 92, Series of 2022) which includes master planning; and

WHEREAS, the Board previously cooperated with Adams County, the City of Aurora, the City of Brighton, Commerce City, and the City and County of Denver in the preparation of "Third Creek and Barr Lake Drainage OSP," dated 1990 and "Third Creek Downstream of DIA OSP," dated 2005; and

WHEREAS, Commerce City has expressed a desire to participate in a study leading to a major drainageway plan and flood hazard area delineation (FHAD) for Third Creek Tributaries; and

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

WHEREAS, the cost of engineering and mapping services for the study is estimated to be \$300,000 and is expected to be divided among participating entities as follows:

Sponsor	Master Plan Contribution	FHAD Contribution	Total
MHFD	\$100,000	\$100,000	\$200,000
Commerce City	\$100,000	\$0	\$100,000
TOTAL	\$200,000	\$100,000	\$300,000

# 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 Third Creek 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 expenditures for the engineering and mapping services are estimated to be \$300,000 and the District's share of total costs shall not exceed \$200,000 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.

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT d/b/a MILE HIGH FLOOD DISTRICT

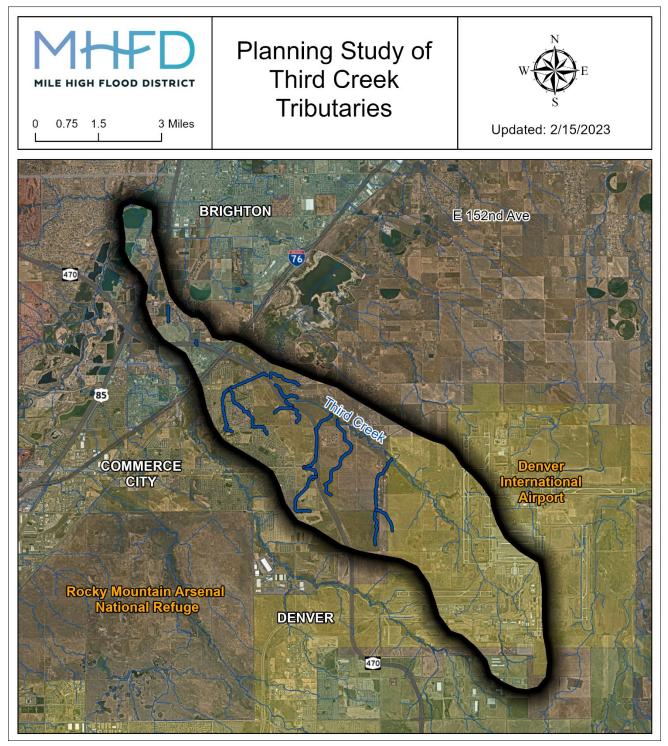
Date: \_\_\_\_\_

ATTEST:

Secretary

RESOLUTION NO. 17, SERIES OF 2023 (Authorization to Participate in a Planning Study of Third Creek Tributaries)

Exhibit A



### RESOLUTION NO. 18, SERIES OF 2023 (Authorization to Participate in a Planning Study of Big Dry Creek [ADCO] Tributaries downstream of I-25)

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

WHEREAS, the Board has previously established a Work Program for 2023 (Resolution No. 92, Series of 2022) which includes master planning; and

WHEREAS, the Board previously cooperated with the City of Thornton, the City and County of Broomfield, and Adams County in the preparation of "Outfall Systems Planning Update of Big Dry Creek Northern Tributaries," dated March 2007; and

WHEREAS, the City of Thornton, the City and County of Broomfield, and Adams County have expressed a desire to participate in a study leading to a major drainageway plan and flood hazard area delineation (FHAD) for Big Dry Creek (ADCO) Tributaries downstream of I-25; and

WHEREAS, the Board wishes to cooperate with the City of Thornton, the City and County of Broomfield, and Adams County in the identification of solutions to stormwater drainage and flood control management problems for Big Dry Creek (ADCO) Tributaries downstream of I-25 (Exhibit A); and

WHEREAS, the cost of engineering and mapping services for the study is estimated to be \$600,000 and is expected to be divided among participating entities as follows:

Sponsor	Master Plan Contribution	FHAD Contribution	Total
MHFD	\$200,000	\$200,000	\$400,000
City of Thornton	\$75,000	\$0	\$75,000
Adams County	\$75,000	\$0	\$75,000
Broomfield	\$50,000	\$0	\$50,000
TOTAL	\$400,000	\$200,000	\$600,000

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 Thornton, the City & County of Broomfield, and Adams County to fund the required engineering and mapping services for the Big Dry Creek (ADCO) Tributaries downstream of I-25 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 \$600,000 and the District's share of total costs shall not exceed \$400,000 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, the City and County of Broomfield, and Adams County.

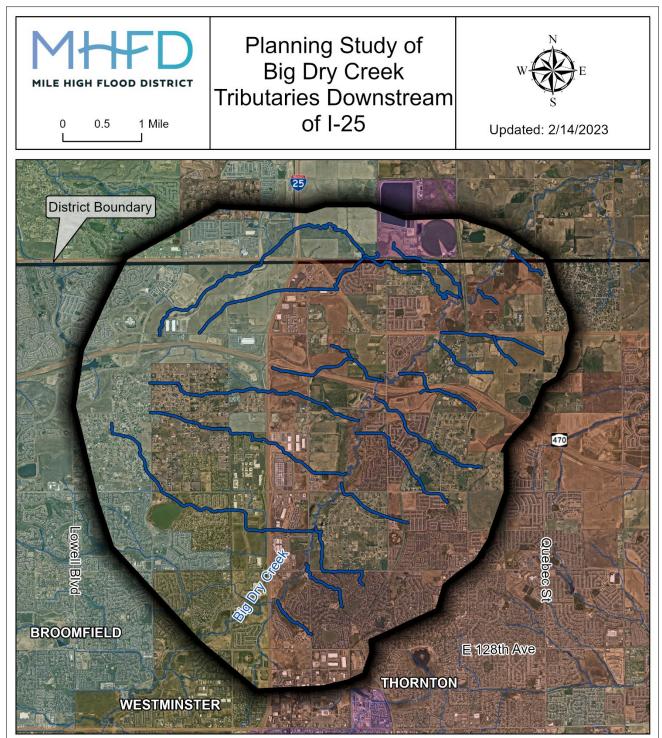
Date: \_\_\_\_\_

ATTEST:

Secretary

RESOLUTION NO. 18, SERIES OF 2023 (Authorization to Participate in a Planning Study of Big Dry Creek [ADCO] Tributaries Downstream of I-25)

Exhibit A



### RESOLUTION NO. 19, SERIES OF 2023 (Authorization to Participate in a Planning Study of Hidden Lake Drainageway and Bates Lake Drainageway)

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 Arvada, and the City of Westminster have enacted floodplain regulations; and

WHEREAS, the Board has previously established a Work Program for 2023 (Resolution No. 92, Series of 2022) which includes master planning; and

WHEREAS, the Board previously cooperated with Adams County, the City of Arvada, and the City of Westminster in the preparation of "Major Drainageway Planning Update for Hidden Lake —Bates Lake," dated December 2008; and

WHEREAS, Adams County, the City of Arvada, and the City of Westminster have expressed a desire to participate in a study leading to a major drainageway plan for Hidden Lake Drainageway and Bates Lake Drainageway; and

WHEREAS, the Board wishes to cooperate with Adams County, the City of Arvada, and the City of Westminster in the identification of solutions to stormwater drainage and flood control management problems for Hidden Lake Drainageway and Bates Lake Drainageway (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
MHFD	\$100,000
Adams County	\$45,000
City of Arvada	\$45,000
City of Westminster	\$10,000
TOTAL	\$200,000

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 Adams County, the City of Arvada, and the City of Westminster to fund the required engineering and mapping services for the Hidden Lake Drainageway and Bates Lake Drainageway 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 Adams County, the City of Arvada, and the City of Westminster.

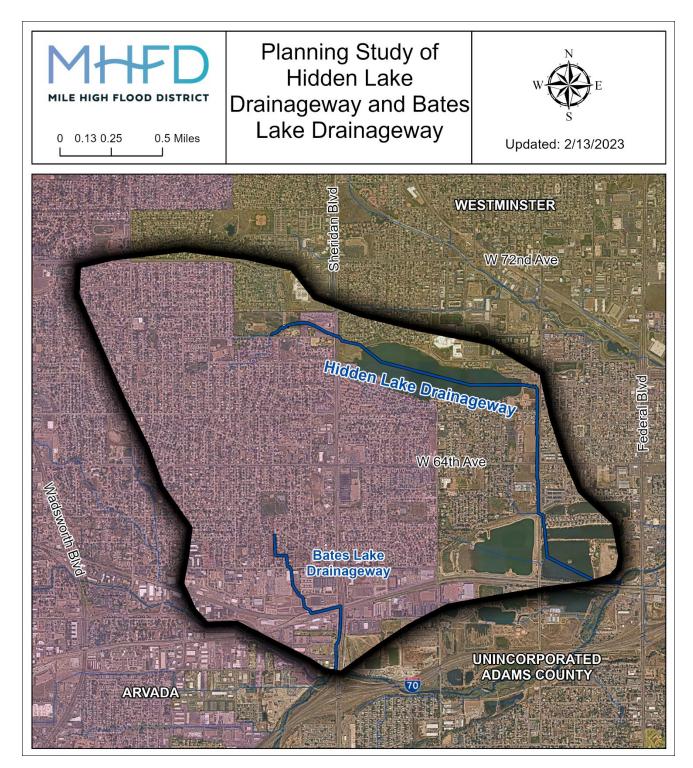
Date: \_\_\_\_\_

ATTEST:

Secretary

RESOLUTION NO. 19, SERIES OF 2023 (Authorization to Participate in a Planning Study of Hidden Lake Drainageway and Bates Lake Drainageway)

# <u>Exhibit A</u>



#### RESOLUTION NO. 20, SERIES OF 2023 (Authorization to Participate in Drainage and Flood Control Improvements on Grange Hall Creek Tributary South at Grant Street to Washington 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 "Grange Hall Creek and Tributaries Major Drainageway Plan," dated July 2018; which recommends improvements on Grange Hall Creek Tributary South at Grant Street to Washington Street; and

WHEREAS, the City of Thornton has requested District participation in the design, acquisition of right-of-way, and construction of improvements to the Grange Hall Creek Tributary South at Grant Street to Washington Street (Exhibit A); and

WHEREAS, the District's participation being authorized by this resolution is \$180,000 to be at least matched by the City of Thornton; and

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

WHEREAS, the total project cost is anticipated to be \$4,360,000; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 90, Series of 2022) for calendar year 2023, which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements along Grange Hall Creek Tributary South - Grant to Washington; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 93, Series of 2022) which includes funds for the improvements along Grange Hall Creek Tributary South - Grant to Washington.

### 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 the City of Thornton for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Grange Hall Creek Tributary South at Grant Street to Washington Street.
- 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 Grange Hall Creek Tributary South at Grant Street to Washington Street.
- 3. The District's maximum contribution to the Grange Hall Creek Tributary South at Grant Street to Washington Street project, without prior approval of the Board, shall be \$180,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Thornton.
- 4. Such approval for expenditure of District funds is contingent upon the City of Thornton agreeing to regulate and control any defined floodplain in the Grange Hall Creek Tributary South at Grant Street to Washington 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.

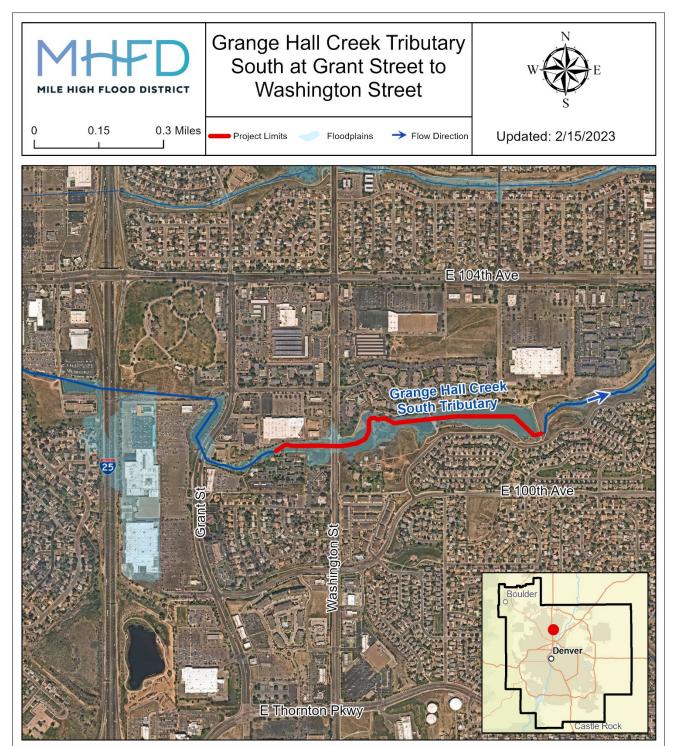
Date: \_\_\_\_\_

ATTEST:

Secretary

RESOLUTION NO. 20, SERIES OF 2022 (Authorization to Participate in Drainage and Flood Control Improvements on Grange Hall Creek Tributary South at Grant Street to Washington Street, City of Thornton, Adams County)

# <u>EXHIBIT A</u>



#### RESOLUTION NO. 21, SERIES OF 2023 (Authorization to Participate in Drainage and Flood Control Improvements on Cherry Creek downstream of Scott 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 "Cherry Creek Corridor – Reservoir to Scott Road Major Drainageway Planning Preliminary Design Report," dated January 2004; which recommends improvements on Cherry Creek downstream of Scott Avenue; and

WHEREAS, Douglas County and Strategic Capital Corporation have requested that the District manage the design and construction of improvements required by Douglas County as a result of a development in lieu of Strategic Capital Corporation designing and constructing those improvements along Cherry Creek downstream of Scott Avenue (Exhibit A); and

WHEREAS, preliminary project costs are estimated to be \$2,200,000; 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 Strategic Capital Corporation to manage the design and construction of drainage and flood control improvements along Cherry Creek downstream of Scott Avenue; and

WHEREAS, expenditures in 2023 from the DSE have been budgeted (Resolution No. 90, Series of 2022).

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 Strategic Capital Corporation for the design and construction of drainage and flood control improvements on Cherry Creek downstream of Scott Avenue.
- 2. The District is authorized to collect from Strategic Capital Corporation 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 Cherry Creek downstream of Scott Avenue.

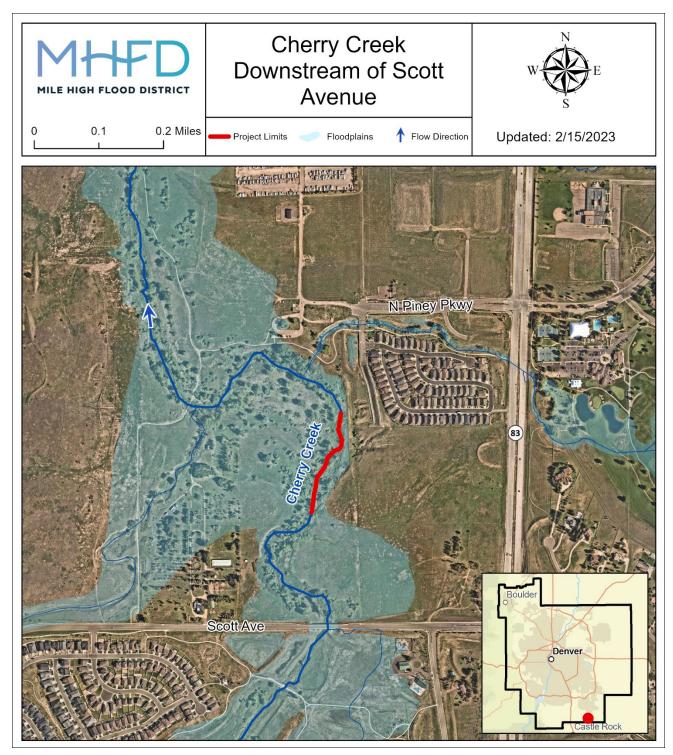
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT d/b/a MILE HIGH FLOOD DISTRICT

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

ATTEST:

Secretary

RESOLUTION NO. 21, SERIES OF 2023 (Authorization to Participate in Drainage and Flood Control Improvements on Cherry Creek downstream of Scott Avenue, Douglas County)



# EXHIBIT A

#### RESOLUTION NO. 22, SERIES OF 2023 (Authorization to Participate in Drainage and Flood Control Improvements on Spring Tributary downstream of I-25, City of Castle Pines, Douglas County)

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

WHEREAS, the City of Castle Pines has enacted floodplain regulations; and

WHEREAS, Douglas County, the Town of Parker, and the District cooperated in the preparation of "Newlin and Baldwin Gulches and Basin 4600-09 Outfall Systems Planning – Preliminary Design Report," dated December 1994; which recommends improvements on Spring Tributary downstream of I-25; and

WHEREAS, the City of Castle Pines and North Canyons LLLP have requested that the District manage the design and construction of improvements required by the City of Castle Pines as a result of a development in lieu of North Canyons LLLP designing and constructing those improvements along Spring Tributary downstream of I-25 (Exhibit A); and

WHEREAS, preliminary project costs are estimated to be \$6,500,000; 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 North Canyons LLLP to manage the design and construction of drainage and flood control improvements along Spring Tributary downstream of I-25; and

WHEREAS, expenditures in 2023 from the DSE have been budgeted (Resolution No. 90, Series of 2022).

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 Canyons LLLP for the design and construction of drainage and flood control improvements on Spring Tributary downstream of I-25.
- 2. The District is authorized to collect from North Canyons LLLP 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 Spring Tributary downstream of I-25.

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT d/b/a MILE HIGH FLOOD DISTRICT

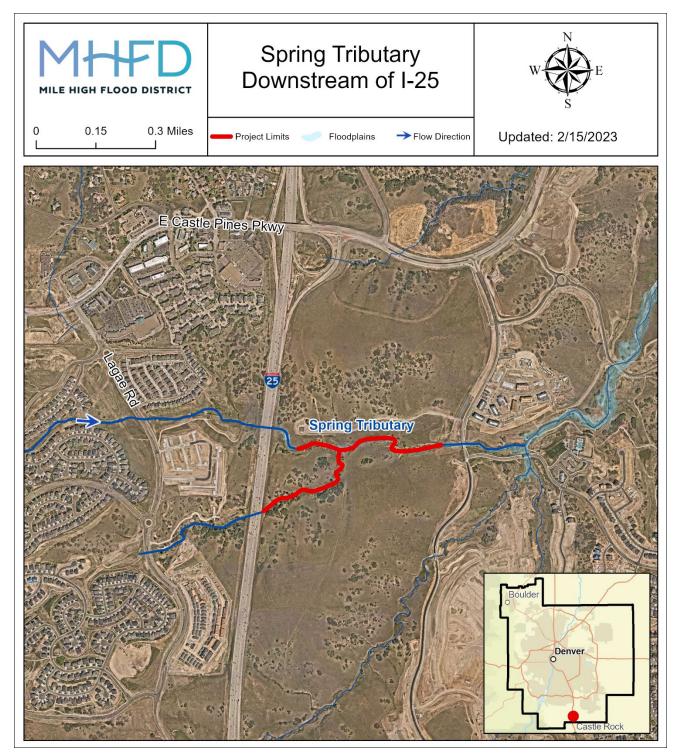
Date: \_\_\_\_\_

ATTEST:

Secretary

RESOLUTION NO. 22, SERIES OF 2023 (Authorization to Participate in Drainage and Flood Control Improvements on Spring Tributary downstream of I-25, City of Castle Pines, Douglas County)

# EXHIBIT A



#### **RESOLUTION NO. 23, SERIES OF 2023**

(Additional Authorization to Participate in Drainage and Flood Control Improvements on 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 \$1,275,000 for the 22nd Avenue Outfall to Westerly Creek project; and

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 \$920,000 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 total project cost is anticipated to be \$11,800,000; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 90, Series of 2022) for calendar year 2023 which includes funds for construction of drainage and flood control improvements along 22<sup>nd</sup> Avenue Outfall to Westerly Creek; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 93, Series of 2022) which includes funds for the improvements along 22<sup>nd</sup> Avenue Outfall to Westerly Creek.

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

- Resolution No. 43, Series of 2018, Paragraph 3, is further 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 \$1,275,000 \$2,195,000 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.

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT d/b/a MILE HIGH FLOOD DISTRICT

Date:

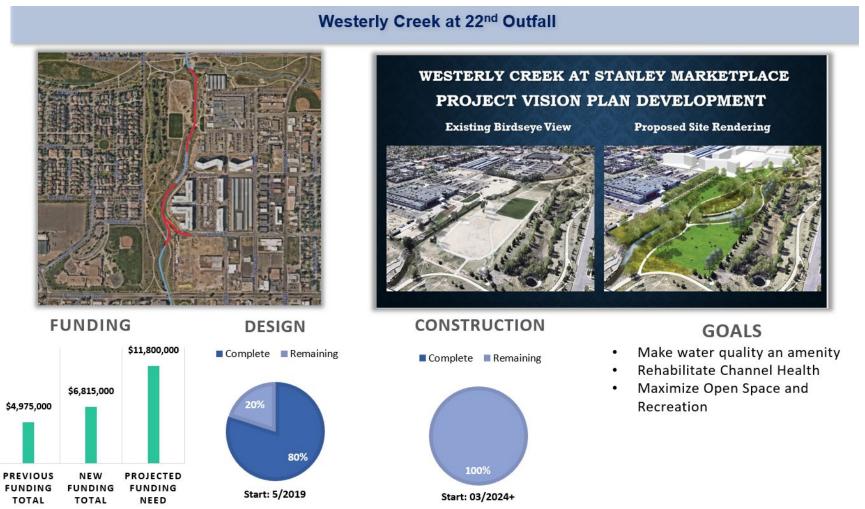
ATTEST:

Secretary

### **RESOLUTION NO. 23, SERIES OF 2023**

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

EXHIBIT A



### **RESOLUTION NO. 24, SERIES OF 2023**

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Shaw Heights Tributary at Lowell Boulevard to Little Dry Creek, City of Westminster, Adams County)

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

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

WHEREAS, the City of Westminster and the District cooperated in the preparation of "Master Plan for the Shaw Heights Tributary to Little Dry Creek," dated 1985; which recommends improvements on Shaw Heights Tributary at Lowell Boulevard to Little Dry Creek; and

WHEREAS, the Board previously authorized \$400,000 for the Shaw Heights Tributary at Lowell Boulevard to Little Dry Creek project; and

WHEREAS, the City of Westminster and the District now desire to add funds to construct improvements along Shaw Heights Tributary at Lowell Boulevard to Little Dry Creek (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 Westminster; and

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

WHEREAS, the total project cost is anticipated to be \$2,250,000; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 90, Series of 2022) for calendar year 2023 which includes funds for construction of drainage and flood control improvements along Shaw Heights Tributary at Lowell Boulevard to Little Dry Creek; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 93, Series of 2022) which includes funds for the improvements along Shaw Heights Tributary at Lowell Boulevard to Little Dry Creek.

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

- Resolution No. 34, Series of 2021, Paragraph 3, is further amended as follows: "The District's maximum contribution to the Shaw Heights Tributary at Lowell Boulevard to Little Dry Creek project without prior approval of the Board shall be \$400,000 \$750,000 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. 34, Series of 2021.

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT d/b/a MILE HIGH FLOOD DISTRICT

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

ATTEST:

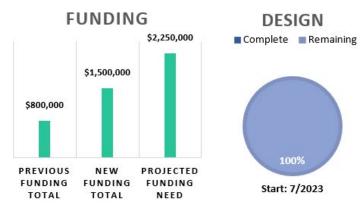
Secretary

RESOLUTION NO. 24, SERIES OF 2023 (Additional Authorization to Participate in Drainage and Flood Control Improvements on Shaw Heights Tributary at Lowell Boulevard to Little Dry Creek, City of Westminster, Adams County)

#### EXHIBIT A

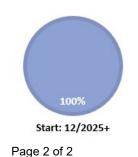
# Shaw Heights Tributary at Lowell Boulevard to Little Dry Creek (ADCO)







CONSTRUCTION Complete Remaining



# GOALS

- Improve channels and piped to increase flood conveyance and reduce flood risk for homes in Westminster
- Reduce peak flows with Regional Detention

RES 24-2023

Project No. 108533

#### RESOLUTION NO. 25, SERIES OF 2023 (Additional Authorization to Participate in Drainage and Flood Control Improvements on Irondale Gulch at Highway 2, 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 "Irondale Gulch Outfall Systems Plan," dated September 2011; which recommends improvements on Irondale Gulch at Highway 2; and

WHEREAS, the Board previously authorized \$400,000 for the Irondale Gulch at Highway 2 project; and

WHEREAS, Commerce City and the District now desire to construct improvements along Irondale Gulch at Highway 2 (Exhibit A); and

WHEREAS, the District's additional participation being authorized by this resolution is \$300,000 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 total project cost is anticipated to be \$5,000,000; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 90, Series of 2022) for calendar year 2023 which includes funds for construction of drainage and flood control improvements along Irondale Gulch at Highway 2; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 93, Series of 2022) which includes funds for the improvements along Irondale Gulch at Highway 2.

NOW, THEREFORE, BE IT RESOLVED THAT:

- Resolution No. 42, Series of 2021, Paragraph 3, is amended as follows: "The District's maximum contribution to the Irondale Gulch at Highway 2 project without prior approval of the Board shall be \$400,000 \$700,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Commerce City."
- 2. All other conditions and authorizations remain as stated in Resolution No. 42, Series of 2021.

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT d/b/a MILE HIGH FLOOD DISTRICT

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

ATTEST:

Secretary

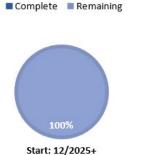
**RESOLUTION NO. 25, SERIES OF 2023** (Additional Authorization to Participate in Drainage and Flood Control Improvements on Irondale Gulch at Highway 2, Commerce City, Adams County)

### **EXHIBIT A**

# Irondale Gulch at Highway 2







# GOALS

Reduce flood risk by including a ٠ trunkline pipe to transport flow through neighborhood and regional detention

#### RESOLUTION NO. 26, SERIES OF 2023

(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 \$1,150,000 for the Big Dry Creek between County Line Road and East Orchard Road project; and

WHEREAS, SEMSWA, South Suburban Parks and Recreation District (SSPRD), 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 \$800,000 to be at least matched by SEMSWA, and SSPRD; and

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

WHEREAS, the total project cost is anticipated to be \$5,222,154; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 90, Series of 2022) for calendar year 2023 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. 93, Series of 2022) which includes funds for the improvements along Big Dry Creek between County Line Road and East Orchard Road.

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

- Resolution No. 57, Series of 2018, Paragraph 3, is further 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 \$1,150,000 \$1,950,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the Southwest Metro Stormwater Authority (SEMSWA) and South Suburban Parks and Recreation District (SSPRD)."
  - 2. All other conditions and authorizations remain as stated in Resolution No. 57, Series of 2018.

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT d/b/a MILE HIGH FLOOD DISTRICT

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

ATTEST:

Secretary

### **RESOLUTION NO. 26, SERIES OF 2023**

(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

# Big Dry Creek Between County Line Road and East Orchard Road, Arapahoe County



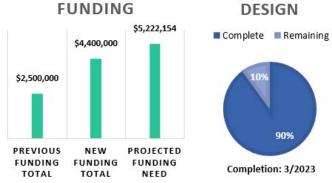
### CONSTRUCTION

#### Complete Remaining



# GOALS

- Improve several maintenance access and pedestrian crossings
- Stabilize several unsafe eroding banks
- Improve overall stream function



August 16, 2022, Storm Damage:



#### **RESOLUTION NO. 27, SERIES OF 2023**

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Westerly Creek at Alameda, Dakota and Virginia Avenue, 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 "Westerly Creek Major Drainageway Plan," dated 2015; which recommends improvements on Westerly Creek at Alameda Avenue, Dakota Avenue and Virginia Avenue; and

WHEREAS, the Board previously authorized \$900,000 for the Westerly Creek at Alameda, Dakota and Virginia Avenue project; and

WHEREAS, the Board previously authorized \$100,000 for the Westerly Creek – Virginia Tributary Upstream of Expo Park project (Resolution 52, Series of 2022); and

WHEREAS, the City of Aurora and the District now desire to combine the two projects because of their close proximity to each other; and

WHEREAS, the City of Aurora and the District now desire to construct improvements along Westerly Creek at Alameda, Dakota and Virginia Avenue (Exhibit A); and

WHEREAS, the District's additional participation being authorized by this resolution is \$1,000,000 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 total project cost is anticipated to be \$16,800,000; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 90, Series of 2022) for calendar year 2023 which includes funds for construction of drainage and flood control improvements along Westerly Creek at Alameda and Dakota and Virginia Avenue; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 93, Series of 2022) which includes funds for the improvements Westerly Creek at Alameda and Dakota and Virginia Avenue.

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

- Resolution No. 17, Series of 2021, Paragraph 3, is further amended as follows: "The District's maximum contribution to the Westerly Creek at Alameda and Dakota and Virginia Avenue project without prior approval of the Board shall be \$900,000 \$1,900,000 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. 17, Series of 2021.

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT d/b/a MILE HIGH FLOOD DISTRICT

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

ATTEST:

Secretary

### **RESOLUTION NO. 27, SERIES OF 2023**

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Westerly Creek at Alameda, Dakota and Virginia Avenue, City of Aurora, Arapahoe County)

### EXHIBIT A

#### Westerly Creek at Alameda, Dakota and Virginia Avenue **Rainy Site Visit** -TOW A PRINTER STATE FUNDING DESIGN CONSTRUCTION GOALS \$16,800,000 Complete Remaining Complete Remaining Prevent urban street flooding ٠ Update FEMA mapping to reflect ٠ \$7,800,000 constructed improvements 40% Provide water quality within the ٠ \$1,800,000 60% system PROJECTED PREVIOUS NEW FUNDING FUNDING FUNDING Start: 6/2021 Start: 01/2025+ TOTAL NEED TOTAL

#### **RESOLUTION NO. 28, SERIES OF 2023**

(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 (Upstream of Buckley Road) Major Drainageway Plan," dated September 2010; which recommends improvements on First Creek; and

WHEREAS, the Board previously authorized \$4,649,000 for the First Creek Detention Basins upstream of I-70 project; and

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 total project cost is anticipated to be \$12,800,000; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 90, Series of 2022) for calendar year 2023 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. 93, Series of 2022) which includes funds for the improvements along First Creek Detention Basins Upstream of I-70.

NOW, THEREFORE, BE IT RESOLVED THAT:

- Resolution No. 58, Series of 2009, Paragraph 3, is 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 \$4,649,000 \$5,049,000 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.

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT d/b/a MILE HIGH FLOOD DISTRICT

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

ATTEST:

Secretary

#### RESOLUTION NO. 28, SERIES OF 2023

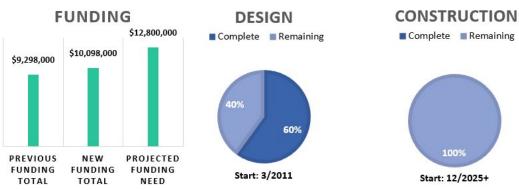
(Additional Authorization to Participate in Drainage and Flood Control Improvements on First Creek Detention Basins upstream of I-70, City of Aurora, Arapahoe County)

### EXHIBIT A

# First Creek Detention Basins Upstream of I-70







# GOALS

- Reduce flood risk downstream of I-70
- Meet IGA requirements between Aurora and Denver
- Restore natural and beneficial functions

#### RESOLUTION NO. 29, SERIES OF 2023 (Additional Authorization to Participate in Drainage and Flood Control Improvements on Little Dry Creek from Easter Place to Holly Dam, 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 Little Dry Creek from Easter Place to Holly Dam project; and

WHEREAS, SEMSWA and the District cooperated in the preparation of "Willow Creek, Little Dry Creek, and Greenwood Gulch Outfall Systems Planning Study," dated February 2010; which recommends improvements on Little Dry Creek from Easter Place to Holly Dam; and

WHEREAS, the Board previously authorized \$100,000 for the Little Dry Creek from Easter Place to Holly Dam project; and

WHEREAS, SEMSWA and the District now desire to construct improvements along Little Dry Creek from Easter Place to Holly Dam (Exhibit A); and

WHEREAS, the District's additional 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 total project cost is anticipated to be \$3,000,000; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 90, Series of 2022) for calendar year 2023 which includes funds for construction of drainage and flood control improvements along Little Dry Creek from Easter Place to Holly Dam; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 93, Series of 2022) which includes funds for the improvements along Little Dry Creek from Easter Place to Holly Dam.

NOW, THEREFORE, BE IT RESOLVED THAT:

- Resolution No. 33, Series of 202, Paragraph 3, is amended as follows: "The District's maximum contribution to the Little Dry Creek from Easter Place to Holly Dam 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 Little Dry Creek from Easter Place to Holly Dam."
- 2. All other conditions and authorizations remain as stated in Resolution No. 33, Series of 2023.

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

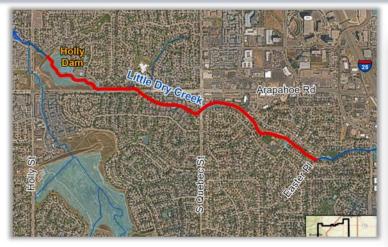
ATTEST:

Secretary

RESOLUTION NO. 29, SERIES OF 2023 (Additional Authorization to Participate in Drainage and Flood Control Improvements on Little Dry Creek from Easter Place to Holly Dam, Arapahoe County)

EXHIBIT A

Little Dry Creek Easter Place to Holly Dam

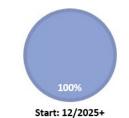


Sanitary Sewer Threatened near Sturbridge Property:









GOALS

- Assess the condition of the entire corridor using Urban Stream Assessment Protocol
- Stabilize eroding banks and threatened infrastructure

#### RESOLUTION NO. 30, SERIES OF 2023 (Additional Authorization to Participate in Drainage and Flood Control Improvements on Willow Creek from County Line Road to Quebec 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 enacted floodplain regulations; and

WHEREAS Arapahoe County has assigned and transferred to the Southeast Metro Stormwater Authority (SEMSWA) its rights and obligations for the Willow Creek from County Line Road to Quebec Street project; and

WHEREAS, SEMSWA and the District cooperated in the preparation of "Willow Creek, Little Dry Creek and Greenwood Gulch Outfall Systems Planning Study," dated February 2010; which recommends improvements on Willow Creek from County Line Road to Quebec Street; and

WHEREAS, the Board previously authorized \$200,000 for the Willow Creek from County Line Road to Quebec Street project; and

WHEREAS, SEMSWA and the District now desire to construct improvements along Willow Creek from County Line Road to Quebec Street (Exhibit A); and

WHEREAS, the District's additional participation being authorized by this resolution is \$225,000 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 total project cost is anticipated to be \$3,250,000; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 90, Series of 2022) for calendar year 2023 which includes funds for construction of drainage and flood control improvements along Willow Creek from County Line Road to Quebec Street; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 93, Series of 2022) which includes funds for the improvements along Willow Creek from County Line Road to Quebec Street.

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

- Resolution No. 36, Series of 2021, Paragraph 3, is further amended as follows: "The District's maximum contribution to the Willow Creek from County Line Road to Quebec Street project without prior approval of the Board shall be \$200,000 \$425,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Southeast Metro Stormwater Authority."
- 2. All other conditions and authorizations remain as stated in Resolution No. 36, Series of 2021.

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT d/b/a MILE HIGH FLOOD DISTRICT

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

ATTEST:

Secretary

RESOLUTION NO. 30, SERIES OF 2023 (Additional Authorization to Participate in Drainage and Flood Control Improvements on Willow Creek from County Line Road to Quebec Street, Arapahoe County)

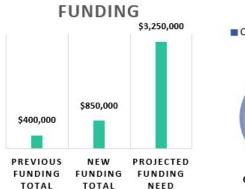
### EXHIBIT A

# Willow Creek from County Line Road to Quebec Street



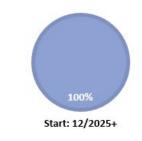
Summer 2022 Rainfall Drone Footage:







CONSTRUCTION Complete Remaining



# GOALS

- Address significant bank erosion issues at multiple locations that pose a safety risk and threaten trails
- Potential master-planned detention

#### **RESOLUTION NO. 31, SERIES OF 2023**

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Sanderson Gulch from Florida Avenue to Arkansas 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 "Sanderson Gulch Major Drainageway Plan," dated September 2013; which recommends improvements on Sanderson Gulch from Florida Avenue to Arkansas Avenue; and

WHEREAS, the Board previously authorized \$300,000 for the Sanderson Gulch from Florida Avenue to Arkansas Avenue project; and

WHEREAS, the City and County of Denver and the District now desire to construct improvements along Sanderson Gulch from Florida Avenue to Arkansas Avenue (Exhibit A); and

WHEREAS, the District's additional participation being authorized by this resolution is \$440,000 to be at least matched by 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 total project cost is anticipated to be \$16,000,000; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 90, Series of 2022) for calendar year 2023 which includes funds for construction of drainage and flood control improvements along Sanderson Gulch from Florida Avenue to Arkansas Avenue; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 93, Series of 2022) which includes funds for the improvements along Sanderson Gulch from Florida Avenue to Arkansas Avenue.

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

- Resolution No. 32, Series of 2022, Paragraph 3, is amended as follows: "The District's maximum contribution to the Sanderson Gulch from Florida Avenue to Arkansas Avenue project without prior approval of the Board shall be \$300,000 \$740,000 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. 32, Series of 2022.

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT d/b/a MILE HIGH FLOOD DISTRICT

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

ATTEST:

Secretary

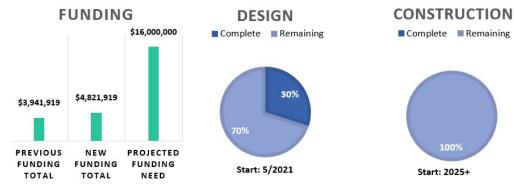
RESOLUTION NO. 31, SERIES OF 2023 (Additional Authorization to Participate in Drainage and Flood Control Improvements on Sanderson Gulch from Florida Avenue to Arkansas Avenue, City and County of Denver)

### EXHIBIT A

### Sanderson Gulch from Florida Avenue to Arkansas Avenue









- Address urban flooding by upsizing existing open channel and providing 100-year culvert capacity
- Improve trail safety through two new pedestrian underpasses

#### **RESOLUTION NO. 32, SERIES OF 2023**

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Weir Gulch – Reach W1, South Platte River to 8th 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 "Denver Storm Drainage Master Plan," dated September 2014; and

WHEREAS, the Board previously authorized \$6,700,000 for the Weir Gulch – Reach W1, South Platter River to 8th Avenue project; and

WHEREAS, the City and County of Denver and the District now desire to construct improvements along Weir Gulch – Reach W1, South Platte River to 8th Avenue (Exhibit A); and

WHEREAS, the District's additional participation being authorized by this resolution is \$2,000,000 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 total project cost is anticipated to be \$35,000,000; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 90, Series of 2022) for calendar year 2023 which includes funds for construction of drainage and flood control improvements along Weir Gulch – Reach W1, South Platte River to 8th Avenue; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 93, Series of 2022) which includes funds for the improvements along Weir Gulch – Reach W1, South Platte River to 8th Avenue.

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

- Resolution No. 52, Series of 2020, Paragraph 3, is further amended as follows: "The District's maximum contribution to the Weir Gulch – Reach W1, South Platte River to 8th Avenue project without prior approval of the Board shall be \$6,700,000 \$8,700,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City and County of Denver."
- 2. All other conditions and authorizations remain as stated in Resolution No. 52, Series of 2020.

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT d/b/a MILE HIGH FLOOD DISTRICT

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

ATTEST:

Secretary

#### RESOLUTION NO. 32, SERIES OF 2023 (Additional Authorization to Participate in Drainage and Flood Control Improvements on Weir Gulch – Reach W1, South Platte River to 8th Avenue, City and County of Denver)

### EXHIBIT A

Weir Gulch - Reach W1, South Platte River to 8th Avenue







#### RESOLUTION NO. 33, SERIES OF 2023 (Additional Authorization to Participate in Drainage and Flood Control Improvements on the South Platte River – Globeville Levee from 31st Street to East 50th 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 "Globeville Levee Recertification Conceptual Design," dated July 2018; which recommends improvements on the South Platte River – Globeville Levee from 31st Street to East 50th Avenue; and

WHEREAS, the Board previously authorized \$5,700,000 for the South Platte River – Globeville Levee from 31st Street to East 50th Avenue project; and

WHEREAS, the City and County of Denver and the District now desire to construct improvements along South Platte River – Globeville Levee from 31st Street to East 50th Avenue (Exhibit A); and

WHEREAS, the District's additional participation being authorized by this resolution is \$2,000,000 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 total project cost is anticipated to be \$40,000,000; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 90, Series of 2022) for calendar year 2023 which includes funds for construction of drainage and flood control improvements along South Platte River – Globeville Levee from 31st Street to East 50th Avenue; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 93, Series of 2022) which includes funds for the improvements along South Platte River – Globeville Levee from 31st Street to East 50th Avenue.

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

- Resolution No. 41, Series of 2022, Paragraph 3, is further amended as follows: "The District's maximum contribution to the South Platte River – Globeville Levee from 31st Street to East 50th Avenue project without prior approval of the Board shall be \$5,700,000 \$7,700,000 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. 41, Series of 2022.

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT d/b/a MILE HIGH FLOOD DISTRICT

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

ATTEST:

Secretary

#### RESOLUTION NO. 33, SERIES OF 2023 (Additional Authorization to Participate in Drainage and Flood Control Improvements on the South Platte River – Globeville Levee from 31st Street to East 50th Avenue, City and County of Denver)

Exhibit A

### South Platte River- Globeville Levee from 31st Street to E. 50th Avenue



#### **RESOLUTION NO. 34, SERIES OF 2023**

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Marcy Gulch from Stockpond to Wildcat Reserve Parkway, Highlands Ranch Metro District, Douglas County)

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

WHEREAS, Douglas County has enacted floodplain regulations; and

WHEREAS, the Highlands Ranch Metro District (HRMD) participated in the preparation of "Master Plan of Drainage for Marcy Gulch," dated 1985, which recommends improvements on Marcy Gulch from Stockpond to Wildcat Reserve Parkway; and

WHEREAS, the Board previously authorized \$825,000 for the Marcy Gulch from Stockpond to Wildcat Reserve Parkway project (Exhibit A); and

WHEREAS, HRMD and the District have completed construction and now desire to implement postconstruction vegetation management for Marcy Gulch from Stockpond to Wildcat Reserve Parkway (Exhibit A); and

WHEREAS, the HRMD and the District have completed construction of the Big Dry Creek in the Links Golf Course project; and

WHEREAS, \$24,981.40 of District Funds shall be transferred from the Big Dry Creek in the Links Golf Course project (Resolution No. 79, Series of 2016) to the Marcy Gulch from Stockpond to Wildcat Reserve Parkway project to assist with post-construction vegetation management; and

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

NOW, THEREFORE, BE IT RESOLVED THAT:

- Resolution No. 71, Series of 2020, Paragraph 3, is further amended as follows: "The District's maximum contribution to the Marcy Gulch from Stockpond to Wildcat Reserve Parkway project without prior approval of the Board shall be \$825,000-\$849,981.40 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. 71, Series of 2020.

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT d/b/a MILE HIGH FLOOD DISTRICT

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

ATTEST:

Secretary

### RESOLUTION NO. 34, SERIES OF 2023

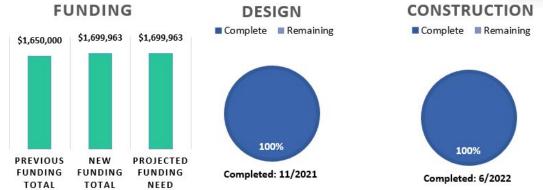
(Additional Authorization to Participate in Drainage and Flood Control Improvements on Marcy Gulch from Stockpond to Wildcat Reserve Parkway, Highlands Ranch Metro District, Douglas County)

### EXHIBIT A

## Marcy Gulch from Stockpond to Wildcat Reserve Parkway







# GOALS

- Construction is complete. The work stabilized and restored a highly eroded channel.
- Additional funding is for post-construction vegetation establishment and minor repairs caused by post-construction flooding.

#### RESOLUTION NO. 35, SERIES OF 2023 (Additional Authorization to Participate in Drainage and Flood Control Improvements on Big Dry Creek [ADCO] and South and Middle Branches Hylands Creek upstream of Sheridan Boulevard, City of Westminster, Jefferson County)

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

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

WHEREAS, the City of Westminster and the District cooperated in the preparation of "Big Dry Creek Major Drainageway Plan," dated March 2012 and "Big Dry Creek (ADCO) and Tributaries, Outfall Systems Plan," dated January 1989; which recommend improvements on Big Dry Creek (ADCO) and South and Middle Branches Hylands Creek upstream of Sheridan Boulevard; and

WHEREAS, the Board previously authorized \$4,063,000 for the Big Dry Creek (ADCO) and South and Middle Branches Hylands Creek upstream of Sheridan Boulevard project; and

WHEREAS, the City of Westminster and the District now desire to construct improvements along Big Dry Creek (ADCO) and South and Middle Branches Hylands Creek upstream of Sheridan Boulevard (Exhibit A); and

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

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

WHEREAS, the total project cost is anticipated to be \$16,200,000; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 90, Series of 2022) for calendar year 2023 which includes funds for construction of drainage and flood control improvements along Big Dry Creek (ADCO) and South and Middle Branches Hylands Creek upstream of Sheridan Boulevard; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 93, Series of 2022) which includes funds for the improvements along Big Dry Creek (ADCO) and South and Middle Branches Hylands Creek upstream of Sheridan Boulevard.

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

- Resolution No. 75, Series of 2016, Paragraph 3, is further amended as follows: "The District's maximum contribution to the Big Dry Creek (ADCO) and South and Middle Branches Hylands Creek upstream of Sheridan Boulevard project without prior approval of the Board shall be \$4,063,000 \$5,063,000 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.

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT d/b/a MILE HIGH FLOOD DISTRICT

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

ATTEST:

Secretary

RESOLUTION NO. 35, SERIES OF 2023 (Additional Authorization to Participate in Drainage and Flood Control Improvements on Big Dry Creek [ADCO] and South and Middle Branches Hylands Creek upstream of Sheridan Boulevard, City of Westminster, Jefferson County)

EXHIBIT A

Big Dry Creek (AdCo) and South and Middle Branches Hylands Creek upstream of Sheridan Boulevard





#### **RESOLUTION NO. 36, SERIES OF 2023**

(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; which recommends improvements on North Dry Gulch from Lamar Street to Teller Street; and

WHEREAS, the Board previously authorized \$6,450,000 for the North Dry Gulch from Lamar Street to Teller Street project; and

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 \$775,000 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 total project cost is anticipated to be \$25,000,000; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 90, Series of 2022) for calendar year 2023 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. 93, Series of 2022) which includes funds for the improvements along North Dry Gulch from Lamar Street to Teller Street.

NOW, THEREFORE, BE IT RESOLVED THAT:

- 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 \$6,450,000 \$7,225,000 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.

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT d/b/a MILE HIGH FLOOD DISTRICT

Date:

ATTEST:

Secretary

RESOLUTION NO. 36, SERIES OF 2023 (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

## North Dry Gulch from Lamar Street to Teller Street



#### **RESOLUTION NO. 37, SERIES OF 2023**

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Weaver Creek at Belleview 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 Belleview Avenue; and

WHEREAS, the Board previously authorized \$992,303 for the Weaver Creek at Belleview Avenue project; and

WHEREAS, Jefferson County and the District now desire to construct improvements along Weaver Creek at Belleview Avenue (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 total project cost is anticipated to be \$4,000,000; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Special Revenue Fund – Construction Budget (Resolution No. 90, Series of 2022) for calendar year 2023 which includes funds for construction of drainage and flood control improvements along Weaver Creek at Belleview Avenue; and

WHEREAS, the District has adopted, subsequent to a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 93, Series of 2022) which includes funds for the improvements along Weaver Creek at Belleview Avenue.

NOW, THEREFORE, BE IT RESOLVED THAT:

- Resolution No. 80, Series of 2020, Paragraph 3, is amended as follows: "The District's maximum contribution to the Weaver Creek at Belleview Avenue project without prior approval of the Board shall be \$992,303 \$1,292,303 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. 80, Series of 2020.

URBAN DRAINAGE AND FLOOD CONTROL DISTRICT d/b/a MILE HIGH FLOOD DISTRICT

Date: \_\_\_\_

ATTEST:

Secretary

#### **RESOLUTION NO. 37, SERIES OF 2023**

(Additional Authorization to Participate in Drainage and Flood Control Improvements Weaver Creek at Belleview Avenue, Jefferson County)

### <u>EXHIBIT A</u>

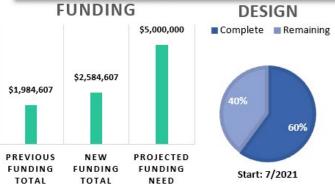
# Weaver Creek at Belleview Avenue



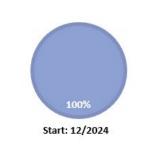




(1) 78-inch CMP



# CONSTRUCTION Complete Remaining



# GOALS

- Reduce flood overtopping of Bellview Avenue
- Improve public safety
- Protect Utilities
- Stabilize the stream bed and roadway banks