



# URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## BOARD OF DIRECTORS MEETING

Date: Friday, February 1, 2013

Time: 1:00 pm

(Lunch at 12:15 pm/How the District Works at 12:45 pm)

### AGENDA

1. **Call to Order and Pledge of Allegiance – 1:00 pm**
2. **Swearing in of New Board Members**
  - a. Commissioner Nancy Sharpe
  - b. Commissioner Charles (Chaz) Tedesco
  - c. Mayor Pro Tem Stephanie Piko
3. **Roll Call – Determination of Quorum**
4. **Nominating Committee Recommendation (Mayor McNulty)**
  - a. Election of Executive Committee (*motion and vote*)
5. **Presentation of 2012 Audit – Discussion**
  - a. Mark Elmshauser, CPA, Clifton Larson Allen, LLP
6. **Board of Directors Professional Engineer Appointment**
  - a. Nominating Committee Recommendation (Mayor McNulty)
  - b. Resolution No. 1, Series of 2013 (*Motion and vote*)
7. **Introductions**
  - a. Visitors/Guests/Staff
  - b. Awards/Recognitions
8. **Approval of December 20, 2012 Meeting Minutes** (*If there are no corrections “Minutes stand approved”, or with corrections “Minutes stand approved as corrected”*)
9. **Public Hearing**
  - a. Amendment to the District's Floodplain Regulation
10. **Consent Agenda** (*Consent items are considered routine and will be approved by one motion unless a request is made by a Board Member for removal for further discussion or explanation.*)
  - a. Review of Cash Disbursements
  - b. Designation of Public Place for Posting of Meeting Notices  
(Resolution No. 2, Series of 2013)
  - c. Amendment to the District's Floodplain Regulation  
(Resolution No. 3, Series of 2013)
  - d. Acceptance of West Toll Gate Creek Planning Study  
(Resolution No. 4, Series of 2013)
  - e. Additional Authorization to Participate in Drainage and Flood Control Improvements on Piney Creek at Tower Road, City of Centennial and Unincorporated Arapahoe County  
(Resolution No. 5, Series of 2013)

- f. Additional Authorization to Participate in Drainage and Flood Control Improvements on Cherry Creek at Arapahoe Road, Cities of Aurora, Centennial, and Unincorporated Areas, Arapahoe County  
(Resolutions No. 6, Series 2013)
- g. Additional Authorization to Participate in Drainage and Flood Control Improvements on Sulphur Gulch from Parker Road to Approximately Half a Mile Upstream of Pine Drive, Town of Parker, Douglas County  
(Resolution No. 7, Series of 2013)
- h. Additional Authorization to Participate in Drainage and Flood Control Improvements on the 40<sup>th</sup> Street Outfall, City and County of Denver  
(Resolution No. 8, Series of 2013)
- i. Authorization to Participate in Drainage and Flood Control Improvements along Cherry Creek at Norton Farms, Town of Parker, Douglas County  
(Resolution No. 9, Series of 2013)

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

**12. Reports/Discussion**

- a. Executive Director's Report

**13. Other Business**

- a. Annual Legal Summary

**14. Announcements**

- a. Next Regularly Scheduled Meeting: **Thursday, March 21, 2013**

**15. Adjournment**



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

**December 20, 2012**

**MINUTES**

**Members Present:**

Susan Beckman, Commissioner, Arapahoe County  
Marsha Berzins, City of Aurora  
Debbie Brinkman, Mayor, City of Littleton  
Joyce Downing, Mayor, City of Northglenn  
Deb Gardner, Commissioner, Boulder County  
Keith Gardner, Mayor Pro Tem, City of Centennial  
Faye Griffin, Commissioner, Jefferson County  
B. H. (Bob) Hoffmaster, Engineer  
Cary Kennedy, Deputy Mayor, City/County of Denver  
Paul Lopez, Council Member, City/County of Denver  
Nancy McNally, Mayor, City of Westminster  
Bonnie McNulty, Mayor, City of Edgewater  
Lisa Morzel, Deputy Mayor, City of Boulder  
Bob Murphy, Mayor, City of Lakewood  
Alice Nichol, Commissioner, Adams County  
Jill Repella, Commissioner, Douglas County  
Dave Sellards, Engineer  
Greg Stokes, Mayor Pro Tem, City/County of Broomfield  
Mary Beth Susman, Council Member, City/County of Denver  
Rachel Zenzinger, Mayor Pro Tem, City of Arvada  
Heidi Williams, Mayor, City of Thornton

**Members Absent:**

Peggy Lehmann, Council Member, City/County of Denver  
Bob Muckle, Mayor, City of Louisville

**UDFCD Staff Present:**

Paul Hindman	Executive Director
Ed Krisor	Legal Counsel
Julia Bailey	Project Engineer, Information Systems & Flood Warning
Dave Bennetts	Manager, Design, Construction, and Maintenance
Richard Borchardt	Senior Project Engineer, Design, Construction, and Maintenance
Barbara Chongtousa	Senior Project Engineer, Design, Construction, and Maintenance
Amelia Deleon	Administrative Services Manager
Frank Dobbins	Director of Finance and Accounting
Terri Fead	Project Engineer, Floodplain Management
Jeff Fisher	Senior Construction Manager, Design, Construction, and Maintenance
Bill DeGroot	Manager, Floodplain Management
Bryan Kohlenberg	Senior Project Engineer, Design, Construction, and Maintenance
Laura Kroeger	Assistant Manager, Design, Construction, and Maintenance
David Mallory	Senior Project Engineer, Floodplain Management
Ken McKenzie	Manager, Master Planning
Holly Piza	Senior Project Engineer, Master Planning
David Skuodas	Senior Project Engineer, Design, Construction, and Maintenance
Kevin Stewart	Manager, Project Engineer, Information Systems & Flood Warning
Shea Thomas	Senior Project Engineer, Master Planning
Joanna Czarnecka	Construction Manager, Floodplain Management
Myles Gardner	Student Intern, Master Planning
Jeremy Deischer	Student Intern, Information Systems & Flood Warning

## **Others Present**

Sheree Steiner

Mountain States Employers Council (MSEC)

1. **Call to Order and Pledge of Allegiance – 1:00 p.m.**  
Commissioner Beckman called the meeting to order at 1:00 p.m.
2. **Roll Call - Determination of Quorum**  
Roll was called and a quorum was declared present.
3. **Introductions**
  - a. **Visitors/Guests**  
Paul introduced Sheree Steiner, with MSEC, who helped facilitate the Executive Director's annual review process.
4. **Executive Session – Executive Director's Annual Review**  
It was moved by Commissioner Beckman to go into Executive Session at 1:15 pm to discuss the Executive Director's annual review with MSEC. The Executive Session concluded at 1:35 p.m.  
  
The Board voted unanimously to accept the recommendation discussed to adjust the Executive Director's compensation package. The recommendations were delivered to Frank Dobbins, Director of Finance and Accounting.
  - b. **Awards/Presentations**  
The District received an Award for Outstanding Achievement from the Colorado Association of Stormwater and Floodplain Managers (CASFM) on behalf of the South Platte River and Lower Lakewood Gulch Improvement Project. Bryan Kohlenberg accepted the award on behalf of the District and was recognized at the board meeting.
4. **Board Approval of October 18, 2012 Meeting Minutes**  
Mayor McNally moved to approve the October 18, 2012 minutes. The minutes were approved as submitted.
5. **Public Hearing**  
Commissioner Beckman opened the Public Hearing portion of the meeting.
  - a. **Presentation of Proposed 2012 – 2016 Five-Year Capital Improvement Plan**  
This is the final presentation of the Five-Year Capital Improvement Plan (CIP). The CIP was sent to local governments in September asking for comments to be returned to the District. Comments and requests were received from most of the local governments and they have been incorporated into the CIP to the extent possible. All requests cannot be accommodated because there are more requests than there are funds available. The draft 2012 – 2016 Five -Year CIP was distributed to Board members at the last Board meeting.  
  
Although the District welcomes CIP requests throughout the year, opportunities to change the Five-Year CIP are limited once it is adopted in December. There is a strong demand for District participation, so it is difficult to add a new project unless another project can be omitted or postponed.  
  
The Five-Year CIP has some built-in flexibility in the funding levels because matching funds from local governments tend to change throughout the year for these large CIP projects. The final Five-Year CIP is presented at the December meeting for adoption pursuant to a public hearing. Authorization for all individual CIP project expenditures will be brought before the Board during 2013.  
  
Chairperson Beckman asked if there were any questions or comments from the public. There being none. The Public Hearing portion of the meeting was closed.  
  
Public hearing concluded at 1:35 pm.



**6. Consent Agenda**

**a. Review of Cash Disbursements**

Cash Disbursement list dated November and December 2012 was distributed to the Board for review. There being no further comments or questions, it was the consensus of the Board to include approval of the Cash Disbursements on the Consent Agenda.

**b. Adoption of 2013 Work Program (Resolution No. 57, Series of 2012)**

The 2013 Work Program sets forth primary activities of the District for each major program area. It does not authorize any expenditure. The major program areas include Design, Construction and Maintenance; Floodplain Management; Information Systems and Flood Warning; Master Planning and Special Services (USGS Data Collection, NPDES Activities, etc.). Resolution 57 adopts the Work Program for 2013. The 2013 Work Program serves as a guide and based on changing needs projects may be added or removed. The 2013 Work Plan consists of a built-in contingency for each county to account for unanticipated projects.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 57 on the Consent Agenda.

**c. Adoption of Five-Year Capital Improvement Plan (CIP) 2012 - 2016 (Resolution No. 58, Series of 2012)**

Resolution No. 58, Adoption of the Five-Year CIP 2012 - 2016, was discussed during the Public Hearing portion of the meeting. There being no further comments or questions, it was the consensus of the Board to place Resolution No. 58 on the Consent Agenda.

**d. Authorization of 2013 Maintenance Expenditures (Resolution No. 59, Series of 2012)**

Authorization will be for the total amount of \$8,287,626, in the Maintenance Fund (Resolution No. 59) and \$1,735,000 in the South Platte River Fund (Resolution No. 60). Adoption of the 2013 budget will limit expenditures in each county to each county's share determined by property tax revenue contribution.

The 2013 Maintenance Work Plan is developed to guide maintenance activities for routine and restoration projects on a county-by-county basis. The Draft 2013 Maintenance Work Plan and a South Platte River Work Plan were distributed to the Board at the last Board meeting.

Maintenance Work Plan priorities are based on the following:

- District owned facilities
- Facilities owned by other public entities, but partly financed with District funds
- Facilities owned by other public entities and constructed by others without District assistance
- Unimproved urban drainageways
- Unimproved rural drainageways

Both work plans are based on adding routine maintenance for facilities completed in 2012, continued commitment to facilities owned by the District or constructed with District assistance, staff knowledge of condition of drainageways, annual requests from local governments of maintenance needs, and staff contacts with local entities. Work is listed by county and category of work and includes the local government where the work is located, location, description of work, and the estimated cost.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 59 on the Consent Agenda.

**e. Authorization of 2013 Maintenance Expenditures for South Platte River (Resolution No. 60, Series of 2012)**

Resolution No. 60, Authorization of 2013 Maintenance Expenditures for South Platte River, was discussed under the previous resolution (Resolution 59).

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 60 on the Consent Agenda.

**f. Authorization to Enter into Agreement with the U.S Geological Survey (USGS) for Rainfall/Runoff Investigation (Resolution No. 61, Series of 2012)**

Hydrology is the study of rainfall and resulting stormwater runoff. It is the foundation for all of the District's drainage and flood control design. The District has been part of a cooperative agreement with the USGS regarding rainfall and runoff investigations and peak flow data collection since 1982.

The cost of entering into a cooperative agreement with the USGS with regard to rainfall, runoff, and stream flow data collection and investigation is estimated at \$100,000, which funds are available in the 2013 Work Program.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 61 on the Consent Agenda.

**g. Authorization of 2013 Maintenance Expenditures to Assist Local Governments in Maintaining Existing Flood Warning Systems (Resolution No. 62, Series of 2012)**

The District implemented its first early flood detection network in 1978 by installing automated rain and stream gages in the Boulder Creek drainage basin. This network now extends into all seven District counties and includes over 200 stations. Data from the ALERT System is used extensively by local public works and emergency management agencies, our forecasters, the National Weather Service, local news media, and many others including the general public. ALERT is an acronym that stands for Automated Local Evaluation in Real-Time.

Measurements from gaging stations are relayed by radio to repeaters that forward the information to base station receivers. All ALERT transmitters are licensed by the FCC and use dedicated hydrologic frequencies assigned to the National Weather Service. For the past 34 years, the District has assisted local governments with maintaining the ALERT System. Maintenance activities include:

- Activation of gages prior to the flood season (15 April to 15 September)
- Preventative maintenance during the flood season
- Fall shutdown and removal of electronic equipment
- Winter storage of equipment
- Year-round maintenance of weather stations, repeaters and base stations
- Year-round maintenance of stream gages on the South Platte River, Sand Creek, Cherry Creek, Bear Creek, Boulder Creek, and South Boulder Creek

The District maintains the largest portion of this network, while Boulder County, Douglas County and the Aurora Water Department maintain stations that are outside the District's area of interest. For example, gages located in the St. Vrain and Left Hand Canyon watersheds in northern Boulder County are maintained by Boulder County.

The District has also maintained data receiving equipment for 4 base stations located at The Consolidated Mutual Water Company in Lakewood (Lena Gulch), Denver Wastewater Management Division, the District's main office and at the District Flood Prediction Center on the third floor. This configuration will change in 2013 as we migrate to more modern technology and improve our Internet services.

The budget for 2013 was increased by \$17,000 to accommodate additional minor services. Resolution No. 62 will authorize \$407,000 from the Maintenance Fund for maintaining the ALERT system.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 62 on the Consent Agenda.

**h. Authorization to Establish an Areawide Meteorological Support Service to Local Governments (Resolution No. 63, Series of 2012)**

The District's flash flood prediction program was first established by the District in 1979 after the Big Thompson Canyon flash flood and has been serving the District for the past 34 consecutive years. It utilizes the services of a private meteorologist and operates in close partnership with the National Weather Service.

The professional forecast services provide notifications to local governments concerning potential flood threats. After storms develop the meteorologists are engaged with interpreting radar and other weather data and keeping local governments informed as conditions change. The District's ALERT system is used by the meteorologist along with radar and satellite data in making forecasts. The program also supports basin flood warning plans for Boulder Creek, Lena Gulch and Bear Creek in Jefferson County, Ralston Creek in Arvada, Goldsmith/Harvard Gulch in Denver, Toll Gate Creek in Aurora, and Westerly Creek in Denver/Aurora. The program operates during the flood season from mid-April through mid-September.

Resolution No. 63 will authorize \$98,000 from the General Fund to provide weather forecasts and flood predictions to local governments in 2013. The resolution also authorizes an additional \$35,700 for acquiring radar and satellite data, and for other operating costs.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 63 on the Consent Agenda.

**i. Additional Authorization to Participate in Drainage and Flood Control Improvements on Cherry Creek from Monaco Parkway to Iliff Avenue, City and County of Denver (Resolution 64, Series of 2012)**

This is a joint project with City and County of Denver. Engineer selection will be in 2013 to design the project under contract with the District. The drainage elements of the project include installation of drop structures and bank improvements. Easement and right-of-way acquisition is included in the project costs.

The District and City and County of Denver have identified \$1,200,000 in total project costs with the District's participation being \$600,000. The previous authorizations, Resolution No. 31, Series of 2011; Resolution No. 45, Series of 2011; and Resolution No. 13, Series of 2012, totaled \$350,000 to fund design and to partially fund acquisition of right-of-way and construction.

Resolution No. 64 authorizes an additional \$250,000 of District funds from the Special Revenue Fund - Construction to at least be matched by City and County of Denver for the design, acquisition of right-of-way, and construction of the drainage elements of the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 64 on the Consent Agenda.

**j. Additional Authorization to Participate in Drainage and Flood Control Improvements on Little Dry Creek from Lowell Boulevard to Federal Boulevard, City of Westminster, Adams County (Resolution No. 65, Series of 2012)**

This is a joint project with the City of Westminster and Adams County. Muller Engineering is currently working on the design of the project under contract with the District. The drainage elements of the project include rebuilding the entire Little Dry Creek corridor from Lowell to Federal and construction of a formal detention pond upstream of Federal Boulevard to remove adjacent structures from the floodplain and to support future construction of a new park and an adjacent FasTracks station.

Easement and right-of-way acquisition is included in the project costs. The Barnum Publishing building has been purchased and removed in support of the new drainage and flood control facilities and park improvements.

Preliminary Design is ongoing and the District, City of Westminster, and Adams County desire to continue with final design, acquisition of right-of-way, and construction of improvements.

The District, City of Westminster, and Adams County have identified \$2,650,000 in total project costs with the District's participation being \$1,275,000. The previous authorizations, Resolution No. 54, Series of 2008, Resolution No. 20, Series of 2009, Resolution No. 12, Series of 2010, Resolution No. 43, Series of 2010, and Resolution No. 21, Series of 2012 totaled \$975,000 to fund design and to partially fund acquisition of right-of-way and construction.

Resolution No. 65 authorizes an additional \$300,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Westminster and Adams County for the design, acquisition of right-of-way, and construction of the drainage elements of the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 65 on the Consent Agenda.

**k. Additional Authorization to Participate in Drainage and Flood Control Improvements on Grange Hall Creek, City of Northglenn (Resolution No. 66, Series of 2012)**

This is a joint project with the City of Northglenn. Muller Engineering is designing the project under contract with the District. The drainage elements of the project include installation of pond outlet works upstream of Washington Street and new culverts across Washington Street and Larson Drive.

The City of Northglenn already holds the necessary easements and right-of-way where the project will be carried out. The District and the City of Northglenn now desire to construct the improvements which will be managed by the District.

The District and the City of Northglenn have identified \$3,283,538 in total project costs with the District's participation being \$1,220,000. Resolution No. 66 authorizes an additional \$370,000 of District funds to be matched by the City of Northglenn for the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 66 on the Consent Agenda.

**l. Additional Authorization to Participate in Drainage and Flood control Improvements on Irondale Gulch, Dahlia Outfall, Phase 4, Adams County (Resolution No. 67 Series of 2012)**

This is a joint project with Adams County. This has been a multi-phase project spanning the better part of a decade. ICON Engineering designed the project under contract with the District. The drainage elements of the project include installation of a regional storm sewer system to relieve nuisance flooding from areas of unincorporated Adams County and Commerce City. Easement and right-of-way acquisition is included in the project costs.

The final design is now complete and the District and Adams County desire to construct the improvements which will be managed by the District.

The District and Adams County have identified \$10,073,928 in total project costs with the District's participation being \$1,095,000. Resolution No. 67 authorizes an additional \$620,000 of District funds to be matched by Adams County for the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 67 on the Consent Agenda.

**m. Authorization to Participate in Drainage and Flood Control Improvements on Marston Lake, City and County of Denver (Resolution No. 68, Series of 2012)**

This is a joint project with the City and County of Denver. Denver desires to design, acquire right-of-way, and construct improvements along Marston Lake in accordance with the "Marston Lake North Drainageway Major Drainageway Plan" dated May, 2012. The project includes improvements to channel capacity and the installation of drop structures. Easement and right-of-way acquisition will be included in the project costs.

The District will be administering the design once a consulting engineering firm is selected in 2013.

The District and Denver have identified \$200,000 in initial project costs for the design and right-of-way acquisition with the District's participation being \$100,000 in 2013 funds. Construction is anticipated in 2018. Resolution No. 68 authorizes \$100,000 of District funds to be matched by the City and County of Denver for the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 68 on the Consent Agenda.

**n. Additional Authorization to Participate in Drainage and Flood Control Improvements on Littles Creek at West Lake Avenue, City of Littleton, Arapahoe County (Resolution No. 69, Series of 2012)**

This is a joint project with the City of Littleton. Muller Engineering is working on the final design under contract with the District. The drainage elements of the project include installation of larger drainage crossings of Lake Avenue, Parkhill Avenue, and Crocker Street and the associated channel improvements.

The City of Littleton already holds the necessary easements and right-of-way where the project will be carried out. The District and the City of Littleton have identified \$2,050,000 in total project costs with the District's participation being \$925,000. Construction is anticipated in 2013. Resolution No. 69 authorizes an additional \$200,000 of District funds to be matched by the City of Littleton for the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 69 on the Consent Agenda.

**o. Authorization for a Planning Study of Upper Westerly Creek (Resolution No. 70, Series of 2012)**

In 2011, the City of Aurora requested a master plan for Westerly Creek upstream of the Westerly Creek Dam. In 2012, Denver agreed to participate financially in the study and requested it be moved up in the schedule to coordinate with the current Denver Storm Drainage Master Plan update.

The watershed was previously studied by the District and the City of Aurora in the "Westerly Creek East of Havana Outfall Systems Planning" report (Merrick & Company, 1996). The improvements in this study emphasized detention rather than conveyance, and while some of the detention facilities have been constructed, others are no longer feasible. Aurora would like to re-evaluate opportunities to decrease flooding and convey the 100-year storm event.

The City and County of Denver currently shows a future detention pond located in the City of Aurora which will not be built. Denver needs to re-analyze the infrastructure needed downstream without the detention in place, and also work with Aurora to identify other potential locations for detention.

The total master planning costs are projected to be \$200,000 with the local sponsors contributing \$100,000 and the District's share not exceeding \$100,000 plus interest earned in the project's trust and agency account.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 70 on the Consent Agenda.

**p. Acceptance of Easterly Creek Outfall Systems Planning Study (Resolution No. 71, Series of 2012)**

Resolution No. 24 of 2011 authorized an Outfall Systems Planning Study for Easterly Creek, for which the District partnered with the City of Aurora.

Based on historical aerial photography, the Easterly Creek drainageway historically meandered northwesterly from Del Mar Circle to 17th Avenue. The drainageway was confined to a pipe and paved over by what is today Del Mar Parkway when the watershed developed in the 1950s. The pipe does not convey the 100-year storm event and the relative flat topography causes flooding issues in numerous locations throughout the watershed. Also, the watershed was completely developed without providing any water quality treatment.

Improvements include:

- Upsizing storm sewer trunk lines
- Formalizing one existing private detention basin for flood control and water quality
- Providing three new detention basins for flood control and water quality
- Identifying potential locations for Low Impact Development Best Management Practices (BMPs)
- Separating storm flows from the High Line Canal

Resolution 71 accepts the report and recommends that the improvements and practices in the report be used as a guide in future public works projects and in land development activities. There being no further comments or questions, it was the consensus of the Board to place Resolution No. 71 on the Consent Agenda.

**q. Authorization for a Planning Study of Weir Gulch (Resolution No. 72, Series of 2012)**

In 2011, the City of Aurora requested a master plan for Westerly Creek upstream of the Westerly Creek Dam. In 2012, Denver agreed to participate financially in the study and requested it be moved up in the schedule to coordinate with the current Denver Storm Drainage Master Plan update.

The watershed was previously studied by the District and the City of Aurora in the "Westerly Creek East of Havana Outfall Systems Planning" report (Merrick & Company, 1996). The improvements in this study emphasized detention rather than conveyance, and while some of the detention facilities have been constructed, others are no longer feasible. Aurora would like to re-evaluate opportunities to decrease flooding and convey the 100-year storm event.

The City and County of Denver currently shows a future detention pond located in the City of Aurora which will not be built. Denver needs to re-analyze the infrastructure needed downstream without the detention in place, and also work with Aurora to identify other potential locations for detention.

The total master planning costs are projected to be \$200,000 with the local sponsors contributing \$100,000 and we ask the Board to authorize the expenditure of the District's share not to exceed \$100,000 plus interest earned in the project's trust and agency account.

**r. Authorization for a Planning Study of Kalcevik Gulch (Resolution No. 73, Series of 2012)**

In 2009, Adams County requested a master plan for Weir Gulch and the 1st Avenue tributary. The City of Westminster has agreed to participate financially since the upper portion of the watershed lies within their jurisdiction.

Kalcevik Gulch flows are currently conveyed through the watershed underground in a storm sewer system to the southeast and daylight into Kalcevik Gulch at 70th Avenue. The storm sewer system does not convey the 100-year storm event. The watershed was developed before water quality treatment was a concern, so this study will look for opportunities for volumetric water quality treatment.

The watershed was previously studied by the District and Adams County in the “Kalcevik Gulch Drainage Basin Planning Study” study (Kiowa, 1988).

The local sponsors need to have a current and relevant master plan in place so they can plan capital improvements and direct re-development efforts. The total master planning costs are projected to be \$160,000 with the local sponsors contributing \$80,000 and the District’s share not to exceed \$80,000 plus interest earned in the project’s trust and agency account.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 73 on the Consent Agenda.

**s. Authorization to Assist Communities with NPDES MS4 Permit Compliance to develop Engineering Criteria and Software, and to Conduct Stormwater Management Research (Resolution No. 74, Series of 2012)**

Since 1991, the District has been assisting municipalities within the District in their efforts to comply with National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) permit requirements and related activities.

The cost of continued support services needed to meet NPDES Phase I permit commitments, to assist NPDES Phase 2 communities in their evolving permit compliance requirements, to provide required wet-weather monitoring of receiving waters as agreed to between the State and the permitted municipalities, and to continue the installation and testing of BMP facilities for the purpose of improving their design technology is estimated at \$160,000, the estimated cost for criteria development is estimated at \$125,000, the cost of software development is estimated at \$75,000, and the cost for stormwater management research is estimated at \$120,500.

The Board has adopted the 2013 Work Program (Resolution 57, Series of 2012) which includes a total of \$480,500 to assist governments within the District with their MS4 permit programs, to develop engineering criteria, software, and to conduct stormwater management research.

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

**t. Authorization of Funds to Complete Flood Hazard Area Delineation Studies, Letter of Map Changes Studies, Risk MAP Studies, and Other Floodplain Management Activities (Resolution No. 75, Series of 2012)**

The resolution authorizes the total Floodplain Management Program budget of \$360,000. The District typically receives requests from local governments throughout the year for FHAD and LOMR studies. No specific projects have been identified at this time.

This resolution:

- Authorizes the Executive Director to spend up to \$360,000 for Floodplain Management Program projects as well as any funds received from cooperating entities, or FEMA for the completion of Flood Hazard Area Delineation Studies,

Letter of Map Revision Studies and/or DFIRM maintenance projects requested by one or more local governments within the District. Other activities include public notification to citizens of flood hazards, review of development projects, and other activities required to promote good floodplain management practices

- Requires the Executive Director to report the initiation of any such projects to the Board of Directors on a timely basis.
- Requires that the benefitting local governments regulate their floodplains in accordance with National Flood Insurance Program regulations at a minimum.

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

**u. Acceptance of Flood Hazard Area Delineation Report for Sand Creek Colfax to Yale (Resolution No. 76, Series of 2012)**

This FHAD entitled “Flood Hazard Area Delineation, Sand Creek Colfax to Yale”, dated October 2012, was completed by Matrix Design Group. Funding came from the master planning and floodplain management programs. This resolution:

- Accepts the report “Flood Hazard Area Delineation, Sand Creek Colfax to Yale” dated October 2012 and recommends its use as a guide in future planning related to the floodplain
- Recommends Aurora and Arapahoe Counties adopt the report and regulate the 100-year floodplains defined in the report
- Directs that the report be submitted to the Colorado Water Conservation Board for designation and approval of the 100-year floodplain as flood hazard areas/

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 76 on the Consent Agenda.

**7. Vote on Approval of the Consent Agenda**

It was the consensus of the Board that Resolutions No. 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75 and 76, Series of 2012, and Cash Disbursements dated November and December, 2012 be placed on the Consent Agenda. Mayor McNally moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

**8. Reports/Discussion**

**a. Repurposing the High Line Canal for Stormwater Treatment**

The District is investigating the technical feasibility, costs, and benefits of converting specific High Line Canal reaches which Denver Water is considering decommissioning to allow those reaches to intercept small amounts of rain water in order to provide pollution control benefits and to irrigate the vegetation that flanks the canal and to reduce the runoff that currently flows directly into the South Platte River and its tributaries. The District will be working with several local governments to further investigate the feasibility of repurposing the canal.

**b. Executive Director’s Report**

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

**10. Other Business**

Appointment of 2013 Legislative Committee

Chairperson Beckman requested volunteers to serve on the 2013 Legislative Committee. Mayor Pro Tem Zenzinger, Mayor McNally, and Mr. Dave Sellards offered to serve on the 2013 Legislative Committee.

Appointment of Nominating Committee

Chairperson Beckman requested volunteers to serve as the Nominating Committee for the 2013 Executive Committee. Mayor Morzel, Mayor Bonnie McNulty, and Mayor Debbie Brinkman agreed to comprise the Nominating Committee.



**11. Announcements**

Mr. Hindman reminded everyone that there will not be a board meeting in January. The next board meeting is scheduled for February 01, 2013.

**12. Adjournment**

Commissioner Beckman adjourned the meeting at 3:20 p.m.

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 1, SERIES OF 2013  
(Appointment of Mark R. Hunter to Board of Directors)

WHEREAS, Subsection 204(6) of the Urban Drainage and Flood Control Act requires that two registered professional engineers be appointed to the Board, by the Board; and

WHEREAS, Beverly (Bob) Hoffmaster was reappointed as a director of the Urban Drainage and Flood Control District pursuant to Subsection 204(6) on February 1, 2011 for a two-year term ending January 31, 2013; and

WHEREAS, Beverly (Bob) Hoffmaster has advised the Board that he no longer desires to serve as a member of the Board of Directors; and

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

WHEREAS, recommendations for replacement as well as others were contacted with regard to the vacancy; and

WHEREAS, based on the applications submitted, the Board selected Mark R. Hunter to replace Mr. Bob Hoffmaster effective February 01, 2013; and

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

NOW, THEREFORE, BE IT RESOLVED THAT:

Mark R. Hunter is appointed as a member of the Board of Directors of the Urban Drainage and Flood Control District, effective February 1, 2013 for a term ending on January 31, 2015.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 2, SERIES OF 2013  
(Designation of Public Place for Posting of Meeting Notices)

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

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

NOW, THEREFORE, BE IT RESOLVED THAT:

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

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

## URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

### RESOLUTION NO. 3, SERIES OF 2013 (Amendment to the District's Floodplain Regulation)

WHEREAS, authority for the Board of Directors to adopt, amend, repeal, enforce, and otherwise administer under the police power reasonable floodplain zoning resolutions, rules, regulations, and orders pertaining to properties within the District of any public body or other person affecting the disposition of water drainage is contained in Section 32-11-218(1)(f)(I) C.R.S. 1973, as amended; and

WHEREAS, the uncontrolled use of the floodplains and watercourses within the District boundaries adversely affects the public health, safety, and welfare of the citizens of the District; and

WHEREAS, the Board of Directors by Resolution No. 11, Series of 1970, adopted a Floodplain Regulation; and

WHEREAS, the Board of Directors by Resolution No. 26, Series of 1974 and Resolution No. 2, Series of 1979, amended the Floodplain Regulations; and

WHEREAS, the Floodplain Regulation has been the subject of study, use, and commentary since 1970; and

WHEREAS, such study, use and commentary have indicated the desirability of an additional revision of the Floodplain Regulation; and

WHEREAS, a public hearing on the amendment proposed by the District has been held by the Board of Directors at which any public body owning drainage and flood control facilities in the District or exercising powers affecting drainage and flood control therein had an opportunity to be heard along with other persons having an interest in the proposed regulations as required by Section 32-11-218(1)(f)(II) C.R.S. 1973, as amended; and

WHEREAS, the Board of Directors has, with due consideration, determined the said Floodplain Regulation to be necessary to execute the legal duties imposed upon the District by its enabling legislation;

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board of Directors of the District does hereby amend its Floodplain Regulation by:
  - A. Removing subsections **2.1, 4.51, 4.52, 4.53, 5.32, 6.32, 6.33, 9.1** and replacing them with the following subsections:

2.1 **Jurisdiction:** The jurisdiction of this section includes all lands adjacent to any watercourse within the Urban Drainage and Flood Control District that would be inundated by the 100-year flood for that watercourse as defined in the Definitions section of this Resolution, and areas removed from the floodplain by the placement of fill.

4.51 **Residential Construction.** New construction or substantial improvement of any residential structure may be permitted only upon a finding by the Floodplain Administrator that the lowest floor, including basement, is to be elevated to or above the flood protection elevation. As a condition of such finding, such condition shall be certified by a Colorado registered professional engineer, architect, or land surveyor to the Floodplain Administrator. This includes structures placed on areas removed from the floodplain by fill.

4.52 Non-residential Construction. New construction or substantial improvement of any commercial, industrial or other non-residential structure may be permitted only upon a finding by the Floodplain Administrator that the lowest floor, including basement, is to be elevated to or above the flood protection elevation or, together with attendant utility and sanitary facilities, is to be flood proofed so that below the flood protection elevation the structure is water tight and with structural components having the capability of resisting hydrostatic and hydrodynamic loads and effects of buoyancy. This includes structures placed on areas removed from the floodplain by fill. A Colorado registered professional engineer or architect shall certify to the Floodplain Administrator that the standards of this subsection are satisfied.

4.53 Mobile Homes. New mobile home parks and mobile home subdivisions, expansions of existing mobile home parks and mobile home subdivisions, and existing mobile home parks and mobile home subdivisions where the repair, reconstruction, or improvement of the street utilities and pads equals or exceeds 50 percent of the value of the streets, utilities and pads before the repair, reconstruction or improvement has commenced and for mobile home subdivision, may be permitted only upon a finding by the Floodplain Administrator that:

- a) Stands or lots will be elevated on compacted fill or on pilings so that the lowest floor of the mobile home will be elevated to or above the flood protection elevations; and
- b) Adequate surface drainage and access for a hauler will be provided.

This includes mobile home parks placed on areas removed from the floodplain by fill.

5.32 No mobile homes or recreational vehicles shall be placed in the Floodway District

6.32 Within areas of shallow flooding all new construction and substantial improvement of residential structures may be permitted only upon a finding of the Floodplain Administrator that the lowest floor, including basement, will be elevated one foot above the crown of the nearest street or one foot above the depth specified on the map, whichever is higher.

6.33 Within areas of shallow flooding all new construction and substantial improvement of non residential structures may be permitted only upon a finding of the Floodplain Administrator that the lowest floor, including basement, will be elevated one foot above the crown of the nearest street; or the highest adjacent grade of the structure will be one foot above the depth specified on the map, whichever is higher; or together with attendant utility and sanitary facilities, will be completely floodproofed to or above that level so that any space below that level is watertight with walls substantially impermeable to the passage of water and with structural components having the capability of resisting hydrostatic and hydrodynamic loads and effects of buoyancy.

9.1 Every structure, building, fill or development placed or maintained within any floodplain in violation of this Regulation is a public nuisance and the creation thereof may be enjoined and maintenance thereof may be abated by action at suit of the City, Town, or County in which it is located or by the Urban Drainage and Flood Control District or any citizen thereof. Any person who places or maintains any structure, building, fill or development within any floodplain in violation of this Regulation may be fined not more

than \$500 for each offense. Each day during which such violation exists is a separate offense.

B. Adding the following subsections: **6.34, 6.35, 11.25:**

6.34 All new and substantially improved critical facilities and new additions to critical facilities in the Flood Storage District shall be elevated or floodproofed to at least one foot above the flood protection elevation.

6.35 New critical facilities shall, when practicable, have continuous non-inundated access (ingress and egress for evacuation and emergency services) during a 100-year flood event.

11.25 Critical Facility - A structure or related infrastructure, but not the land on which it is situated, that if flooded may result in significant hazards to public health and safety or interrupt essential services and operations for the community at any time before, during or after a flood.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 4, SERIES OF 2013  
(Acceptance of West Toll Gate Creek Planning Study)

WHEREAS, the Board cooperated with the City of Aurora and the Southeast Metro Stormwater Authority in the preparation of a major drainageway planning study for West Toll Gate Creek and Unnamed Creek (Resolution No. 20, Series of 2010); and

WHEREAS, the Executive Director executed an agreement for engineering services with the consulting firm of Michael Baker Jr., Inc. to conduct studies and prepare a major drainageway planning report for West Toll Gate Creek and Unnamed Creek; and

WHEREAS, the District reviewed the alternatives presented by Michael Baker Jr., Inc. and concurred with the need to complete the study based on an alternative selected in cooperation with the City of Aurora and the Southeast Metro Stormwater Authority; and

WHEREAS, Michael Baker Jr., Inc. has completed the study and submitted to the District the “West Toll Gate Creek and Unnamed Creek Major Drainageway Plan” report dated December 2012.

NOW, THEREFORE, BE IT RESOLVED THAT:

The Board of Directors of the Urban Drainage and Flood Control District hereby accepts the report titled “West Toll Gate Creek and Unnamed Creek Major Drainageway Plan” dated December 2012, and recommends that all the drainageway and flood control facilities and practices recommended by the report be used as a guide in future drainage and flood control planning, in land development, and in design of all drainageway facilities within the jurisdiction covered by said plan.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 4, SERIES OF 2013  
(Acceptance of West Toll Gate Creek Planning Study)

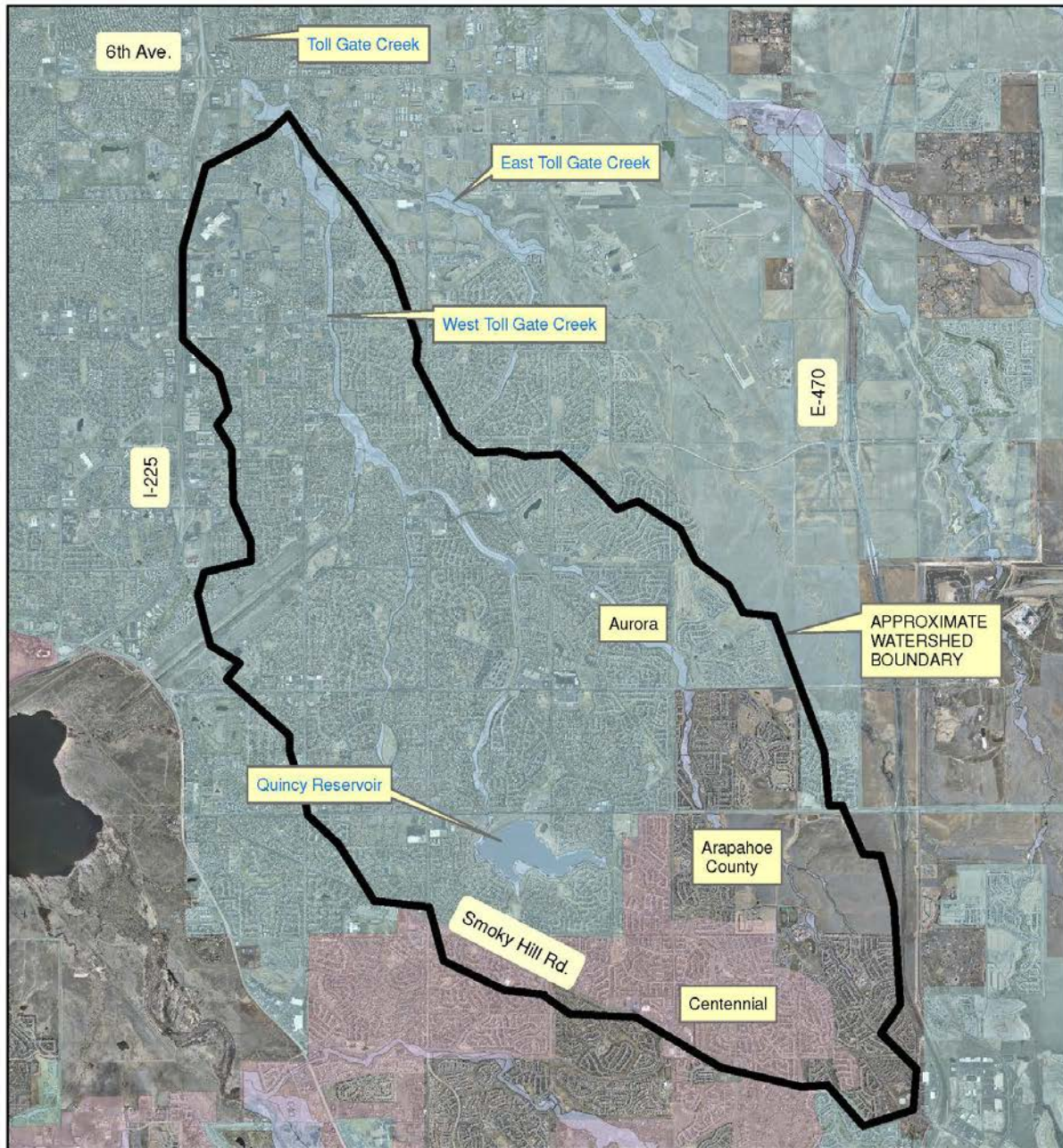
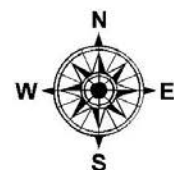


EXHIBIT A  
WEST TOLL GATE CREEK  
Major Drainageway Plan and FHAD  
Approximate Study Limits  
March 2010





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 5, SERIES OF 2013

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

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

WHEREAS, the City of Centennial and Arapahoe County have enacted floodplain regulations; and

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

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

WHEREAS, the Board previously authorized, (Resolution No. 69, Series of 2011) \$400,000 for design, acquisition of right-of-way, and construction of improvements along Piney Creek at Tower project (Exhibit A); and

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

WHEREAS, the District and SEMSWA have estimated the additional project costs to be \$300,000 resulting in a revised total project cost of \$1,300,000 (\$650,000 District, \$650,000 SEMSWA); and

WHEREAS, the District's additional participation being authorized by this resolution is \$250,000; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget, (Resolution No. 51, Series of 2012) for calendar year 2013 subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Piney Creek at Tower; and

WHEREAS, the District has adopted at a public hearing a Five-Year Capital Improvement Plan, (Resolution No. 58, Series of 2012) in which the improvements along Piney Creek at Tower were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 69, Series of 2011, Paragraph 3, is amended as follows:  
"The District's maximum contribution to the Piney Creek at Tower project without prior approval of the Board shall be ~~\$400,000~~ **\$650,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by SEMSWA."
2. All other conditions and authorizations remain as stated in Resolution No. 69, Series of 2011.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

Secretary

Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 5, SERIES OF 2013

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

### EXHIBIT A



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 6, SERIES OF 2013

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
on Cherry Creek at Arapahoe Road in Cities of Aurora and Centennial and Unincorporated Areas, 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, Southeast Metro Stormwater Authority (SEMSWA) and Arapahoe County have enacted floodplain regulations; and

WHEREAS, the City of Centennial and Arapahoe County have assigned and transferred to SEMSWA its rights and obligation for the Cherry Creek at Arapahoe Road project; and

WHEREAS, Cities of Aurora and Centennial, Arapahoe 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; and

WHEREAS, the Board previously authorized, (Resolution No. 55, Series of 2012 and Resolution 40, Series 2012) \$265,000 for design, acquisition of right-of-way, and construction of improvements along Cherry Creek at Arapahoe Road project (Exhibit A); and

WHEREAS, City of Aurora, Cherry Creek Basin Water Quality Authority (CCBWQA), SEMSWA and the District now desire to provide additional funding for design, acquisition of right-of-way, and construction of improvements along Cherry Creek at Arapahoe Road; and

WHEREAS, the District has estimated the additional project costs to be \$1,615,000 resulting in a revised total project cost of \$2,230,000 (\$1,030,000 District, \$650,000 CCBWQA, \$400,000 Aurora, and \$150,000 SEMSWA); and

WHEREAS, the District's additional participation being authorized by this resolution is \$765,000; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget, (Resolution No. 51, Series of 2012) for calendar year 2013 subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Cherry Creek at Arapahoe Road; and

WHEREAS, the District has adopted at a public hearing a Five-Year Capital Improvement Plan, (Resolution No. 58, Series of 2012) in which the improvements along Cherry Creek at Arapahoe Road were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 40, Series of 2012, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the Cherry Creek at Arapahoe Road project without prior approval of the Board shall be ~~\$265,000~~ **\$1,030,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by City of Aurora, SEMSWA, and CCBWQA."
2. All other conditions and authorizations remain as stated in Resolution No. 40, Series of 2012.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 6, SERIES OF 2013

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
on Cherry Creek at Arapahoe Road in Cities of Aurora and Centennial and Unincorporated Areas, Arapahoe  
County)

### EXHIBIT A



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 7, SERIES OF 2013

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
On Sulphur Gulch from Parker Road to Approximately Half a Mile Upstream of Pine Drive,  
Town of Parker, Douglas County)

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

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

WHEREAS, the Town of Parker and the District cooperated in the preparation of "Sulphur and Tallman Gulch Watersheds Outfall Systems Planning Study Preliminary Design Report" dated January, 2011; and

WHEREAS, the Board previously authorized Resolution No. 77, Series of 2010 and Resolution No. 47, Series of 2012 \$605,000 for design, acquisition of right-of-way, and construction of improvements along Sulphur Gulch from Parker Road to approximately half a mile upstream of Pine Drive (Exhibit A); and

WHEREAS, the Town of Parker and the District now desire to construct improvements along Sulphur Gulch from Parker Road to approximately half a mile upstream of Pine Drive; and

WHEREAS, the Town of Parker has estimated the additional project costs to be \$500,000 resulting in a revised total project cost of \$1,710,000 (\$855,000 District and \$855,000 Town of Parker); and

WHEREAS, the District's additional participation being authorized by this resolution is \$250,000; and

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

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget, (Resolution No. 51, Series of 2012) for calendar year 2013 subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Sulphur Gulch from Parker Road to approximately half a mile upstream of Pine Drive; and

WHEREAS, the District has adopted at a public hearing a Five-Year Capital Improvement Plan, (Resolution No. 58, Series of 2012) in which the improvements along Sulphur Gulch from Parker Road to approximately half a mile upstream of Pine Drive were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 77, Series of 2010, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the Sulphur Gulch from Parker Road to approximately half a mile upstream of Pine Drive project without prior approval of the Board shall be ~~\$605,000~~ **\$855,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the Town of Parker."
2. All other conditions and authorizations remain as stated in Resolution No. 77, Series of 2010.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

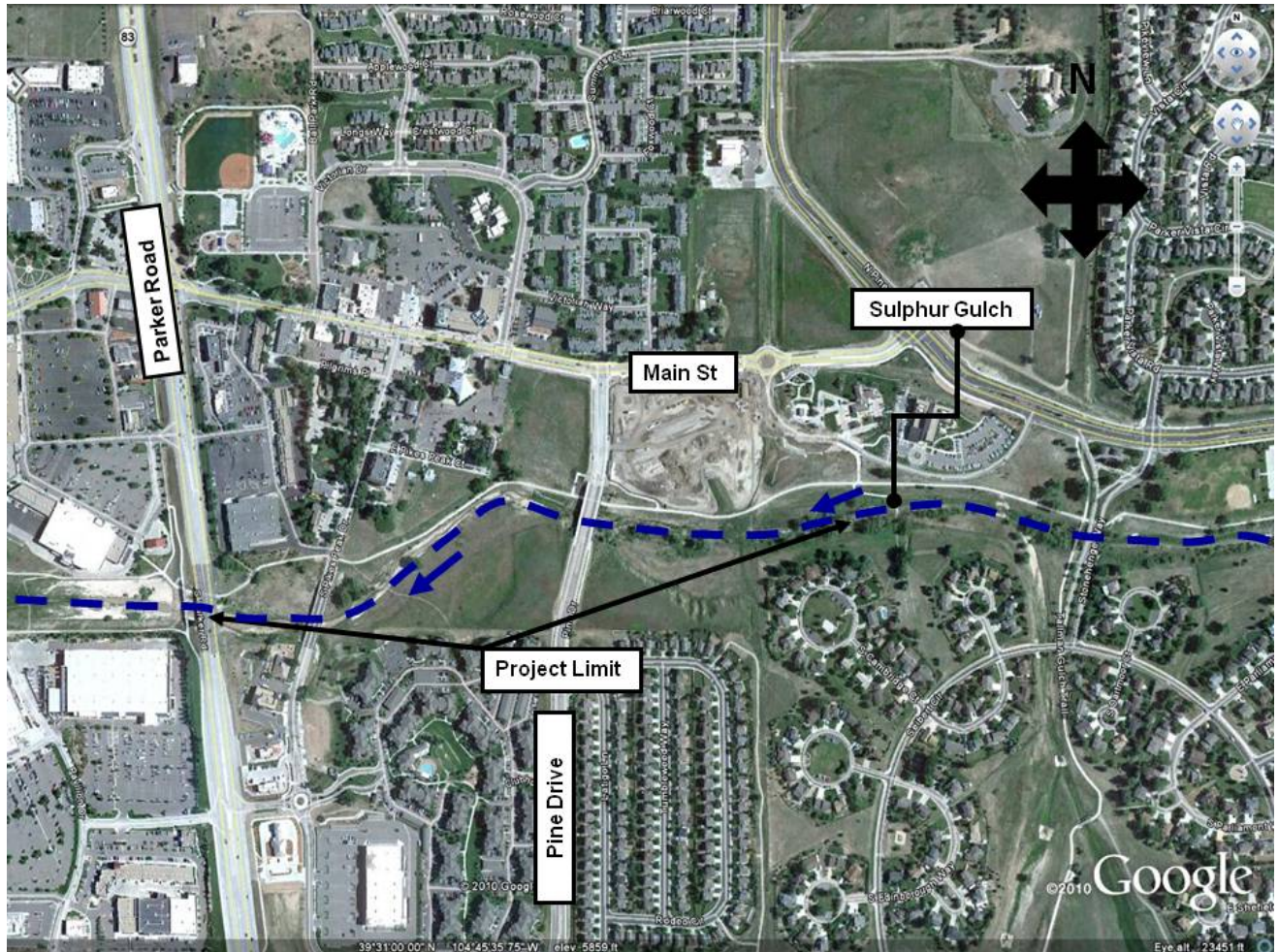


# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 7, SERIES OF 2013

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
On Sulphur Gulch from Parker Road to Approximately Half a Mile Upstream of Pine Drive,  
Town of Parker, Douglas County)

### EXHIBIT A



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 8, SERIES OF 2013

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
On the 40<sup>th</sup> Street Outfall in the City and County of Denver)

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

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

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

WHEREAS, the Board previously authorized, (Resolution No. 39, Series of 2009; Resolution No. 9, Series of 2010; Resolution No. 30, Series of 2011; and Resolution No. 10, Series of 2012) \$9,139,000 for design, acquisition of right-of-way, and construction of improvements along the 40<sup>th</sup> Street Outfall (Exhibit A); and

WHEREAS, the City and County of Denver and the District now desire to construct improvements along the 40<sup>th</sup> Street Outfall; and

WHEREAS, the City and County of Denver has estimated the additional project costs to be \$5,600,000 resulting in a total project cost of \$22,878,000, (\$11,439,000 District, \$11,439,000 City and County of Denver); and

WHEREAS, the District's additional participation being authorized by this resolution is \$2,300,000; and

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

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget, (Resolution No. 51, Series of 2012) for calendar year 2013 subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along the 40<sup>th</sup> Street Outfall; and

WHEREAS, the District has adopted at a public hearing a Five-Year Capital Improvement Plan, (Resolution No. 58, Series of 2012) in which the improvements along the 40<sup>th</sup> Street Outfall were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 39, Series of 2009, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the 40<sup>th</sup> Street Outfall project without prior approval of the Board shall be ~~\$9,139,000~~ **\$11,439,000** 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. 39, Series of 2009.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 8, SERIES OF 2013

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
On the 40<sup>th</sup> Street Outfall in the City and County of Denver)

### EXHIBIT A



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 9, SERIES OF 2013

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

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

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

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

WHEREAS, the Town of Parker and the Cherry Creek Basin Water Quality Authority have requested District participation in the design, acquisition of right-of-way, and construction of improvements along Cherry Creek at Norton Farms in the Town of Parker (Exhibit A); and

WHEREAS, the Town of Parker has estimated the total project costs to be \$140,000; and

WHEREAS, the District's participation being authorized by this resolution is \$70,000; and

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

WHEREAS, the District has adopted a Special Revenue Fund–Construction Budget (Resolution No. 51, Series of 2012) for calendar year 2013 subsequent to public hearing, which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements along Cherry Creek at Norton Farms in the Town of Parker; and

WHEREAS, the District has adopted at a public hearing a Five-Year Capital Improvement Program (Resolution No. 58, Series of 2012) in which the improvements along Cherry Creek at Norton Farms in the Town of Parker were included.

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

1. The Executive Director is authorized to execute the necessary agreements with the Town of Parker and Cherry Creek Basin Water Quality Authority for the design, acquisition of right-of-way, and construction of drainage and flood control improvements along Cherry Creek at Norton Farms in the Town of Parker.
2. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, qualified contractors, and others as necessary for the design, acquisition of right-of-way, and construction of drainage and flood control improvements along Cherry Creek at Norton Farms in the Town of Parker.
3. The District's maximum contribution to the Cherry Creek at Norton Farms in the Town of Parker project, without prior approval of the Board, shall be \$70,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the Town of Parker and the Cherry Creek Basin Water Quality Authority.
4. Such approval for expenditure of District funds is contingent upon the Town of Parker agreeing to regulate and control any defined floodplain in the Cherry Creek at Norton Farms in the Town of Parker project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

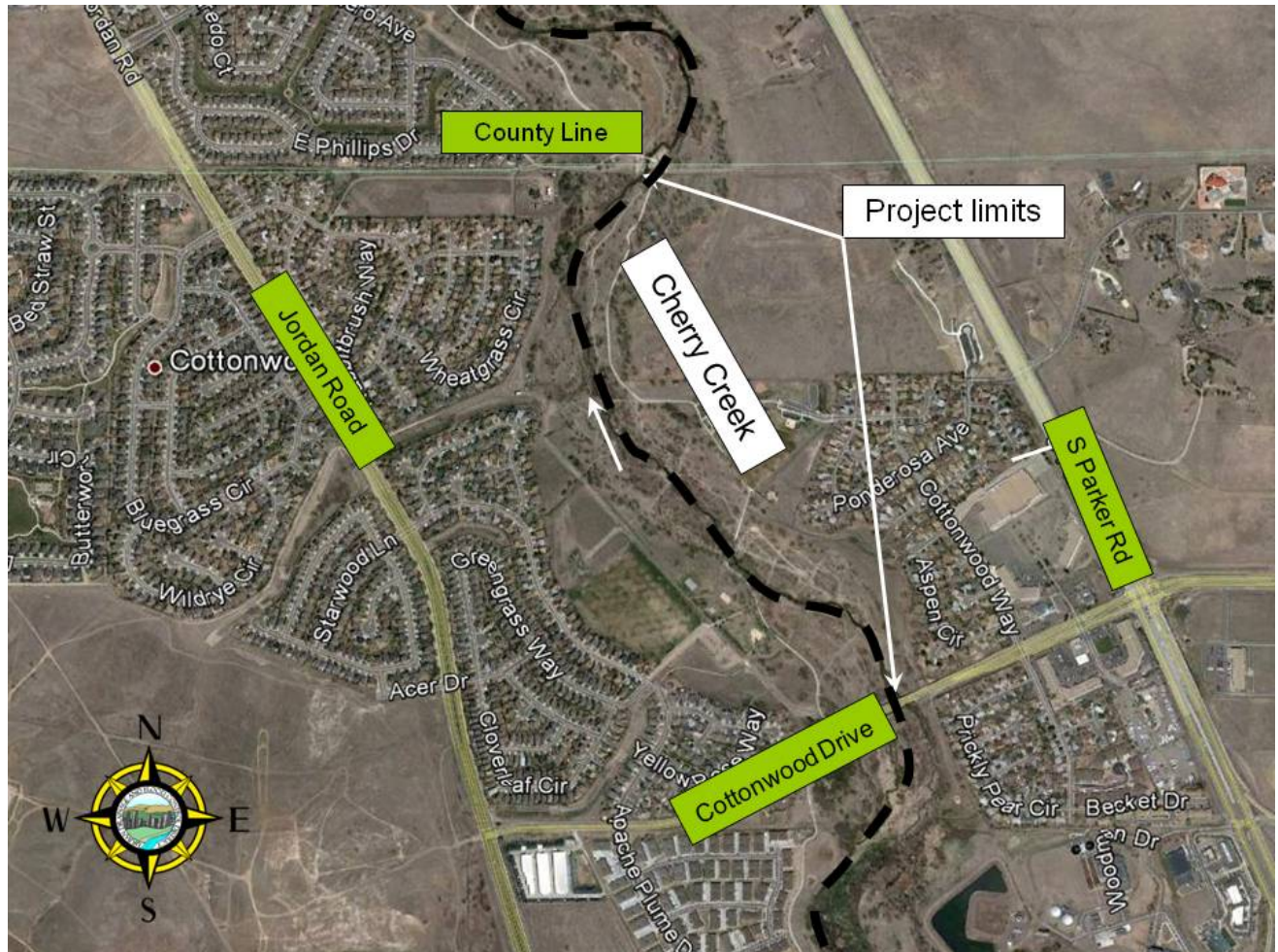


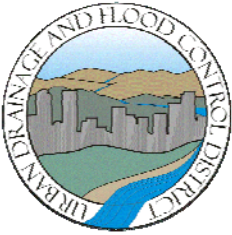
# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 9, SERIES OF 2013

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

### EXHIBIT A





# URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## BOARD OF DIRECTORS MEETING

Date: Thursday, March 21, 2013

Time: 1:00 pm

(Lunch at 12:15 pm/How the District Works at 12:45 pm)

### AGENDA

1. **Call to Order and Pledge of Allegiance – 1:00 pm**
2. **Roll Call – Determination of Quorum**
3. **Introductions**
  - a. Visitors/Guests/Staff
  - b. Awards/Recognitions
    - i. American Public Works Association (APWA)
    - ii. Certificate of Achievement for Excellence in Financial Reporting (CAFR)
4. **Approval of February 01, 2013 Meeting Minutes** *(If there are no corrections "Minutes stand approved", or with corrections "Minutes stand approved as corrected")*
5. **Consent Agenda** *(Consent items are considered routine and will be approved by one motion unless a request is made by a Board Member for removal for further discussion or explanation.)*
  - a. Review of Cash Disbursements
  - b. Flood Awareness  
(Resolution No. 10, Series of 2013)
  - c. Authorization of Expenditures for Electronic Data Management  
(Resolution No. 11, Series of 2013)
  - d. Additional Authorization to Participate in Drainage and Flood Control Improvements on Goldsmith Gulch at Peakview Avenue, Unincorporated Arapahoe County  
(Resolution No. 12, Series of 2013)
  - e. Additional Authorization to Participate in Drainage and Flood Control Improvements on Reach BP20, Town of Erie, Boulder County  
(Resolutions No. 13, Series 2013)
  - f. Additional Authorization to Participate in Drainage and Flood Control Improvements on Wonderland Creek from Iris Avenue to Foothills Parkway, City of Boulder, Boulder County  
(Resolution No. 14, Series of 2013)
  - g. Additional Authorization to Participate in Drainage and Flood Control Improvements on Fourmile Canyon Creek at 19<sup>th</sup> Street, City of Boulder, Boulder County  
(Resolution No. 15, Series of 2013)
  - h. Additional Authorization to Participate in Drainage and Flood Control Improvements on Nissen Reservoir Drainageway (Basin 3207) at Lowell Boulevard, City and County of Broomfield  
(Resolution No. 16, Series of 2013)
  - i. Additional Authorization to Participate in Drainage and Flood Control Improvements along West Fork Kenneys Run from 23<sup>rd</sup> Street to 24<sup>th</sup> Street, City of Golden, Jefferson County  
(Resolution No. 17, Series of 2013)
  - j. Additional Authorization to Participate in Drainage and Flood Control Improvements on Drainageway A-2, City of Louisville, Boulder County  
(Resolution No. 18, Series of 2013)

- k. Authorization to Participate in Drainage and Flood Control Improvements on Coal Creek at 120<sup>th</sup> Street, City of Lafayette, Boulder County  
(Resolution No. 19, Series of 2013)
  - l. Authorization to Participate in Drainage and Flood Control Improvements on Lena Gulch at South Golden Road, Jefferson County  
(Resolution No. 20, Series 2013)
  - m. Authorization to Participate in Drainage and Flood Control Improvements on Westerly Creek from 17<sup>th</sup> Avenue to Montview Boulevard, City of Aurora, Adams County  
(Resolution No. 21, Series 2013)
  - n. Acceptance of 2012 Audit Report  
(Resolution No. 22, Series 2013)
- 6. Vote on Approval of the Consent Agenda** *(Motion and roll call vote required.)*
- 7. Reports/Discussion**
- a. Executive Director's Report
- 8. Other Business**
- 9. Announcements**
- a. Next Regularly Scheduled Meeting: **Thursday, April 18, 2013**
- 10. Adjournment**





## URBAN DRAINAGE AND FLOOD CONTROL DISTRICT BOARD OF DIRECTORS

February 1, 2013

### MINUTES

#### **Members Present:**

Marsha Berzins, Mayor Pro Tem, City of Aurora  
Joyce Downing, Mayor, City of Northglenn  
Faye Griffin, Commissioner, Jefferson County  
Mark Hunter, Engineer  
Cary Kennedy, Deputy Mayor, City/County of Denver  
Peggy Lehmann, Council Member, City/County of Denver  
Nancy McNally, Mayor, City of Westminster  
Bonnie McNulty, Mayor, City of Edgewater  
Lisa Morzel, Deputy Mayor, City of Boulder  
Bob Muckle, Mayor, City of Louisville  
Stephanie Piko, Mayor Pro Tem, City of Centennial  
Dave Sellards, Engineer  
Nancy Sharpe, Commissioner, Arapahoe County  
Greg Stokes, Mayor Pro Tem, City/County of Broomfield  
Mary Beth Susman, Council Member, City/County of Denver  
Charles (Chaz) Tedesco, Commissioner, Adams County  
Heidi Williams, Mayor, City of Thornton  
Rachel Zenzinger, Mayor Pro Tem, City of Arvada

#### **Members Absent:**

Debbie Brinkman, Mayor, City of Littleton  
Deb Gardner, Commissioner, Boulder County  
Paul Lopez, Council Member, City/County of Denver  
Bob Murphy, Mayor, City of Littleton  
Jill Repella, Commissioner, Douglas County

#### **UDFCD Staff Present:**

Paul Hindman	Executive Director
Ed Krisor	Legal Counsel
Krystle Alirez	Electronic Document Management Administrator
Julia Bailey	Project Engineer, Information Systems & Flood Warning
Dave Bennetts	Manager, Design, Construction, and Maintenance
Richard Borchardt	Senior Project Engineer, Design, Construction, and Maintenance
Barbara Chongtous	Senior Project Engineer, Design, Construction, and Maintenance
Bill DeGroot	Manager, Floodplain Management
Amelia Deleon	Administrative Services Manager
Frank Dobbins	Director of Finance and Accounting
Terri Fead	Project Engineer, Floodplain Management
David Mallory	Senior Project Engineer, Floodplain Management
Ken McKenzie	Manager, Master Planning
Kevin Stewart	Manager, Project Engineer, Information Systems & Flood Warning

#### **Others Present:**

Jeff Shoemaker	Greenway Foundation
Kip Stastny	Greenway Foundation
Jonathan Jones	Wright Water Engineers
Scott Tucker	Retired Engineer
Ben Urbonas	Retired Engineer
Dr. James Guo	University of Colorado
Noelle DeLage	University of Colorado
Justin Petrone	CliftonLarsonAllen, LLP
Mark Elmshauser	CliftonLarsonAllen, LLP

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

Mr. Dave Sellards called the meeting to order at 1:00 p.m.

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

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

- Commissioner Nancy Sharpe, representing Arapahoe County
- Commissioner Charles (Chaz) Tedesco, representing Adams County
- Mayor Pro Tem Stephanie Piko, representing City of Centennial

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

Roll was called and a quorum was declared present.

**4. Nominating Committee Recommendation**

**a. Election of Executive Committee**

Mayor McNulty stated that the Nominating Committee, which included, Mayor Morzel, Mayor Bonnie McNulty, and Mayor Debbie Brinkman, recommend the following slate of candidates for 2013 officers:

Chairperson:	Nancy McNally
Chairperson Pro Tem:	Paul Lopez
Treasurer:	Heidi Williams
Secretary:	Joyce Downing
Member-at-large:	Dave Sellards

The board voted and motioned to approve the recommended Executive Committee members. As the newly appointed Chairperson, Mayor McNally chaired the remainder of the Board Meeting.

**5. Presentation of 2012 Audit – Discussion**

**a. Mark Elmshauser, CPA, CliftonLarsonAllen, LLP**

A draft of the UDFCD 2012 Audit Report was provided to the Board of Directors. Mr. Hindman introduced Mr. Elmshauser and Mr. Petrone with CliftonLarsonAllen, LLP, who provided a briefing on the audit report to the Board. Mark stated that a final audit report can be expected in March.

**6. Board of Directs Professional Engineer Appointment**

**a. Nominating Committee Recommendation (Mayor McNulty)**

Mayor McNulty stated that the Nominating Committee recommends the appointment of Mark Hunter to the Board of Directors, Resolution No. 1, Series of 2013. This resolution would appoint Mr. Hunter to a two-year term through January 31, 2015. A motion was made to approve Resolution No. 1. A voice vote was taken and it passed unanimously. Mr. Krisor then swore in Mr. Hunter as a new board member.

**7. Introductions**

**a. Visitors/Guests/Staff**

Mr. Hindman introduced the District's newest employee, Krystle Alirez, Electronic Document Management Administrator, as well as the visitors present for the Joe Shoemaker Endowment:

- |                   |                                   |
|-------------------|-----------------------------------|
| 1. Jeff Shoemaker | Greenway Foundation               |
| 2. Kip Stastny    | Greenway Foundation               |
| 3. Jonathan Jones | Wright Water Engineers            |
| 4. Scott Tucker   | Retired Engineer                  |
| 5. Noelle DeLage  | University of Colorado Foundation |
| 6. Dr. James Guo  | University of Colorado            |
| 7. Ben Urbonas    | Retired Engineer                  |

**b. Awards/Recognitions**

In recognition of Mr. Joe Shoemakers many years of service to the District and the South Platte River; the District along with Wright Water Engineers and the Greenway Foundation have established the *Joe Shoemaker Endowed Research Fund* with the University of Colorado Foundation, that will benefit the Hydrology and Hydraulics Graduate Program in the Civil

Engineering Department at the University of Colorado. Members of the Greenway Foundation, Wright Water Engineers, the University of Colorado and close friends of Mr. Joe Shoemaker were present to honor Mr. Joe Shoemaker and present the endowment to the University of Colorado.

**8. Board approval of December 20, 2012 Meeting Minutes**

Mayor McNally moved to approve the December 20, 2012 minutes. The minutes were approved as submitted.

**9. Public Hearing**

Amendment to the District's Floodplain Regulation

Mayor McNally opened the Public Hearing portion of the meeting.

The Colorado Water Conservation Board (CWCB) has adopted several new regulations that are required to be followed by all local governments by January 2014. The District Floodplain regulation has been updated to keep consistent with the CWCB regulations. Updates include:

- Providing clarification and regulations on critical facilities
- Increasing regulation violation fines from \$50/day to \$500/day

Mayor McNally asked if there were any questions or comments from the public or the Board. There being none, the public hearing was closed at 1:55pm.

Resolution No. 3 accepts the amendment to the District Floodplain Regulation. There being no further comments or questions, it was the consensus of the Board to place Resolution No. 3, on the Consent Agenda.

**10. Consent Agenda**

**a. Review of Cash Disbursements**

Cash Disbursement list dated December 2012 and January 2013 had been distributed to the Board for review. There being no further comments or questions, it was the consensus of the Board to include approval of the Cash Disbursements on the Consent Agenda.

**b. Designation of Public Place for Posting of Meeting Notices (Resolution No. 2, Series of 2013)**

It is required by the Colorado Open Meetings Law that the District annually designate the location for the posting of meeting notices. The District designates the window area adjacent to the main entrance of the District Office as the public place for posting of meeting notices. The District is located at 2480 W. 26<sup>th</sup> Avenue, Suite 156-B, Denver, Colorado 80211.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 2, on the Consent Agenda.

**c. Amendment to the District's Floodplain Regulation (Resolution No. 3, Series of 2013)**

Resolution No. 3, Amendment to the District's Floodplain Regulation, was discussed during the public hearing portion of the meeting. There being no further comments or questions, it was the consensus of the Board to place Resolution No. 3, on the Consent Agenda.

**d. Acceptance of West Toll Gate Creek Planning Study (Resolution No. 4, Series of 2013)**

Resolution 20 of 2010 authorized a major drainageway planning study for West Toll Gate Creek, for which the District partnered with the City of Aurora and the Southeast Metro Stormwater Authority. Improvements recommended in the study include:

- 28 drop structures and 13 check structures to stabilize the channel invert
- Crossing structure improvements (replace two culverts with bridges; add cell to one culvert)
- Restoration of a natural channel from a trapezoidal concrete channel

- Upgrade 6 existing detention ponds to incorporate Full Spectrum Detention to limit minor storm flows downstream
- Bank stabilization in two reaches
- Low flow channel improvements in one reach

Resolution No. 4 accepts the report and recommends the improvements and practices in the report be used as a guide in future public works projects and in land development activities.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 4, on the Consent Agenda.

**e. Additional Authorization to Participate in Drainage and Flood Control Improvements on Piney Creek at Tower Road, City of Centennial and Unincorporated Arapahoe County (Resolution No. 5, Series of 2013)**

This is a joint project with the Southeast Metro Stormwater Authority (SEMSWA). CH2M Hill is designing the project under contract with the District. The drainage elements of the project include installation of drop structures and bank protection. The sediment removal portion of the project was completed in 2012. Easement and right-of-way acquisition is included in the project costs. The final design is underway and the District and SEMSWA desire to construct the improvements which will be managed by the District.

The District and SEMSWA have identified \$1,300,000 in total project costs with the District's participation being \$650,000. The previous authorizations, Resolution No. 69, Series of 2011 totaled \$400,000 to fund design and to partially fund acquisition of right-of-way and construction.

Resolution No. 5 authorizes an additional \$250,000 of District funds from the Special Revenue Fund - Construction to at least be matched by SEMSWA for the design, acquisition of right-of-way, and construction of the drainage elements of the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 5, on the Consent Agenda.

**f. Additional Authorization to Participate in Drainage and Flood Control Improvements on Cherry Creek at Arapahoe Road, Cities of Aurora, Centennial and Unincorporated Areas, Arapahoe County (Resolution No. 6, Series of 2013)**

This is a joint project with the City of Aurora, Cherry Creek Basin Water Quality Authority (CCBWQA), and SEMSWA.

The District, City of Aurora, SEMSWA, and CCBWQA are gathering funds for design, land acquisition, and construction of this \$13-15 million in drainage project. The project includes improvements to stabilize and improve capacity of the Cherry Creek channel from the Confluence of Piney Creek to the north end of Eco Park.

The District will be administering the design once a consulting engineering firm is selected. The drainage elements of the project include installation of drop structures and bank protection. Easement and right-of-way acquisition are included in the project costs.

The District has identified \$2,230,000 in project costs with the District's participation being \$1,030,000. The previous authorizations, Resolution No. 55, Series of 2012, Resolution No. 40, Series of 2012, totaled \$265,000 to fund design and to partially fund acquisition of right-of-way and construction.

Resolution No. 6 authorizes an additional \$765,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Aurora, CCBWQA, and SEMSWA for the design, acquisition of right-of-way, and construction of the drainage elements of the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 6, on the Consent Agenda.

**g. Additional Authorization to Participate in Drainage and Flood Control Improvements on Sulphur Gulch from Parker Road to Approximately Half a Mile Upstream of Pine Drive, Town of Parker, Douglas County (Resolution No. 7, Series of 2013)**

This is a joint project with the Town of Parker. Muller Engineering designed the project under contract with the District. The drainage elements of the project include installation of drop structures and bank protection.

The Town of Parker already holds the necessary easements and right-of-way where the project will be carried out. The final design is now complete and the District and the Town of Parker desire to construct the improvements which will be managed by Muller Engineering.

The District and the Town of Parker have identified \$1,650,000 in total project costs with the District's participation being \$855,000. The previous authorizations, Resolution No. 77, Series of 2010 and Resolution No. 47 Series of 2012, totaled \$605,000 to fund design and to partially fund acquisition of right-of-way and construction.

Resolution No. 7 authorizes an additional \$250,000 of District funds from the Special Revenue Fund - Construction to at least be matched by Town of Parker for the design, acquisition of right-of-way, and construction of the drainage elements of the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 7, on the Consent Agenda.

**h. Additional Authorization to Participate in Drainage and Flood Control Improvements on the 40<sup>th</sup> Street Outfall, City and County of Denver (Resolution No. 8, Series of 2013)**

This is a joint project with the City and County of Denver. WHPacific, Inc. designed the project under contract with the District. The drainage elements of the project include installation of storm pipes, water quality forebay, and drop structures.

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

The District and the City and County of Denver have identified \$5,600,000 in total additional project costs with the District's participation being \$2,300,000. The previous authorizations, Resolution No. 39, Series of 2009, Resolution No. 9, Series of 2012, Resolution No. 30, Series of 2011, and Resolution No. 10, Series of 2012, totaled \$9,139,000 to fund design and to partially fund acquisition of right-of-way and construction.

Resolution No. 8 authorizes an additional \$2,300,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City and County of Denver for the design, acquisition of right-of-way, and construction of the drainage elements of the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 8, on the Consent Agenda.

**i. Authorization to Participate in Drainage and Flood Control Improvements along Cherry Creek at Norton Farms, Town of Parker, Douglas County (Resolution No. 9, Series of 2013)**

This is a joint project with the Town of Parker and CCBWQA. The Town of Parker and CCBWQA desire to design, acquire right-of-way, and construct improvements along Cherry Creek at Norton Farms in accordance with the *Cherry Creek Reservoir to Scott*

*Road Major Drainageway Planning Preliminary Report*, dated January 2004. The project includes improvements to Cherry Creek at Norton Farms.

The District will be administering the design once a consulting engineering firm is selected. The District and the Town of Parker have identified \$140,000 in initial project costs for the design, with the District's participation being \$70,000 in 2013 funds.

Resolution No. 9 authorizes \$70,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the Town of Parker and CCBWQA for the design, acquisition of right-of-way, and construction of the drainage elements of the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 9, on the Consent Agenda.

**11. Vote on Approval of the Consent Agenda**

It was the consensus of the Board that Resolutions No. 1, 2, 3, 4, 5, 6, 7, 8, and 9, Series of 2013, and Cash Disbursements dated December 2012 and January 2013 be placed on the Consent Agenda. Mayor Downing moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

**12. Reports/Discussion**

**a. Executive Director's Report**

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

Colorado Coalition for Clean Water (CCCW)

The District was approached by Ed Tauer representing the CCCW, requesting that the District become involved with the coalition. Mr. Hindman emphasized that the role of the District is to provide information to local governments concerning water quality, not to take action to regulate the quality of water.

The Board concluded that while some of the local governments have signed on with the CCCW, they agreed that the District is not the appropriate forum for this cause.

Prompt Pay Bill

The Prompt Pay Bill has been reintroduced this year to the State Legislature; however, consideration of the Bill has been postponed until February. In summary, this bill would take the control for construction contracts away from the local governments and put it into the hands of the contractor. *(Following the Board Meeting it was discovered that this bill has been postponed indefinitely and, therefore, is no longer a concern.)*

**13. Other Business**

Annual Legal Summary

A copy of Mr. Ed Krisor's Auditor's Opinion Letter (attached) was provided to the Board at the meeting. Mr. Krisor provided a summary of the letter, highlighting three pending lawsuits against the District.

Board Meeting Handouts

For the benefit of the new board members as well as a reminder to existing board members, Mr. Hindman reminded everyone that handouts for the Board Meetings will be sent out electronically unless hard copies are requested. The Board agreed that this delivery process was adequate.

**14. Announcements**

Mr. Hindman reminded everyone that the next board meeting is scheduled for Thursday, March 21, 2013.

**15. Adjournment**

Mayor McNally adjourned the meeting at 3:15 pm.

**Edward J. Krisor**  
**Attorney At Law**  
**3900 South Wadsworth Boulevard, Suite 320**  
**Littleton, Colorado 80235-2220**  
**303.985.2335 Fax: 303.985.2337**  
**ekrisor@msn.com**

January 29, 2013

CliftonLarsonAllen LLP  
8390 E. Crescent Parkway, Suite 600  
Greenwood Village, CO 80111-9477

Re: The Urban Drainage and Flood Control District

Gentlemen:

In response to the request of the Executive Director of the Urban Drainage and Flood Control District in connection with your audit of the District's financial statements as of December 31, 2012, and for the year then ended, the following should be noted:

1. There are three pending lawsuits against the District. They are:

a. *Northglenn Urban Renewal Authority vs. Gil Reyes In His Official Capacity As Adams County Assessor, et.al.* The District is named as a Defendant in that case. The Plaintiff alleges that, as a result of an error by the Adams County Assessor, the District received tax revenues in the amount of \$2,300 per year that should have, instead, been paid to the Plaintiff. The error that is alleged is in the calculation of the impact of removing properties from an already approved urban renewal plan and the resulting reduction in incremental tax revenue. Based upon the allegations in the complaint, the maximum financial exposure of the District is \$18,400.

The Plaintiff and the District entered into a Stipulation that has been approved by the Court that does not require the District's further participation in the case but does require the District to honor any non-appealed final order and judgment in the case. On December 5, 2011, the trial court dismissed the case and thus the District. However, the Plaintiff has appealed the Court's dismissal of the case and oral arguments are scheduled for January 23, 2013.

b. *Metro Wastewater Reclamation District vs. Gwenne L. Rogers; et.al.* Metro Wastewater Reclamation District ("Metro") has filed an eminent domain proceeding against the

owner of the real property ("The Property") in question along with all others who have an interest in The Property. Metro is attempting to acquire a *Non-Exclusive Easement and Lease For Construction Purposes* in regard to The Property for the purposes of *sewage disposal system pipelines and related facilities and improvements to be installed in connection with a new public wastewater treatment plant and related facilities and improvements, including river stabilization improvements*. The Urban Drainage and Flood Control District is named in the lawsuit because it has an easement over some or all of The Property. UDFCD received the lawsuit papers on January 16, 2013 so the undersigned is unable to express an opinion as to the possible outcome of the lawsuit, at this time. However, Metro and UDFCD are communicating in regard to the scope and the nature of Metro's project to determine if Metro's project is compatible with the improvements that UDFD has constructed on The Property. Those improvements being stabilizing the bank of the South Platte River and preserving an approximately 50 feet set back from the bank.

The possible outcomes of this lawsuit are that UDFCD would be compensated for the possible diminution in the value of UDFCD's present easement or Metro and UDFCD will reach an agreement that will preserve UDFCD's easement and the purposes for which the easement was obtained by UDFCD.

c. *United Water & Sanitation District vs. Henderson Aggregate, Ltd.; et.al.* United Water & Sanitation District ("United") has filed an eminent domain proceeding against the owner of the real property ("The Property") in question along with all others who have an interest in The Property. United is attempting to acquire an *Easement* in regard to The Property for the purposes of *constructing, maintaining, and operating water pipelines and related facilities, and for access, maintenance and utility purposes*. The Urban Drainage and Flood Control District is named in the lawsuit because it has easements over some of The Property. UDFCD received the lawsuit papers on January 15, 2013 so the undersigned is unable to express an opinion as to the possible outcome of the lawsuit, at this time. However, United and UDFCD are communicating in regard to the scope and the nature of United's project to determine if United's project is compatible with the improvements that UDFD has constructed on The Property. Those improvements being stabilizing the bank of the South Platte River and preserving an approximately 50 feet set back from the bank.

The possible outcomes of this lawsuit are that UDFCD would be compensated for the possible diminution in the value of UDFCD's present easements or United and UDFCD will reach an agreement that will preserve UDFCD's easements and the purposes for which the easements was obtained by UDFCD.



Otherwise there is no threatened litigation, asserted claims or assessments with respect to which I have been engaged and to which I have devoted substantive attention on behalf of the District in the form of legal consultation or representation.

However, the District has received two Governmental Immunity Notices that are described as follows:

d. On August 27, 2007, I received a Notice Of Claim from the attorney for Talk To The Hand, LLC (hereinafter "TTTH") alleging that the District was negligent in its conduct and analysis of a study of Lena Gulch that is located in Jefferson County. In addition, it claimed that the District failed to follow applicable laws and regulations causing the District to neglect to cause a modification of the Flood Insurance Rate Map for Lena Gulch. Finally, it is alleged that the District, through construction work relating to Lena Gulch; caused the floodplain on the property of TTTH to increase. These failures, it is alleged, caused a taking of TTTH's property by way of an inverse condemnation. The damages were estimated at \$1,000,000.

Subsequent to the Notice of Claim, I have discussed the matter numerous times with the attorneys for TTTH and provided them pertinent documents in regard to the matter. Based upon those conversations and the documents provided, I am of the opinion that TTTH will not pursue any of its alleged claims against the District. Thus, in my opinion, it is highly unlikely that there would be an unfavorable outcome in regard to this Notice Of Claim. To date, the alleged claim has not been pursued.

e. On January 4, 2012, the District received a Notice Of Claim from the attorney for Magnum Colorado One, LLC (hereinafter "Magnum") alleging that on January 8, 2011 Magnum's property was damaged when a poorly maintained ditch overflowed flooding Magnum's property and causing damages of \$139,988.54. The claim was made against the District "in the event the ditch property is operated by Urban Drainage." The District does not own, operate or maintain any ditches within or without its boundaries. Therefore, the District, in my opinion, has no possible liability in regard to this claim. I have contacted the attorney for Magnum and, based upon that contact, it is my opinion that Magnum will not further pursue any claim against the District.

2. I am not aware of any unasserted claims or assessments considered to be probable of assertion, and that if asserted, would have at least a reasonable possibility of an unfavorable outcome with respect to which I have devoted substantive attention on behalf of the District in the form of legal consultation or representation.

CliftonLarsonAllen LLP

January 29, 2013

Page Four

3. The representation of the District is correct that there are no unasserted possible claims or assessments that I have advised are probable of assertion and must be disclosed in accordance with Statement of Financial Accounting Standards No. 5 in the District's financial statements as of December 31, 2012, and for the year then ended.

4. The District is also correct in its understanding that whenever, in the course of performing legal services to the District with respect to a matter recognized to involve an unasserted possible claim or assessment that may call for financial statement disclosure, if I have formed a professional conclusion that the District should disclose or consider disclosure concerning such possible claim or assessment, as a matter of professional responsibility to the District, I will so advise the District and will consult with the District concerning the question of such disclosure and the applicable requirements of Statement of Financial Accounting Standards No. 5.

5. As of December 31, 2012, the District was not indebted to me for any services or expenses.

Very truly yours,

A handwritten signature in black ink, appearing to read "Edward J. Krisor", written in a cursive style.

Edward J. Krisor

cc: Mr. Paul H. Hindman  
Urban Drainage and Flood Control District

**Executive Director's Report**  
**Submitted by: Paul A. Hindman**  
February 1, 2013

### **Administrative**

In 2013 we started a couple of programs that mainly affect the staff. The first is a workout program that takes place every Tuesday during the lunch hour. The workout includes a 20-minute high-intensity workout session with exercises ranging from sit-ups and pushups to lunges and step-ups. Dave Skuodas, Derrick Schauer, and I take turns leading the group with the goal of a quick but effective workout, using good form so no injuries occur. A few of the staff have joined and it's been a fun and beneficial process so far.

"One person's trash is another person's treasure." The second program instigated in 2013 is a Re-Use bulletin board in the break room. The intent is to give staff an opportunity to recycle items they no longer use/need in hopes to find it a new home. Kind of like an Urban Drainage Craig's List. Items may be sold but many would be donated because someone is cleaning out their basement. The goal of this program is to benefit staff while reducing our carbon footprint.

### **Program**

Kicking off the New Year, the District has been busy encumbering IGA's, design contracts, and construction contracts to get done what we are charged to do. With FasTracks heading north, there are several projects we are involved with that assist local governments in leveraging their funds for both drainage and transportation. Throughout the year I will be bringing resolution authorizations, similar to Resolution 8 of this month, to the Board that include a FasTrack element.

### **Finance**

The Auditors, Clifton Larson Allen, LLP, have finished the 2012 audit. This was their first audit for the District under their current contract. They have been extremely thorough which I truly appreciate. Over the years, reporting requirements have increased which makes having a firm like Clifton Larson Allen, LLP extremely beneficial to the District because they have the resources and experience necessary to keep up on all of those detailed requirements.

### **State and Federal Government Advocacy**

Three items have come to my attention and I have discussed the first two with our Legislative Committee. The last item is just informational.

1. Ed Tauer, who is the spokes for the Colorado Coalition for Clean Water (CCCW), has contacted me and requested that the District sign on with the coalition. My understanding is that the CCCW's purpose is to have the local governments pass resolutions stating that the EPA, prior to expanding Federal Stormwater rules, consider local government comments, provide flexibility, and conduct a study to perform a cost-benefit analysis. The District's role is to provide information to local governments concerning water quality, not taken action to regulate the quality of water.
2. Another "Prompt Pay" bill has been introduced in the State Legislature. In summary, several items in HB 13-1090 take the control for construction contracts away from the local governments and put it into the hands of the contractor. In particular, the bill would require partial release of the retainage before the entire project is complete. I will be giving testimony to the Legislative committees stressing the importance and benefits of keeping the control with the local governments.
3. In the DeKalb County, Georgia stormwater fee case the Federal Court ruled 1.) That DeKalb's stormwater charge is a tax, not a fee; and 2.) that the 2011 Cardin amendment to the Clean Water Act (CWA) on federal payment of stormwater fees does not have retroactive effect, and thus does not apply to fees charges prior to its enactment. So now there are two Federal Court rulings out there that say two different things. I'll keep you informed if I hear anything else.

### **Personal**

I took my annual "guys" hut trip last week. We went to a cabin close to Telluride, just west of Lizard Head Pass. The snow wasn't great but the weather was outstanding. One day, it was so warm we wore shorts on the back deck. Pretty crazy for mid-January at 11,000 feet. There was plenty of male bonding as we lied to on another about all our great accomplishments when we were younger. The fish stories just keep getting bigger and more extravagant.



If you have any question or comments let me know. I can be reached at 303-455-6277 or on my cell phone at 303-919-2932.

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 10, SERIES OF 2013 (Flood Awareness)

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

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

NOW, THEREFORE, BE IT RESOLVED THAT:

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

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary  
Flood awareness 0313

\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 11, SERIES OF 2013  
(Authorization of Expenditures for Electronic Data Management)

WHEREAS, the District previously developed an information technology infrastructure and web map application to support the management and public availability of District electronic data and information (Resolution No. 44, Series of 2009); and

WHEREAS, the District purchased records management software package to administer and retain electronic documents in compliance with the District's records retention policy (Resolution No. 45, Series of 2012); and

WHEREAS, the District desires to further develop, enhance, and maintain capabilities to manage and disseminate electronic data and information; and

WHEREAS, the District previously established a Work Program for 2013 (Resolution No. 57, Series of 2012) which includes the provision to continue development of District GIS capability; and

WHEREAS, the District has adopted a budget for calendar year 2013 subsequent to public hearing, (Resolution No. 51, Series of 2012) which includes funds for electronic data management.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, consultant(s), and others as necessary for maintenance and development of additional electronic data management functionality.
2. The cost of these services shall not exceed \$100,000 for calendar year 2013.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

Dated: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 12, SERIES OF 2013

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
on Goldsmith Gulch at Peakview Avenue, Unincorporated Arapahoe County)

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

WHEREAS, Arapahoe County has enacted floodplain regulations; and

WHEREAS, Arapahoe County has assigned and transferred to the Southeast Metro Stormwater Authority (SEMSWA) its rights and obligation for the Goldsmith Gulch at Peakview Avenue project; and

WHEREAS, the City and County of Denver, City of Greenwood Village, Arapahoe County, and the District cooperated in the preparation of "Goldsmith Gulch Major Drainageway Planning", dated November 1977; and

WHEREAS, the Board previously authorized (Resolution No. 56, Series of 2012 and Resolution No. 29, Series of 2009) \$165,000 for design, acquisition of right-of-way, and construction of improvements along Goldsmith Gulch at Peakview Avenue (Exhibit A); and

WHEREAS, SEMSWA and the District now desire to construct improvements along Goldsmith Gulch at Peakview Avenue; and

WHEREAS, SEMSWA has estimated the additional project costs to be \$455,000 resulting in a revised total project cost of \$1,110,980 (\$455,000 District; \$655,980 SEMSWA); and

WHEREAS, the District's additional participation being authorized by this resolution is \$290,000; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget (Resolution No. 51, Series of 2012) for calendar year 2013 subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Goldsmith Gulch at Peakview Avenue; and

WHEREAS, the District has adopted at a public hearing a Five-Year Capital Improvement Plan, (Resolution No. 58, Series of 2012) in which the improvements along Goldsmith Gulch at Peakview Avenue were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 29, Series of 2009, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the Goldsmith Gulch at Peakview Avenue project without prior approval of the Board shall be ~~\$165,000~~ **\$455,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by SEMSWA."
2. All other conditions and authorizations remain as stated in Resolution No. 29, Series of 2009.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson







# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 13, SERIES OF 2013

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
on Reach BP20, Town of Erie, Boulder County)

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

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

WHEREAS, the Town of Erie and the District cooperated in the preparation of the joint planning study titled "Outfall System Planning Preliminary Design, Erie and Adjacent Boulder and Weld County Areas" by Love and Associates, Inc., dated May 2001; and

WHEREAS, the Board previously authorized, (Resolution No. 30, Series of 2004, and Resolution No. 20, Series of 2012) \$151,000 for design, acquisition of right-of-way, and construction of improvements along Reach BP20 (Exhibit A); and

WHEREAS, the Town of Erie and the District now desire to construct improvements along Reach BP20; and

WHEREAS, the Town of Erie has estimated the additional project costs to be \$525,000 resulting in a revised total project cost of \$836,000 (\$413,500 District; \$422,500 Local Government); and

WHEREAS, the District's additional participation being authorized by this resolution is \$262,500; and

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

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget (Resolution No. 51, Series of 2012) for calendar year 2013 subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Reach BP20; and

WHEREAS, the District has adopted at a public hearing a Five-Year Capital Improvement Plan (Resolution No. 58, Series of 2012) in which the improvements along Reach BP20 were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 30, Series of 2004, Paragraph 3, is amended as follows:  
"The District's maximum contribution to the Reach BP20 project without prior approval of the Board shall be ~~\$151,000~~ **\$413,500** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the Town of Erie."
2. All other conditions and authorizations remain as stated in Resolution No. 30, Series of 2004.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 14, SERIES OF 2013

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
on Wonderland Creek from Iris Avenue to Foothills Parkway, City of Boulder, Boulder County)

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

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

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

WHEREAS, the Board previously authorized (Resolution No. 40, Series of 2010; Resolution No. 19, Series of 2011; Resolution No. 55, 2011; Resolution No. 19, 2012; and Resolution 39, Series of 2012) \$1,283,457 for acquisition of right-of-way, design, and construction along Wonderland Creek from Iris Avenue to Foothills Parkway (Exhibit A); and

WHEREAS, the City of Boulder and the District now desire to design and construct improvements along Wonderland Creek from Iris Avenue to Foothills Parkway; and

WHEREAS, the City of Boulder has estimated the additional project costs to be \$1,120,000 resulting in a revised total project cost of \$3,686,914 (\$1,843,457 District; \$1,843,457 City of Boulder); and

WHEREAS, the District's additional participation being authorized by this resolution is \$560,000; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget (Resolution No. 51, Series of 2012) for calendar year 2013 subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Wonderland Creek from Iris Avenue to Foothills Parkway in Boulder; and

WHEREAS, the District has adopted at a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 58, Series of 2012) in which the improvements along Wonderland Creek from Iris Avenue to Foothills Parkway in Boulder were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 40, Series of 2010, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the Wonderland Creek from Iris Avenue to Foothills Parkway in Boulder project without prior approval of the Board shall be ~~\$1,283,457~~ **\$1,843,457** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Boulder."
2. All other conditions and authorizations remain as stated in Resolution No. 40, Series of 2010.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 14, SERIES OF 2010

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Wonderland Creek from Iris Avenue to Foothills Parkway, City of Boulder, Boulder County)

### EXHIBIT A



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 15, SERIES OF 2013

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

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

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

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

WHEREAS, the Board previously authorized, (Resolution No. 18, Series of 2012) \$150,000 for design, acquisition of right-of-way, and construction of improvements along Fourmile Canyon Creek at 19th Street (Exhibit A); and

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

WHEREAS, the City of Boulder has estimated the additional project costs to be \$300,000 resulting in a revised total project cost of \$600,000 (\$300,000 District; \$300,000 City of Boulder); and

WHEREAS, the District's additional participation being authorized by this resolution is \$150,000; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget (Resolution No. 51, Series of 2012) for calendar year 2013 subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Fourmile Canyon Creek at 19th Street; and

WHEREAS, the District has adopted at a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 58, Series of 2012) in which the improvements along Fourmile Canyon Creek at 19th Street were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 18, Series of 2012, Paragraph 3, is amended as follows:  
"The District's maximum contribution to the Fourmile Canyon Creek at 19th Street project without prior approval of the Board shall be ~~\$150,000~~ **\$300,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Boulder."
2. All other conditions and authorizations remain as stated in Resolution No. 18, Series of 2012.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 15, SERIES OF 2013

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

### EXHIBIT A



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 16, SERIES OF 2013

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Nissen Reservoir Drainageway (Basin 3207) at Lowell Boulevard, City and County of Broomfield)

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

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

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

WHEREAS, the Board previously authorized (Resolution No. 70, Series of 2011) \$500,000 for design and construction of improvements on Nissen Reservoir Drainageway (Basin 3207) at Lowell Boulevard (Exhibit A); and

WHEREAS, the City and County of Broomfield and the District now desire to construct improvements on Nissen Reservoir Drainageway (Basin 3207) at Lowell Boulevard; and

WHEREAS, the City and County of Broomfield has estimated the additional project costs to be \$620,000 resulting in a revised total project cost of \$1,620,000 (\$810,000 District; \$810,000 Broomfield); and

WHEREAS, the District's additional participation being authorized by this resolution is \$310,000; and

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

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget (Resolution No. 51, Series of 2012) for calendar year 2013 subsequent to public hearing, which includes funds for construction of drainage and flood control improvements on Nissen Reservoir Drainageway (Basin 3207) at Lowell Boulevard; and

WHEREAS, the District has adopted at a public hearing, a Five-Year Capital Improvement Plan, (Resolution No. 58, Series of 2012) in which the improvements on Nissen Reservoir Drainageway (Basin 3207) at Lowell Boulevard were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 70, Series of 2011, Paragraph 3, is amended as follows:  
"The District's maximum contribution to the Nissen Reservoir Drainageway (Basin 3207) at Lowell Boulevard project without prior approval of the Board shall be ~~\$500,000~~ **\$810,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City and County of Broomfield."
2. All other conditions and authorizations remain as stated in Resolution No. 70, Series of 2011.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

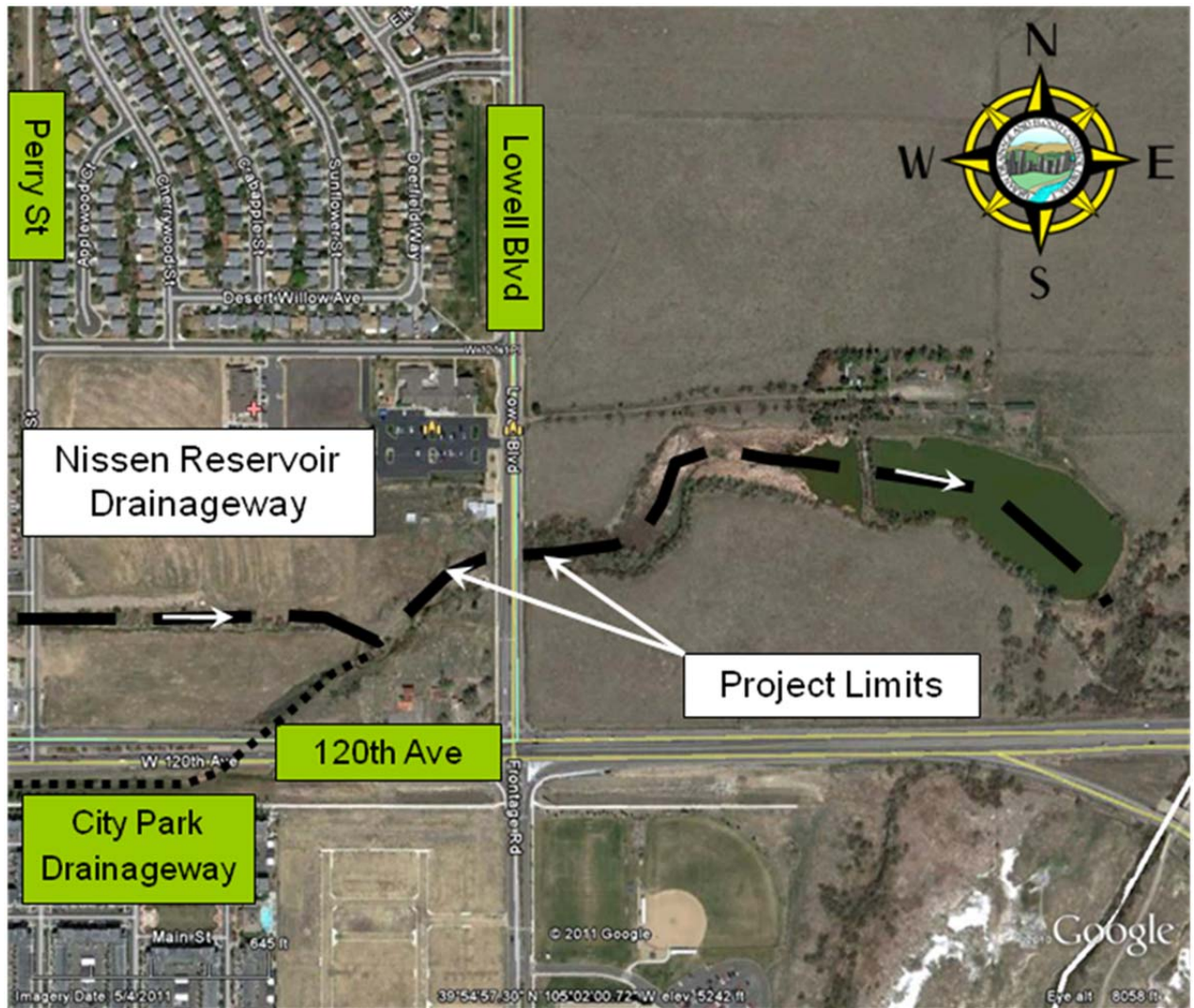
\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 16, SERIES OF 2013

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Nissen Reservoir Drainageway (Basin 3207), City and County of Broomfield)

### EXHIBIT A





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 17, SERIES OF 2013

(Additional Authorization to Participate in Drainage and Flood Control Improvements along West Fork Kenneys Run from 23rd Street to 24th Street, City of Golden, Jefferson County)

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

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

WHEREAS, the City of Golden and the District cooperated in the preparation of "Major Drainageway Planning – Golden, Tucker Gulch / Kenneys Run", dated September 1983; and

WHEREAS, the Board previously authorized, (Resolution No. 33, Series of 2012) \$50,000 for design, acquisition of right-of-way, and construction of improvements along West Fork Kenneys Run from approximately 300 feet downstream of 23<sup>rd</sup> Street to approximately 300 feet upstream of 24<sup>th</sup> Street (Exhibit A); and

WHEREAS, the City of Golden and the District now desire to construct improvements along West Fork Kenneys Run from 23rd Street to 24th Street; and

WHEREAS, the City of Golden has estimated the additional project costs to be \$800,000 resulting in a revised total project cost of \$900,000 (\$450,000 District;\$450,000 Golden); and

WHEREAS, the District's additional participation being authorized by this resolution is \$400,000; and

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

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget (Resolution No. 51, Series of 2012) for calendar year 2013 subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along West Fork Kenneys Run from 23rd Street to 24th Street; and

WHEREAS, the District has adopted at a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 58, Series of 2012) in which the improvements along West Fork Kenneys Run from 23rd Street to 24th Street; were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 33, Series of 2012, Paragraph 3, is amended as follows:  
"The District's maximum contribution to the West Fork Kenneys Run from 23rd Street to 24th Street project without prior approval of the Board shall be ~~\$50,000~~ **\$450,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Golden."
2. All other conditions and authorizations remain as stated in Resolution No. 33, Series of 2012.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 17, SERIES OF 2013

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
along West Fork Kenneys Run from 23rd Street to 24th Street, City of Golden, Jefferson County)

### EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 18, SERIES OF 2013  
(Authorization to Participate in Drainage and Flood Control Improvements  
on Drainageway A-2, City of Louisville, Boulder County)

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

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

WHEREAS, the City of Louisville and the District cooperated in the preparation of "Lafayette-Louisville Boundary Outfall System Plan Conceptual Design Report", dated January 2011; and

WHEREAS, the Board previously authorized, (Resolution No. 29, Series of 2011 and Resolution No. 41, Series of 2012) \$537,500 for acquisition of right-of-way, design, and construction along Drainageway A-2 (Exhibit A); and

WHEREAS, the City of Louisville and the District now desire to continue with the design, acquisition of right-of-way, and construction of improvements along Drainageway A-2; and

WHEREAS, the City of Louisville has estimated the additional project costs to be \$375,000 resulting in a revised total project cost of \$1,450,000 (\$725,000 District; \$725,000 City of Louisville); and

WHEREAS, the District's additional participation being authorized by this resolution is \$187,500; and

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

WHEREAS, the District has adopted a Special Revenue Fund–Construction Budget (Resolution No. 51 Series of 2012) for calendar year 2013 subsequent to public hearing, which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements along Drainageway A-2; and

WHEREAS, the District has adopted at a public hearing a Five-Year Capital Improvement Program (Resolution No. 58, Series of 2012) in which the improvements along Drainageway A-2 were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 29, Series of 2011, Paragraph 3, is amended as follows:  
"The District's maximum contribution to the Drainageway A-2 project without prior approval of the Board shall be ~~\$537,500~~ **\$725,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Louisville."
2. All other conditions and authorizations remain as stated in Resolution No. 29, Series of 2011.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

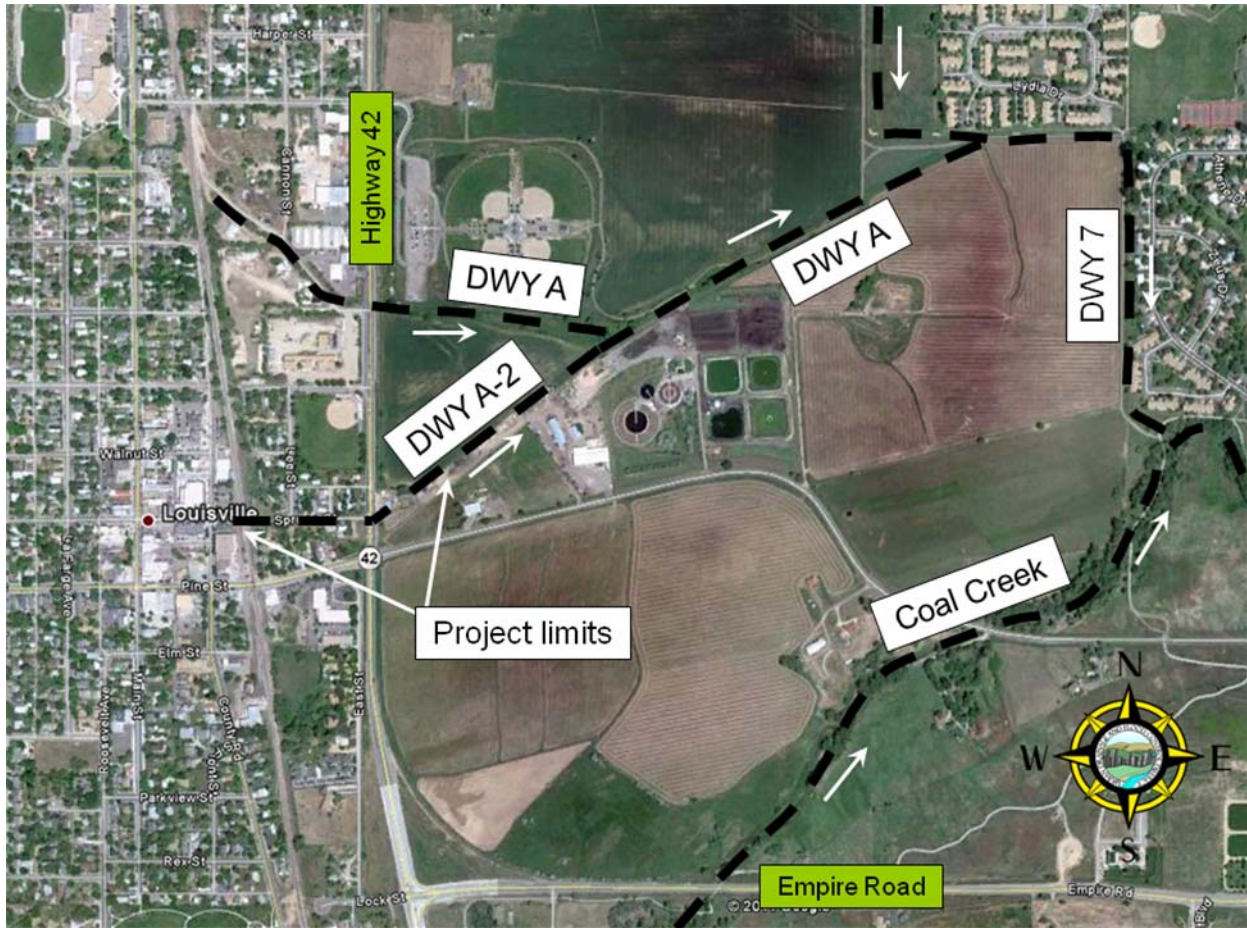
\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 18, SERIES OF 2013

(Authorization to Participate in Drainage and Flood Control Improvements  
on Drainageway A-2, City of Louisville, Boulder County)

### EXHIBIT A





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 19, SERIES OF 2013

(Authorization to Participate in Drainage and Flood Control Improvements  
on Coal Creek at 120th Street, City of Lafayette, Boulder County)

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

WHEREAS, the City of Lafayette and Boulder County have enacted floodplain regulations; and

WHEREAS, the City of Lafayette, Boulder County, and the District are cooperating in the preparation of "Coal Creek and Rock Creek Major Drainageway Plan"; and

WHEREAS, the City of Lafayette and Boulder County have requested District participation in the design, acquisition of right-of-way, and construction of improvements along Coal Creek at 120th Street (Exhibit A); and

WHEREAS, the City of Lafayette and Boulder County have estimated the total project costs to be \$400,000; and

WHEREAS, the District's participation being authorized by this resolution is \$200,000; and

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

WHEREAS, the District has adopted a Special Revenue Fund–Construction Budget (Resolution No. 51, Series of 2012) for calendar year 2013 subsequent to public hearing, which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements along Coal Creek at 120th Street; and

WHEREAS, the District has adopted at a public hearing, a Five-Year Capital Improvement Program (Resolution No. 58, Series of 2012) in which the improvements along Coal Creek at 120th Street were included.

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

1. The Executive Director is authorized to execute the necessary agreements with the City of Lafayette and Boulder County for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Coal Creek at 120th Street.
2. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, qualified contractors, and others as necessary for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Coal Creek at 120th Street.
3. The District's maximum contribution to the Coal Creek at 120th Street project, without prior approval of the Board, shall be \$200,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Lafayette and Boulder County.
4. Such approval for expenditure of District funds is contingent upon the City of Lafayette and Boulder County agreeing to regulate and control any defined floodplain in the Coal Creek at 120th Street project area in accordance with the National Flood Insurance Program (NFIP) Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 19, SERIES OF 2013

(Authorization to Participate in Drainage and Flood Control Improvements  
on Coal Creek at 120<sup>th</sup> Street, City of Lafayette, Boulder County)

### EXHIBIT A



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 20, SERIES OF 2013

(Authorization to Participate in Drainage and Flood Control Improvements  
on Lena Gulch at South Golden Road, Jefferson County)

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

WHEREAS, Jefferson County has enacted floodplain regulations; and

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

WHEREAS, Jefferson County has requested District participation in the construction of improvements on Lena Gulch at South Golden Road (Exhibit A); and

WHEREAS, Jefferson County has estimated the total project costs to be \$1,425,000; and

WHEREAS, the District's participation being authorized by this resolution is \$675,000; and

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

WHEREAS, the District has adopted a Special Revenue Fund–Construction Budget (Resolution No. 51, Series of 2012) for calendar year 2013 subsequent to public hearing, which includes funds for construction of drainage and flood control improvements on Lena Gulch at South Golden Road; and

WHEREAS, the District has adopted at a public hearing, a Five-Year Capital Improvement Program (Resolution No. 58, Series of 2012) in which the improvements on Lena Gulch at South Golden Road were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with Jefferson County for the construction of drainage and flood control improvements on Lena Gulch at South Golden Road.
2. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, qualified contractors, and others as necessary for the construction of drainage and flood control improvements on Lena Gulch at South Golden Road.
3. The District's maximum contribution to the Lena Gulch at South Golden Road project, without prior approval of the Board, shall be \$675,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Jefferson County.
4. Such approval for expenditure of District funds is contingent upon Jefferson County agreeing to regulate and control any defined floodplain in the Lena Gulch at South Golden project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.



(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 20, SERIES OF 2013

(Authorization to Participate in Drainage and Flood Control Improvements  
on Lena Gulch at South Golden Road, Jefferson County)

### EXHIBIT A



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 21, SERIES OF 2013

(Authorization to Participate in Drainage and Flood Control Improvements  
on Westerly Creek from 17th Avenue to Montview Boulevard, 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 "Westerly Creek Drainageway Update (Downstream of Westerly Creek Dam) Major Drainageway Plan Conceptual Design Report", dated July 2010; and

WHEREAS, the City of Aurora has requested District participation in the design, acquisition of right-of-way, and construction of improvements along Westerly Creek from 17th Avenue to Montview Boulevard (Exhibit A); and

WHEREAS, the City of Aurora has estimated the total project costs to be \$320,000; and

WHEREAS, the District's participation being authorized by this resolution is \$160,000; and

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

WHEREAS, the District has adopted a Special Revenue Fund–Construction Budget (Resolution No. 49, Series of 2011) for calendar year 2011 subsequent to public hearing, which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements along Westerly Creek from 17th Avenue to Montview Boulevard; and

WHEREAS, the District has adopted at a public hearing, a Five-Year Capital Improvement Program (Resolution No. 57, Series of 2011) in which the improvements along Westerly Creek from 17th Avenue to Montview Boulevard were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with the City of Aurora for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Westerly Creek from 17th Avenue to Montview Boulevard.
2. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, qualified contractors, and others as necessary for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Westerly Creek from 17<sup>th</sup> Avenue to Montview Boulevard.
3. The District's maximum contribution to the Westerly Creek from 17th Avenue to Montview Boulevard project, without prior approval of the Board, shall be \$160,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Aurora.
4. Such approval for expenditure of District funds is contingent upon the City of Aurora agreeing to regulate and control any defined floodplain in the Westerly Creek from 17th Avenue to Montview Boulevard project area in accordance with the National Flood Insurance Program Regulation (NFIP) as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 21, SERIES OF 2013

(Authorization to Participate in Drainage and Flood Control Improvements  
on Westerly Creek from 17th Avenue to Montview Boulevard, City of Aurora, Adams County)

**EXHIBIT A**





# URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## BOARD OF DIRECTORS MEETING

Date: Thursday, April 18, 2013

Time: 1:00 pm

Catered Lunch – 12:15 pm

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

### REVISED AGENDA (4/16/13)

1. **Call to Order and Pledge of Allegiance – 1:00 pm**
2. **Roll Call – Determination of Quorum**
3. **Introductions**
  - a. Visitors/Guests/Staff
  - b. Awards/Recognitions
4. **Approval of March 21, 2013 Meeting Minutes** *(If there are no corrections “Minutes stand approved”, or with corrections “Minutes stand approved as corrected”)*
5. **Consent Agenda** *(Consent items are considered routine and will be approved by one motion unless a request is made by a Board Member for removal for further discussion or explanation.)*
  - a. Review of Cash Disbursements
  - b. Authorization to Participate in Drainage and Flood Control Improvements on Little Dry Creek at Tufts Avenue, City of Cherry Hills Village, Arapahoe County (Resolution No. 23, Series of 2013)
  - c. Additional Authorization to Participate in Drainage and Flood Control Improvements on Little Creek at West Lake Avenue, City of Littleton, Arapahoe County (Resolution No. 24, Series of 2013)
  - d. 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. 25, Series of 2013)
  - e. Authorization for a Planning Study of Big Dry Creek (Resolution No. 26, Series of 2013)
  - f. Authorization for a Planning Study of Senac Creek (Resolution No. 27, Series of 2013)
  - g. Acceptance of Globeville-Utah Junction Watershed Planning Study (Resolution No. 28, Series of 2013)
6. **Vote on Approval of the Consent Agenda** *(Motion and roll call vote required.)*
7. **Executive Session (if necessary) – FasTracks Construction Easement**  
C.R.S. 26-6-402 (4)(a)
8. **Reports/Discussion**
  - a. Executive Director’s Report
9. **Other Business**
10. **Announcements**
  - a. Next Regularly Scheduled Meeting: **Thursday, May 16, 2013**
  - b. June Meeting Rescheduled: **Thursday, June 27, 2013**
11. **Adjournment**



## URBAN DRAINAGE AND FLOOD CONTROL DISTRICT BOARD OF DIRECTORS

March 21, 2013

### MINUTES

#### **Members Present:**

Marsha Berzins, Mayor Pro Tem, City of Aurora  
Debbie Brinkman, Mayor, City of Littleton  
Joyce Downing, Mayor, City of Northglenn  
Deb Gardner, Commissioner, Boulder County  
Faye Griffin, Commissioner, Jefferson County  
Mark Hunter, Engineer  
Paul Lopez, Council Member, City/County of Denver  
Nancy McNally, Mayor, City of Westminster  
Bonnie McNulty, Mayor, City of Edgewater  
Bob Murphy, Mayor, City of Littleton  
Stephanie Piko, Mayor Pro Tem, City of Centennial  
Jill Repella, Commissioner, Douglas County  
Nancy Sharpe, Commissioner, Arapahoe County  
Greg Stokes, Mayor Pro Tem, City/County of Broomfield  
Mary Beth Susman, Council Member, City/County of Denver  
Charles (Chaz) Tedesco, Commissioner, Adams County  
Heidi Williams, Mayor, City of Thornton  
Rachel Zenzinger, Mayor Pro Tem, City of Arvada

#### **Members Absent:**

Cary Kennedy, Deputy Mayor, City/County of Denver  
Peggy Lehmann, Council Member, City/County of Denver  
Lisa Morzel, Deputy Mayor, City of Boulder  
Bob Muckle, Mayor, City of Louisville  
Dave Sellards, Engineer

#### **UDFCD Staff Present:**

Paul Hindman	Executive Director
Ed Krisor	Legal Counsel
Julia Bailey	Project Engineer, Information Systems & Flood Warning
Dave Bennetts	Manager, Design, Construction, and Maintenance
Richard Borchardt	Senior Project Engineer, Design, Construction, and Maintenance
Bill DeGroot	Manager, Floodplain Management
Amelia Deleon	Administrative Services Manager
Frank Dobbins	Director, Finance and Accounting
Terri Fead	Project Engineer, Floodplain Management
David Mallory	Senior Project Engineer, Floodplain Management
Ken McKenzie	Manager, Master Planning
Wanda Salazar	Accountant, Finance and Accounting
David Skuodas	Project Engineer, Design, Construction, and Maintenance
Abdullah Zullali	Student Intern, Design, Construction, and Maintenance

#### **Others Present:**

Rebecca Baker	City/County of Broomfield
Mark Elmshauser	CliftonLarsonAllen, LLP
Bob Manwaring	City of Arvada/APWA

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



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

Roll was called and a quorum was declared present.

3. **Introductions**

a. **Visitors/Guests/Staff**

Mr. Hindman introduced the following guests:

- Rebecca Baker, City/County of Broomfield
- Mark Elmshauser, CliftonLarsonAllen, LLP
- Bob Manwaring, City of Arvada (Also representing APWA)

b. **Awards/Recognitions**

i. APWA Awards

Mr. Bob Manwaring presented the District with three APWA Colorado Chapter Awards for the following projects:

- Brantner Gulch At Holly Street managed by Dave Skuodas
- Standard Construction Specifications: Dave Bennetts
- Alexx & Michael's Pond Pump Station managed by Bryan Kohlenberg

ii. Certificate of Achievement for Excellence in Financial Reporting (CAFR)

Paul Hindman noted that the accounting staff, once again, received the Certificate of Achievement for Excellence in Financial Reporting (CAFR) for the District's Comprehensive Annual Financial Report for Fiscal Year Ended December 31, 2011. Frank Dobbins and Wanda Salazar were presented with the award.

8. **Other Business** (*Agenda Item No. 8 was moved up for discussion.*)

Auditor's 2012 Financial Statements

The final UDFCD 2012 Audit Report was provided to the Board and Mr. Mark Elmshauser with CliftonLarsonAllen, LLP was present to answer any questions about the audit report. There being no further comments or questions, it was the consensus of the Board to place Resolution No. 22, Acceptance of 2012 Audit Report, on the Consent Agenda.

4. **Board approval of February 01, 2013 Meeting Minutes**

Mayor McNally moved to approve the February 01, 2013 minutes. The minutes were approved as submitted.

5. **Consent Agenda**

a. **Review of Cash Disbursements**

Cash Disbursement list dated February and March 2013 had been distributed to the Board for review. There being no further comments or questions, it was the consensus of the Board to include approval of the Cash Disbursements on the Consent Agenda.

b. **Flood Awareness (Resolution No. 10, Series of 2013)**

This annual resolution that recognized that the flood season (April 15 – September 15) is approaching. The purpose is to raise awareness among citizens, local governments, and local media that we are entering the annual flood season. It recommends self-help actions that all citizens can take to deal with flood hazards; that people investigate the possibility of flooding where they live or work; recommends actions people can take if they live or work in a floodplain; and recommends that local governments meet with their local emergency preparedness units to discuss what actions to take in the event of a flood. Resolution No. 10 directs District staff to send out an official notice to over 22,000 addresses located in or near the 100-year floodplains.

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

c. **Authorization of Expenditures for Electronic Data Management (Resolution No. 11, Series of 2013)**

This is an on-going project that is updated regularly. More of the District's information continues to be available electronically and this resolution will allow further

enhancement to the District's web site to increase the speed in retrieving information and allow other information to be added as it seems appropriate to the needs of the public. Paul Hindman provided the Board with a brief presentation of how this information can be obtained from the District's web site.

Resolution No. 11 authorizes \$100,000 for calendar year 2013 to further develop, enhance, and maintain capabilities to manage and disseminate electronic data and information.

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

**d. Additional Authorization to Participate in Drainage and Flood Control Improvements on Goldsmith Gulch at Peakview Avenue (Resolution No. 12, Series of 2013)**

This is a joint project with Southeast Metro Stormwater Authority (SEMSWA). Icon Engineering designed the project under contract with the SEMSWA. The drainage elements of the project include installation of drop structures, bank protection, and concrete box culverts. Easement and right-of-way acquisition is included in the project costs. The final design is now complete and the District and SEMSWA desire to construct the improvements which will be managed by SEMSWA.

The District and SEMSWA have identified \$1,110,980 in total project costs with the District's participation being \$455,000. The previous authorizations, Resolution No. 56, Series 2012 and Resolution No. 29, Series of 2009, totaled \$165,000 to fund design and acquisition of right-of-way and partially fund construction.

Resolution No. 12 authorizes an additional \$290,000 of District funds from the Special Revenue Fund - Construction to at least be matched by SEMSWA for the design, acquisition of right-of-way, and construction of the drainage elements of the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 12, on the Consent Agenda.

**e. Additional Authorization to Participate in Drainage and Flood Control Improvements on Reach BP20 (Resolution No. 13, Series of 2013)**

This is a joint project with the Town of Erie. Olsson Associates designed the project under contract with the District. The drainage elements of the project include installation of channel improvements, drop structures, and several road and property access crossings. Easement and right-of-way acquisition is included in the project costs.

The final design is now complete and the District and Town of Erie desire to construct the improvements which will be managed by the District. The District and the Town of Erie have identified \$916,000 in total project costs with the District's participation being \$413,500. The previous authorization, Resolution No. 20, Series of 2012, totaled \$881,000 to fund design and to partially fund acquisition of right-of-way and construction.

Resolution No. 13 authorizes an additional \$17,500 of District funds from the Special Revenue Fund - Construction to at least be matched by the Town of Erie for the design, acquisition of right-of-way, and construction of the drainage elements of the project.

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

**f. Additional Authorization to Participate in Drainage and Flood Control Improvements on Wonderland Creek from Iris Avenue to Foothills Parkway (Resolution No. 14, Series of 2013)**

This is a joint project with the City of Boulder. Ayres Associates performed conceptual design of the project under contract with the City. The drainage elements of the project

include installation of a new crossing at Iris Street, channel improvements, trail improvements, reduction in floodplain, flow separation from the Boulder and White Rock Ditch, and a new bridge at the Union Pacific Railroad (UPRR) crossing that includes a trail underpass.

Easement and right-of-way acquisition is included in the project costs. A single-family home owned by the Geological Society of America was purchased and deconstructed with money from a previous resolution. This home was situated well within the floodplain. The final design is underway with Muller Engineering. The District and the City of Boulder desire to construct the improvements which will be managed by the City of Boulder.

The District and the City of Boulder have identified \$3,686,914 in total project costs with the District's participation being \$1,843,457. The previous authorization, Resolution No. 39, Series of 2012, totaled \$2,566,914 to fund acquisition of right-of-way and design, and to start funding construction.

Resolution No. 14 authorizes an additional \$560,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Boulder for the design, acquisition of right-of-way, and construction of the drainage elements of the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 14, on the Consent Agenda.

**g. Additional Authorization to Participate in Drainage and Flood Control Improvements on Fourmile Canyon Creek at 19<sup>th</sup> Street, City of Boulder, Boulder County (Resolution No. 15, Series of 2013)**

This is a joint project with the City of Boulder. WHPacific, Inc. is working on design of the project under contract with the City. The drainage elements of the project include installation of 100-year crossings and pedestrian underpasses at 19th Street and at Upland Avenue.

Easement and right-of-way acquisition is included in the project costs. The preliminary design is underway and the District and the City of Boulder desire to continue to fund the design effort and partially fund construction.

The District and the City of Boulder have identified \$600,000 in total project costs with the District's participation being \$300,000. The previous authorizations, Resolution No. 18, Series of 2012, totaled \$150,000 to fund design and to partially fund acquisition of right-of-way and construction.

Resolution No. 15 authorizes an additional \$150,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Boulder for the design, acquisition of right-of-way, and construction of the drainage elements of the project.

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

**h. Additional Authorization to Participate in Drainage and Flood Control Improvements on Nissen Reservoir Drainageway (Basin 3207) at Lowell Boulevard, City and County of Broomfield (Resolution No. 16, Series of 2013)**

This is a continuing joint project with the City and County of Broomfield. This project involves the reconstruction/widening of the US 287(120th Ave)/Lowell Boulevard intersection at the location of the Nissen Reservoir Drainageway (Basin 3207) crossing of Lowell Boulevard in the City and County of Broomfield. Currently the drainageway crossing consists of two, approximately 6-ft by 3-ft, corrugated steel pipes that carry low flows under Lowell Boulevard. Preliminary design studies now indicate that a double 32-foot span CON/SPAN structure will appropriately eliminate the frequent overtopping of Lowell Boulevard and provide 100-year capacity with improved maintenance

access/pedestrian underpass. Upstream and downstream channel improvements will be needed to transition to the existing channel.

The City and County of Broomfield, under contract with Muller Engineering, is providing the design of the drainageway elements in coordination with the District. The City and County of Broomfield and the District will fund the drainageway elements. Broomfield will advertise the project and provide construction management with oversight of the drainageway elements of the project provided by the District. It is anticipated that easement and right-of-way acquisition, as needed for the drainageway elements, will be included in the project costs.

The District and the City and County of Broomfield have now identified at least \$1,620,000 in total project costs with the District's participation being \$810,000. The previous authorization, Resolution No. 70, Series of 2011, totaled \$500,000 to fund design and to partially fund acquisition of right-of-way and construction. Therefore, the District's additional participation being authorized by this resolution will be \$310,000 in 2013 funds. It is anticipated that additional monies for construction will be added in 2014. Construction is anticipated in 2013-2014.

Resolution No. 16 authorizes an additional \$310,000 of District funds from the Special Revenue Fund - Construction Budget for calendar year 2013 to be at least matched by the City and County of Broomfield for the construction of the drainage elements of the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 16, on the Consent Agenda.

**i. Additional Authorization to Participate in Drainage and Flood Control Improvements along West Fork Kenneys Run from 23rd Street to 24th Street, City of Golden, Jefferson County (Resolution No. 17, Series of 2013)**

This is a continuing joint project with the City of Golden. The project includes approximately 900 linear feet of open channel, two roadway crossings, and three drop structure improvements from approximately 200 feet downstream of 23rd Street to approximately 300 feet upstream of 24th Street, within the City of Golden. The project will contain 100-year flows within the West Fork improved channel and eliminate the existing flow separations that occur at the 23rd Street and 24th Street crossings. Upstream the project will tie into the recently completed Golden High School Redevelopment improved channel, while downstream the project will match the existing West Fork channel.

Last year the District and City of Golden selected Icon Engineering to provide final design. Final design, easement and right-of-way acquisitions, and construction are included in the project costs.

The District and the City of Golden have now identified at least \$900,000 in total project costs with the District's participation being \$450,000. The previous authorization, Resolution No. 33, Series of 2012, totaled \$50,000 to fund design and to partially fund acquisition of right-of-way and construction. Therefore, the District's additional participation being authorized by this resolution will be \$400,000 in 2013 funds.

Total project costs for the design, right-of-way acquisition, and construction are now estimated to be \$1,300,000. It is anticipated that additional monies for construction will be added next year. Construction is anticipated in 2014-2015.

Resolution No. 17 authorizes an additional \$400,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Golden for the design, acquisition of right-of-way, and construction of the drainage elements of the project. There being no further comments or questions, it was the consensus of the Board to place Resolution No. 17 on the Consent Agenda.

**j. Additional Authorization to Participate in Drainage and Flood Control Improvements on Drainageway A-2, City of Louisville, Boulder County (Resolution No. 18, Series of 2013)**

This is a joint project with the City of Louisville. The City of Louisville desires to design, acquire right-of-way, and construct improvements along Drainageway A-2 in accordance with the "Lafayette-Louisville Boundary Outfall System Plan Conceptual Design Report" dated January 2011. The project includes improvements to add a 100-year capacity storm sewer system to alleviate flooding west of the railroad tracks.

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

The District and the City of Louisville have identified \$1,450,000 in total project costs for the design, right-of-way acquisition, and partial funding of construction with the District's participation being \$725,000. The previous authorization, Resolution No. 41, Series of 2012, totaled \$537,500 to fund design and to partially fund acquisition of right-of-way and construction.

Resolution No. 18 authorizes an additional \$187,500 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Louisville for the design, acquisition of right-of-way, and construction of the drainage elements of the project.

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

**k. Authorization to Participate in Drainage and Flood Control Improvements on Coal Creek at 120<sup>th</sup> Street, City of Lafayette, Boulder County (Resolution No. 19, Series of 2013)**

This is a joint project with the City of Lafayette and Boulder County. The City of Lafayette and Boulder County desires to design, acquire right-of-way, and construct improvements along Coal Creek at 120th Street in accordance with the "Coal Creek and Rock Creek Major Drainageway Plan", which is currently ongoing. The project includes improvements to the 120th Street bridge across Coal Creek to facilitate drainage and transportation enhancements.

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

The District and the City of Lafayette and Boulder County have identified \$400,000 in initial project costs for the design, right-of-way acquisition, and partial funding of construction with the District's participation being \$200,000 in 2013 funds. Construction is anticipated in 2015.

Resolution No. 19 authorizes \$200,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Lafayette and Boulder County for the design, acquisition of right-of-way, and construction of the drainage elements of the project.

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

**l. Authorization to Participate in Drainage and Flood Control Improvements on Lena Gulch at South Golden Road, Jefferson County (Resolution No. 20, Series of 2013)**

This is a joint construction project with Jefferson County. Jefferson County has requested District participation in the construction of improvements on Lena Gulch at South Golden Road in accordance with the joint planning study titled "Major Drainageway Planning – Upper Lena Gulch – Phase B Report" by Boyle Engineering Corp., dated March 1994.

Currently the drainageway crossing under South Golden Road consists of an existing triple 20-foot by 3-foot CBC. The Major Drainageway Plan recommends a 100-year capacity, four cell, 15-foot by 5-foot CBC to help prevent interruption of this primary access to the Pleasant View portion of Golden in the event of a major flood. Upstream and downstream channel improvements will be needed to transition the crossing improvements to the existing channel.

Last year Jefferson County and the District selected Ayres Associate to provide final design with Jefferson County paying for 100 percent of the design costs. Preliminary design has shown that the construction of a 100-year capacity, triple 12-foot by 7-foot CBC under South Golden Road better fit the site conditions than the Major Drainageway Plan recommendation. Jefferson County has also requested that minor South Golden Road storm drain improvements outside the drainageway be included in the overall construction package. Jefferson County will pay for these improvements.

The District will advertise the project and provide construction management with oversight of the drainageway elements of the project provided by the District. Jefferson County will provide oversight of the storm sewer and roadway replacement elements. Required easements for the project have been obtained by Jefferson County.

The District and Jefferson County have identified \$1,425,000 in total project costs for the construction of the drainageway elements of the project with the District's participation being \$675,000 in 2013 funds. Jefferson County's participation includes an additional \$75,000 for South Golden Road storm drainage improvements. Construction is anticipated in 2013-2014.

Resolution No. 20 authorizes \$ 675,000 of District funds from the Special Revenue Fund - Construction Budget for calendar year 2013 to be at least matched by Jefferson County for the construction of the drainageway elements of the project.

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

**m. Authorization to Participate in Drainage and Flood Control Improvements on Westerly Creek from 17<sup>th</sup> Avenue to Montview Boulevard, City of Aurora, Adams County (Resolution No. 21, Series of 2013)**

This is a joint project with the City of Aurora. The City of Aurora desires to design, acquire right-of-way, and construct improvements along Westerly Creek from 17th Avenue to Montview Boulevard in accordance with the "Westerly Creek Drainageway Update (Downstream of Westerly Creek Dam) Major Drainageway Plan Conceptual Design Report", dated July 2010. The project includes improvements to increase channel capacity and to replace the Montview Bridge to reduce the number of insurable structures in the 100-year floodplain.

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

The District and the City of Aurora have identified \$320,000 in initial project costs for the design, right-of-way acquisition, and partial funding of construction with the District's participation being \$160,000 in 2013 funds. Construction is anticipated in 2014.

Resolution No. 21 authorizes \$160,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Aurora for the design, acquisition of right-of-way, and construction of the drainage elements of the project.

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

**n. Acceptance of 2012 Audit Report (Resolution No. 22, Series of 2013)**

This resolution was discussed under Agenda Item 4 above.

**6. Vote on Approval of the Consent Agenda**

It was the consensus of the Board that Resolutions No. 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, and 22 Series of 2013, and Cash Disbursements dated February and March 2013 be placed on the Consent Agenda. Council Member Lopez moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

**7. Reports/Discussion**

**a. Executive Director's Report**

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

**8. Announcements**

Mayor McNally reminded everyone that the next board meeting is scheduled for Thursday, April 18, 2013. It was also mentioned that the June Board meeting conflicts with the Annual Colorado Municipal League (CML) Conference. It was the consensus of the Board to move the Board of Directors meeting to the following Thursday, June 27<sup>th</sup>.

**9. Adjournment**

Mayor McNally adjourned the meeting at 2:05 pm.



# Executive Director's Report

Submitted by: Paul A. Hindman

March 21, 2013

## Administrative

On April 2nd, we will be holding our Annual District Seminar. Over 300 water resource professionals will be in attendance. Along with some other discussions, we are presenting an "Update on the Update" of our Criteria Manual, a discussion on changes in the National Oceanic and Atmospheric Administration (NOAA) rainfall predictions, how to build a free-formed (sculpted) drop structure, and Real Time Flash Flood Forecasting using some new hydrologic models. These presentations will almost be as thrill-packed as the new G.I. Joe movie. An event that's not to be missed!

## Program

Some of you might be wondering about the status of the "Re-Purposing of the Highline Canal" concept I discussed with the Board last year. Since then, we had a meeting with Arapahoe County Open Space, City of Aurora Parks, City and County of Denver Parks, and Denver Water. Everyone was open to the idea and we all agreed the next step would be to meet with the public works departments of each affected local government. At a separate meeting, we also met with Denver's Water Quality Task Group to discuss the topic. Following these meetings, several staff members from the different local governments and groups have downloaded the PowerPoint presentation from our ftp site to present to their respective staff and interested groups. I will continue to update you as this idea develops.

## Finance

CDs and T-Bills are still down. Our current month's investment is at 0.13% for a 90-day CD. T-Bills are 0.10 for 1-year. We continue to invest in CDs.

## State and Federal Government Advocacy

I think we made it past the 2013 State's legislative session without being affected by any bills that would be turned into law. The prompt pay bill I reported to the Board in February did not pass through committee. At the Federal level, Congress seems to be preoccupied with the financial issues of the country so not much is happening on the water resource front; however, Senator Boxer is introducing a bill to reauthorize the "Water Resource Development Act" which lists Corps of Engineers projects and programs. Several of these projects and programs help local governments and are used to leverage local government funds to build large water resource projects. With Congress in their current state of not being able to get much done, there isn't much hope of this bill passing in this session.

## Personal

Today is my mom's birthday. Dorothy Ann White turns 87 today and is still going strong. She walks every day and attends the exercise classes offered at her assisted living facility. She grew up in Polson, Montana and attended Montana State University where she got her Bachelor of Science degree. She then went on to get her Masters in child development (isn't it obvious?) at Kansas State University. Interestingly, that is where my daughter Elisa got her Masters and is currently employed by them. My mom's first job after college was teaching at CSU which was Colorado A & M back then. That's where she met my dad. All three of my brothers were born in Fort Collins, but they moved to Prescott, Arizona because that's where my dad got his teaching job. I was born in Prescott and my mom stayed home for a few years until I entered school. She then taught kindergarten for the next thirty years. The first picture below was taken of her in Polson sometime in the 1930s. The second is her high school graduation and the last is graduation from college in 1948. As moms go, she is a great one. You have to be to survive four boys.

## *Dorothy Ann White*



If you have any question or comments let me know. I can be reached at 303-455-6277 or on my cell phone at 303-919-2932.

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 23, SERIES OF 2013

(Authorization to Participate in Drainage and Flood Control Improvements  
on Little Dry Creek at Tufts Avenue, City of Cherry Hills Village, Arapahoe County)

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

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

WHEREAS, Arapahoe County, Greenwood Village, Cherry Hills Village, Centennial, South Suburban Park and Recreation District, and the District cooperated in the preparation of "Little Dry Creek (ARAPCO) Watershed Downstream Portions Major Drainageway Planning Study", dated August 2004; and

WHEREAS, the City of Cherry Hills Village has requested District participation in the design, acquisition of right-of-way, and construction of improvements along Little Dry Creek at Tufts Avenue (Exhibit A); and

WHEREAS, the City of Cherry Hills Village and the District have estimated the total project costs to be \$40,000; and

WHEREAS, the District's participation being authorized by this resolution is \$20,000; and

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

WHEREAS, the District has adopted a Special Revenue Fund–Construction Budget (Resolution No. 51, Series of 2012) for calendar year 2013 subsequent to public hearing, which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements along Little Dry Creek at Tufts Avenue; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Program (Resolution No. 58, Series of 2012) in which the improvements along Little Dry Creek at Tufts Avenue were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with the City of Cherry Hills Village for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Little Dry Creek at Tufts Avenue.
2. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, qualified contractors, and others as necessary for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Little Dry Creek at Tufts Avenue.
3. The District's maximum contribution to the Little Dry Creek at Tufts Avenue project, without prior approval of the Board, shall be \$20,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Cherry Hills Village.
4. Such approval for expenditure of District funds is contingent upon the City of Cherry Hills Village agreeing to regulate and control any defined floodplain in the Little Dry Creek at Tufts Avenue project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 23, SERIES OF 2013

(Authorization to Participate in Drainage and Flood Control Improvements  
on Little Dry Creek at Tufts Avenue, City of Cherry Hills Village, Arapahoe County)

**EXHIBIT A**





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 24, SERIES OF 2013

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
on Littles Creek at West Lake Avenue, City of Littleton, Arapahoe County)

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

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

WHEREAS, the City of Littleton and the District cooperated in the preparation of " Major Drainageway Planning, Lee Gulch, Littles Creek, Phase B-Preliminary Design", dated September 1978; and

WHEREAS, the Board previously authorized (Resolution No. 69, Series of 2012; Resolution No. 43, Series of 2012; Resolution No. 80, Series of 2009; Resolution No. 31, Series of 2009; and Resolution No. 48, Series of 2007) \$925,000 for design, acquisition of right-of-way, and construction of improvements along Littles Creek at West Lake Avenue (Exhibit A); and

WHEREAS, the City of Littleton and the District now desire to construct improvements along Littles Creek at West Lake Avenue; and

WHEREAS, the City of Littleton and the District have estimated the additional project costs to be \$260,000 resulting in a revised total project cost of \$2,310,000 (\$1,055,000 District; \$1,255,000 Littleton); and

WHEREAS, the District's additional participation being authorized by this resolution is \$130,000; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget, (Resolution No. 51, Series of 2012) for calendar year 2013 subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Littles Creek at West Lake Avenue; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan, (Resolution No. 58, Series of 2012) in which the improvements along Littles Creek at West Lake Avenue were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 48, Series of 2007, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the Littles Creek at West Lake Avenue project without prior approval of the Board shall be ~~\$925,000~~ **\$1,055,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Littleton."
2. All other conditions and authorizations remain as stated in Resolution No. 48, Series of 2007.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



RESOLUTION NO. 24, SERIES OF 2013  
(Additional Authorization to Participate in Drainage and Flood Control Improvements  
on Little Creek at West Lake Avenue, City of Littleton, Arapahoe County)



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 25, SERIES OF 2013

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
on North Dry Gulch from Lamar Street to Teller Street, City of Lakewood, Jefferson County)

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

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

WHEREAS, the City of Lakewood and the District cooperated in the preparation of "Outfall Systems Planning, North Dry Gulch", dated October 1995; and

WHEREAS, the Board previously authorized (Resolution No. 65, Series of 2008 and Resolution No. 42, Series of 2011) \$550,000 for design, acquisition of right-of-way, and construction of improvements on North Dry Gulch from Lamar Street to Teller Street (Exhibit A); and

WHEREAS, the City of Lakewood and the District now desire to construct improvements on North Dry Gulch from Lamar Street to Teller Street; and

WHEREAS, the City of Lakewood has estimated the additional project costs to be \$950,000 resulting in a revised total project cost of \$2,050,000 (\$1,025,000 District; \$1,025,000 Lakewood); and

WHEREAS, the District's additional participation being authorized by this resolution is \$475,000; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget, (Resolution No. 51, Series of 2012) for calendar year 2013 subsequent to public hearing, which includes funds for construction of drainage and flood control improvements on North Dry Gulch from Lamar Street to Teller Street; and

WHEREAS, the District has adopted at a public hearing a Five-Year Capital Improvement Plan, (Resolution No. 58, Series of 2012) in which the improvements on North Dry Gulch from Lamar Street to Teller Street were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 65, Series of 2008, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the North Dry Gulch from Lamar Street to Teller Street project without prior approval of the Board shall be ~~\$550,000~~ **\$1,025,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Lakewood."
2. All other conditions and authorizations remain as stated in Resolution No. 65, Series of 2008.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 25, SERIES OF 2013

(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



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 26, SERIES OF 2013 (Authorization for a Planning Study of Big Dry Creek)

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

WHEREAS, the City of Centennial, Arapahoe County, and the City of Greenwood Village have enacted floodplain regulations; and

WHEREAS, the City of Centennial and Arapahoe County have assigned and transferred to Southeast Metro Stormwater Authority (SEMSWA) their rights and obligations for the Big Dry Creek planning study project; and

WHEREAS, the Board has previously established a Work Program for 2013 (Resolution No. 57, Series of 2012) which includes master planning; and

WHEREAS, the Board wishes to cooperate with SEMSWA and the City of Greenwood Village in the identification of solutions to stormwater drainage and flood control management problems for Big Dry Creek downstream of County Line Road (Exhibit A); and

WHEREAS, SEMSWA and the City of Greenwood Village have expressed a desire to participate in a study leading to a major drainageway plan (MDP) and flood hazard area delineation (FHAD) for Big Dry Creek downstream of County Line Road and to fund the local share; and

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

	<u>Planning Study</u>	<u>FHAD</u>
District	\$100,000	\$50,000
SEMSWA	\$83,000	-
<u>City of Greenwood Village</u>	<u>\$17,000</u>	<u>-</u>
<b>TOTAL</b>	<b>\$200,000</b>	<b>\$50,000</b>

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute an agreement with the Southeast Metro Stormwater Authority (SEMSWA) and the City of Greenwood Village to fund the required engineering and mapping services for the Big Dry Creek planning study.
2. The Executive Director is authorized to procure any needed mapping and to execute a contract with a qualified engineer(s) for required engineering services.
3. The expenditures for the consulting and mapping services are estimated at \$250,000 and the District's share of total costs shall not exceed \$150,000 plus interest earned on monies deposited in the project fund which contribution for the planning portion of this project shall be matched by SEMSWA and the City of Greenwood Village.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 26, SERIES OF 2013  
(Authorization for a Planning Study of Big Dry Creek)

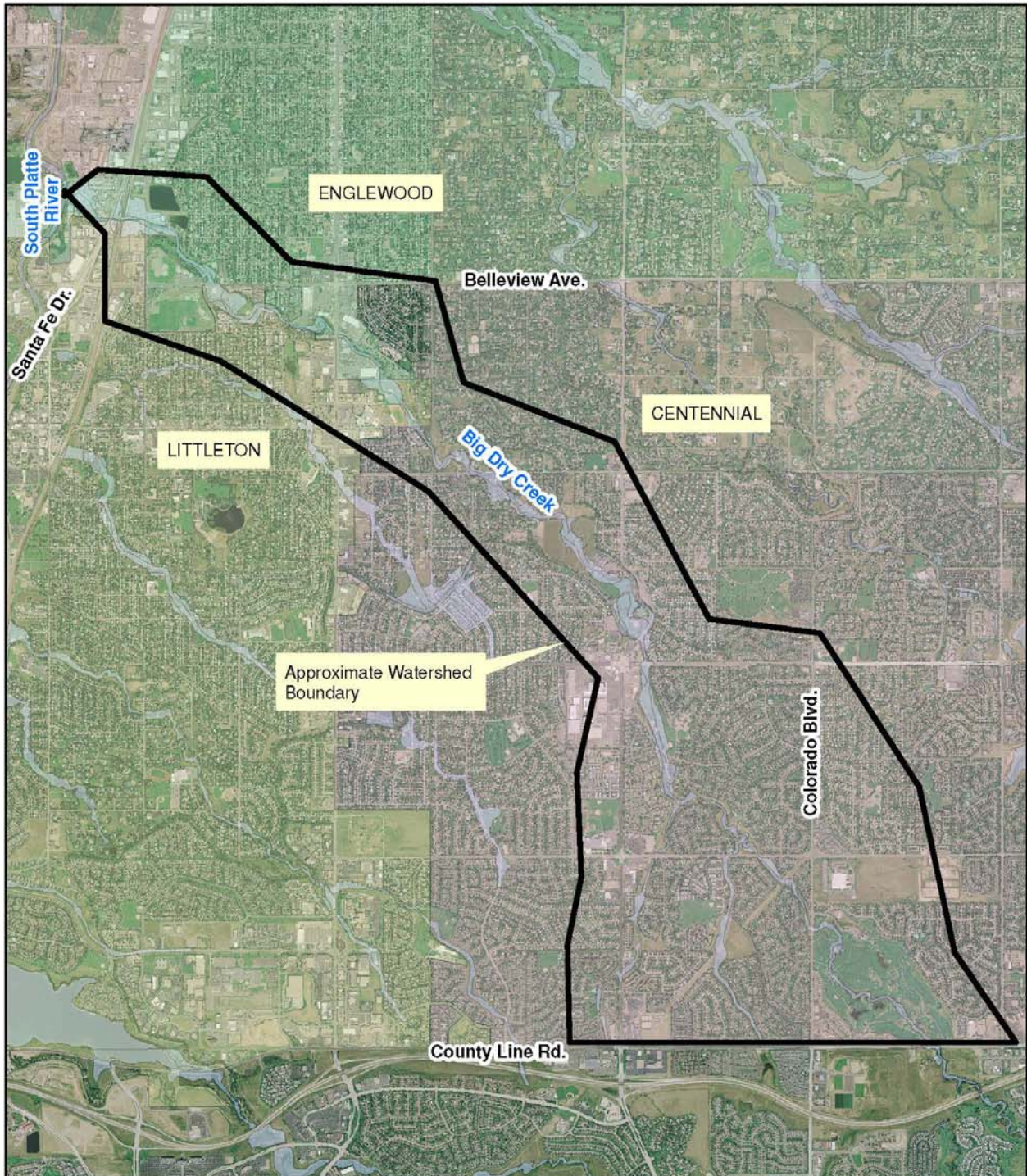
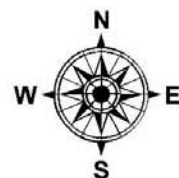


EXHIBIT A  
Big Dry Creek MDP & FHAD  
Approximate Watershed Limits  
April 2013





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 27, SERIES OF 2013 (Authorization for a Planning Study of Senac Creek)

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

WHEREAS, the City of Aurora and Arapahoe County have enacted floodplain regulations; and

WHEREAS, Arapahoe County has assigned and transferred to Southeast Metro Stormwater Authority (SEMSWA) their rights and obligations for the Senac Creek planning study project; and

WHEREAS, the Board has previously established a Work Program for 2013 (Resolution No. 57, Series of 2012) which includes master planning; 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 Senac Creek (Exhibit A); and

WHEREAS, the City of Aurora and SEMSWA have expressed a desire to participate in a study leading to a major drainageway plan (MDP) for Senac Creek and to fund the local share; and

WHEREAS, the cost of engineering and mapping services for master planning is estimated to be \$180,000 and is expected to be divided among participating entities as follows:

	<u>Planning Study</u>
District	\$90,000
City of Aurora	\$53,000
<u>SEMSWA</u>	<u>\$37,000</u>
<b>TOTAL</b>	<b>\$180,000</b>

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director 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 Senac Creek planning study.
2. The Executive Director is authorized to procure any needed mapping and to execute a contract with a qualified engineer(s) for required engineering services.
3. The expenditures for the consulting and mapping services are estimated at \$180,000 and the District's share of total costs shall not exceed \$90,000 plus interest earned on monies deposited in the project fund which contribution for the planning portion of this project shall be matched by the City of Aurora and SEMSWA.



(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

RESOLUTION NO. 27, SERIES OF 2013  
(Authorization for a Planning Study of Senac Creek)

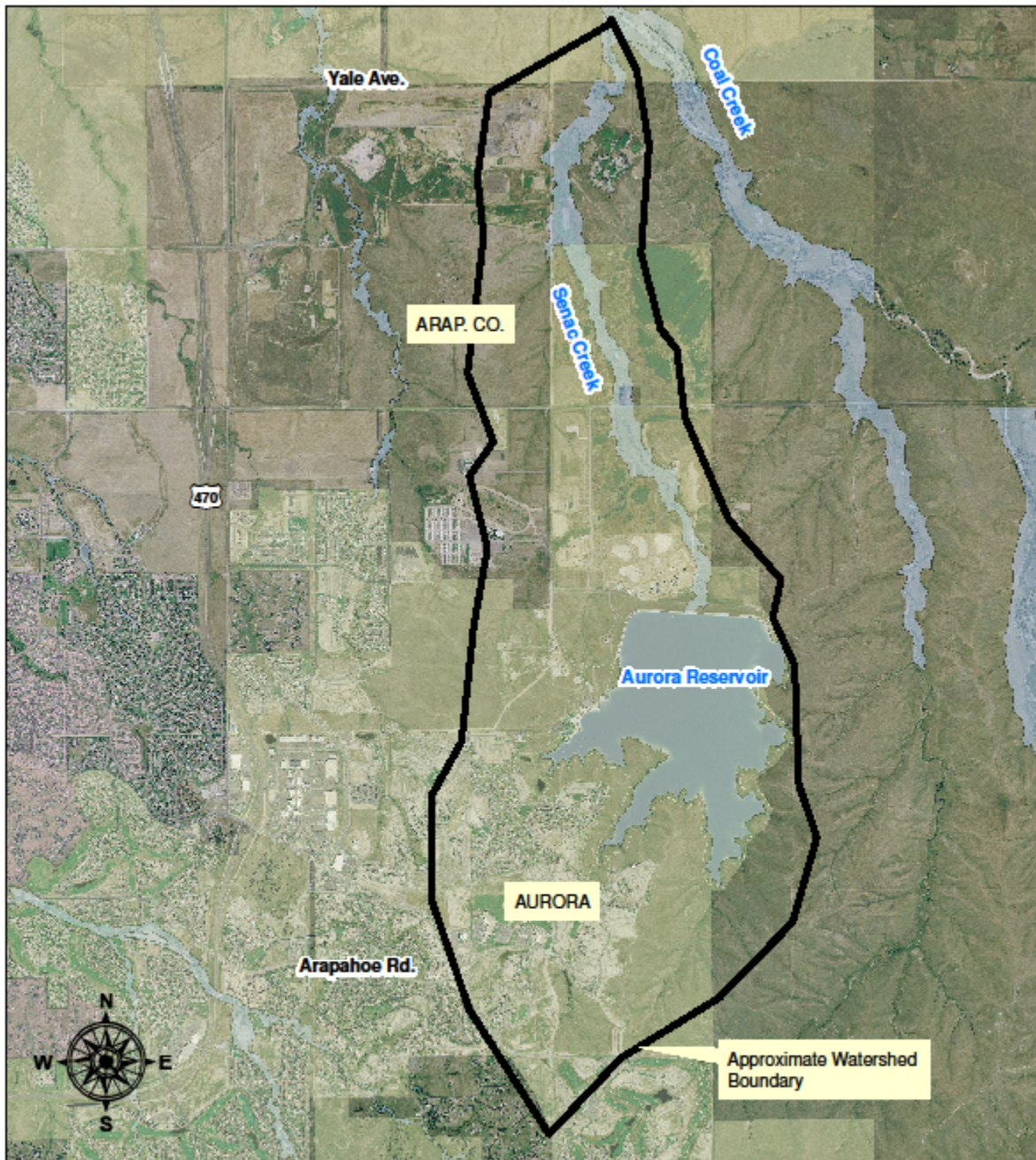


EXHIBIT A  
Senac Creek Major Drainageway Plan  
Approximate Study Limits  
April 2013



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 28, SERIES OF 2013  
(Acceptance of Globeville-Utah Junction Watershed Planning Study)

WHEREAS, the Board cooperated with the City and County of Denver and Adams County in the preparation of an outfall systems planning study for the Globeville and Utah Junction watershed (Resolution No. 23, Series of 2011); and

WHEREAS, the Executive Director executed an agreement for engineering services with the consulting firm, CH2M Hill Engineers, Inc. to conduct studies and prepare an outfall systems planning report for the Globeville and Utah Junction watersheds; and

WHEREAS, the District reviewed the alternatives presented by CH2M Hill Engineers, Inc. and concurred with the need to complete the study based on an alternative selected in cooperation with the City and County of Denver and Adams County; and

WHEREAS, CH2M Hill Engineers, Inc. has completed the study and submitted to the District the “Globeville-Utah Junction Watershed Outfall Systems Plan” report, dated April 2013.

NOW, THEREFORE, BE IT RESOLVED THAT:

The Board of Directors of the Urban Drainage and Flood Control District hereby accepts the report titled “Globeville-Utah Junction Watershed Outfall Systems Plan” dated April 2013, and recommends that all the drainageway and flood control facilities and practices recommended by the report be used as a guide in future drainage and flood control planning, in land development, and in design of all drainageway facilities within the jurisdiction covered by said plan.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 28, SERIES OF 2013  
(Acceptance of Globeville-Utah Junction Watershed Planning Study)

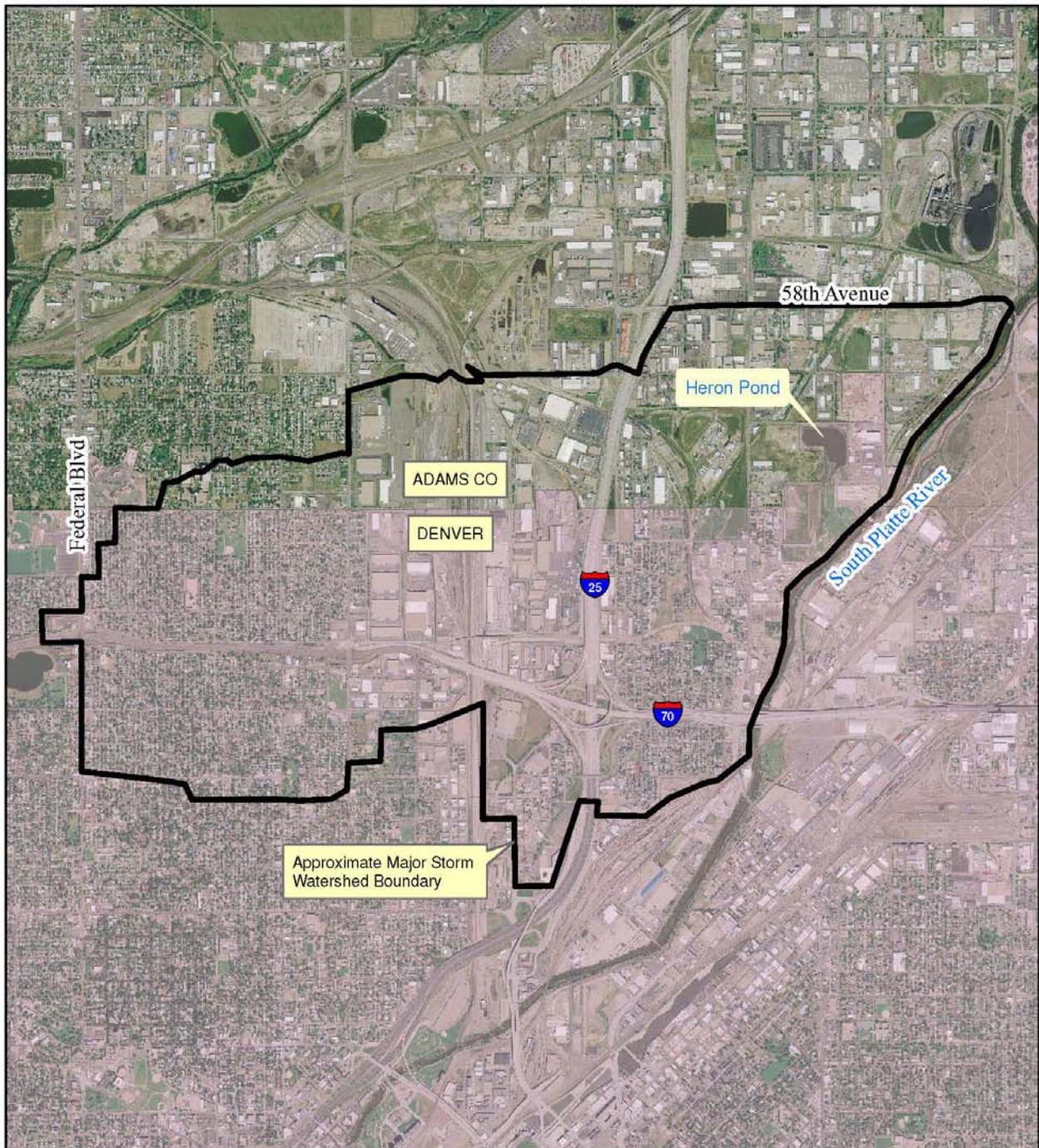
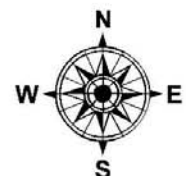


EXHIBIT A  
Globeville-Utah Junction Watershed  
Outfall Systems Plan  
Approximate Study Limits  
April 2013



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 29, SERIES OF 2013

(Authorization to Utilize the Powers of Eminent Domain in Regard to the Acquisition of a Temporary Construction Easement from RCD, LLC)

WHEREAS, the District by virtue of Resolutions No. 34 and 68, Series of 2011 is participating in drainage and flood control improvements on Ridge Road Tributary, downstream of Ward Road in Jefferson County, hereinafter "Project"; and

WHEREAS, both the City of Arvada and the City of Wheat Ridge are local participating entities in the Project; and

WHEREAS, the District is managing the Project and is responsible for acquiring all right-of-way necessary for construction of the Project; and

WHEREAS, the District has hired Icon Engineering, Inc. to design the Project and a portion of the Project requires the installation of box culverts in an easement provided by the Regional Transportation District, hereinafter "RTD"; and

WHEREAS, the Project also involves the construction by RTD of the Gold Line for FasTracks; and

WHEREAS, both the City of Arvada and the City of Wheat Ridge will receive FasTracks local share credits for the construction of this Project; and

WHEREAS, in order for a portion of this Project to be constructed at a substantial cost savings to both the District and its local participating entities it is necessary for the District to obtain a temporary construction easement from RCD, LLC which is depicted on the attached Exhibit "A" and legally described on the attached Exhibit "B"; and

WHEREAS, the temporary construction easement is already encumbered by a permanent easement held by Public Service Company of Colorado which virtually prohibits any above-ground improvements in that permanent easement; and

WHEREAS, the District has obtained an eminent domain appraisal of the needed temporary construction easement and its value was determined to be \$5,300.00; and

WHEREAS, representatives of the District and ICON Engineering, Inc. have met twice with Mr. Richard Domenico, Manager of RCD, LLC, the owner of the real property upon which the needed temporary construction easement is located; and

WHEREAS, Mr. Domenico is unwilling to accept the appraised value and has demanded substantially more for the temporary construction easement that is needed; and

WHEREAS, it is highly unlikely that the District will be able to obtain the needed temporary construction easement through good faith negotiations with Mr. Domenico; and

WHEREAS, if a final best offer by the District is not accepted, the only remaining option to obtain the temporary construction easement is for the District to exercise its power of eminent domain.



NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director of the District shall make a written final and best good faith offer to RCD, LLC for the needed temporary construction easement.
2. If RCD, LLC fails to accept that offer, the Executive Director of the District is authorized to pursue acquisition of the needed temporary construction easement in the name of the District through an action in eminent domain.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 29, SERIES OF 2013

(Authorization to Utilize the Powers of Eminent Domain in Regard to the Acquisition of a Temporary Construction Easement from RCD, LLC)

### EXHIBIT A



**EXHIBIT B - 1 OF 4**

LEGAL DESCRIPTION

A 25 FOOT WIDE STRIP OF LAND SITUATED IN THAT PARCEL WITH RECEPTION NO. F0398836, BEING LOCATED IN THE N.E.1/2 OF THE S.E.1/4 OF SECTION 17, T.3S., R.69W., OF THE 6TH P.M., COUNTY OF JEFFERSON, STATE OF COLORADO, SAID STRIP BEING DESCRIBED AS FOLLOWS:

COMMENCING AT THE C.1/4 CORNER OF SAID SECTION 16, FROM WHENCE THE W.1/4 CORNER OF SAID SECTION 16 BEARS ON A STATE PLANE BEARING OF S89°32'53"W A GROUND DISTANCE OF 2659.04 FEET;

THENCE S71°58'57"W A DISTANCE OF 1970.71 FEET TO THE POINT OF BEGINNING (P.O.B.);

THENCE S17°02'49"E ALONG THE EAST LINE OF SAID PARCEL A DISTANCE OF 25.01 FEET;

THENCE S74°39'11"W A DISTANCE OF 816.74 FEET;


THENCE N00°20'00"W ALONG THE WEST LINE OF SAID PARCEL 2 DISTANCE OF 25.88 FEET;

THENCE N74°39'11"E ALONG THE SOUTHERLY R.O.W. LINE OF THE COLORADO AND SOUTHERN RAILROAD (B.N.S.F.R.R.) A DISTANCE OF 809.29 FEET TO THE POINT OF BEGINNING.

CONTAINING 0.47 ACRES.

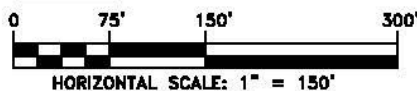
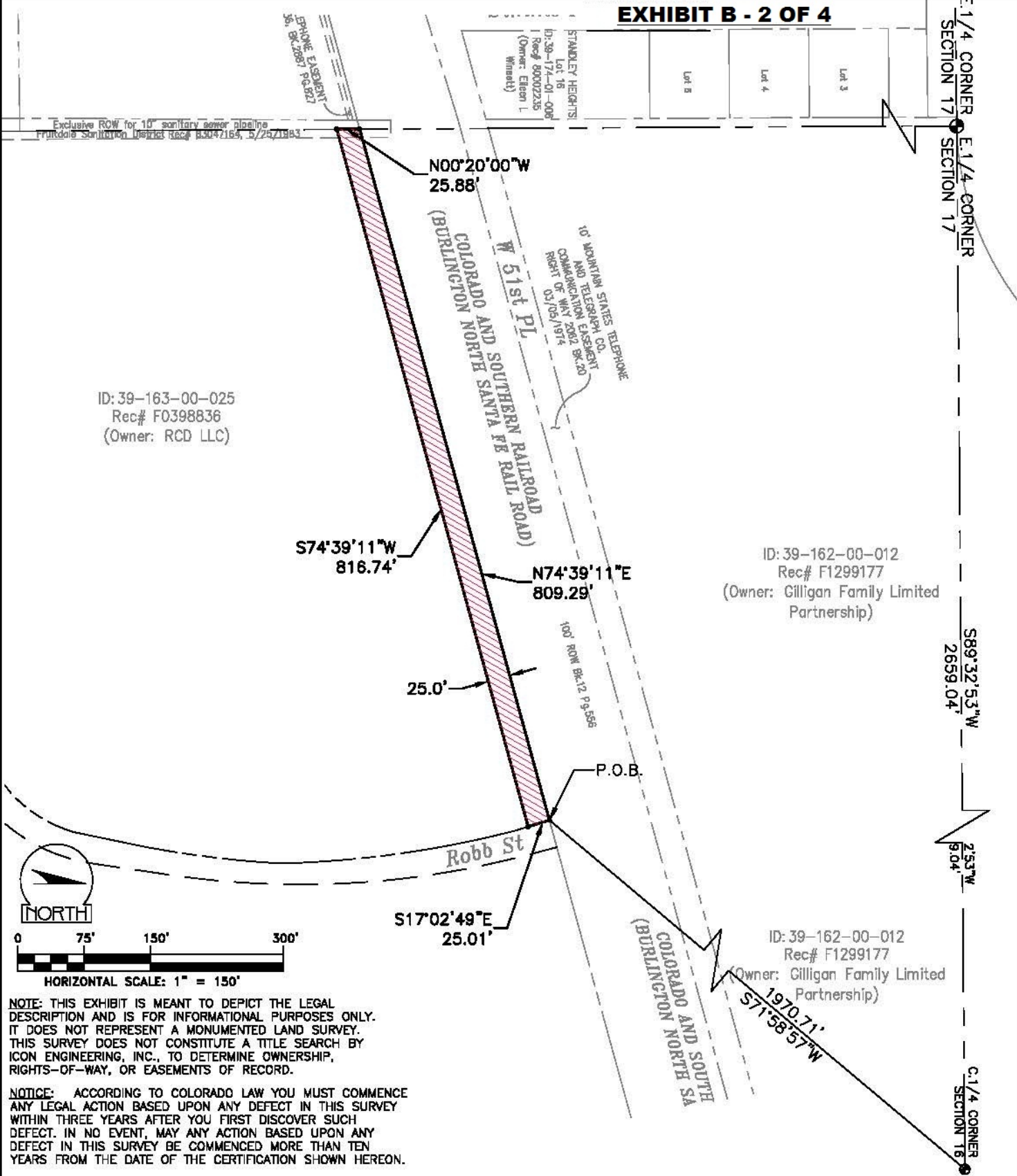
**NOTE:** THIS EXHIBIT IS MEANT TO DEPICT THE LEGAL DESCRIPTION AND IS FOR INFORMATIONAL PURPOSES ONLY. IT DOES NOT REPRESENT A MONUMENTED LAND SURVEY. THIS SURVEY DOES NOT CONSTITUTE A TITLE SEARCH BY ICON ENGINEERING, INC., TO DETERMINE OWNERSHIP, RIGHTS-OF-WAY, OR EASEMENTS OF RECORD.

**NOTICE:** ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT, MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE OF THE CERTIFICATION SHOWN HEREON.

SURVEYED BY:	<b>TEMPORARY CONSTRUCTION EASEMENT</b>   <b>ICON ENGINEERING, INC.</b> <small>800 South Platte Street, Suite 300 Englewood, CO 80122 Phone (303) 221-0602 / Fax (303) 221-1019</small>	CLIENT: <i>UDFCD, CITY OF ARVADA, CITY OF WHEAT RIDGE</i>	JOB NUMBER: 11-023-RRT
DRAWN BY: <i>CR</i>		LOCATION: <i>RIDGE ROAD</i>	FILE NUMBER: EXHIBITS-ESMT_LEGALS.DWG
CHECKED BY:		SECTION <i>16</i> TOWNSHIP <i>3S</i> RANGE <i>69W</i>	SCALE: <i>1" = 100'</i>
DATE:		SIXTH PRINCIPAL MERIDIAN JEFFERSON COUNTY, COLORADO	SHEET: <i>1 of 1</i>




# EXHIBIT B - 2 OF 4



NOTE: THIS EXHIBIT IS MEANT TO DEPICT THE LEGAL DESCRIPTION AND IS FOR INFORMATIONAL PURPOSES ONLY. IT DOES NOT REPRESENT A MONUMENTED LAND SURVEY. THIS SURVEY DOES NOT CONSTITUTE A TITLE SEARCH BY ICON ENGINEERING, INC., TO DETERMINE OWNERSHIP, RIGHTS-OF-WAY, OR EASEMENTS OF RECORD.

NOTICE: ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT, MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE OF THE CERTIFICATION SHOWN HEREON.

SURVEYED BY:	<b>TEMPORARY CONSTRUCTION EASEMENT</b>   <b>ICON ENGINEERING, INC.</b> <small>5000 South Alamo Street, Suite 300, Englewood, CO 80152          Phone: (303) 228-0802 / Fax: (303) 228-1009</small>	CLIENT: <b>UDFCD, CITY OF ARVADA, CITY OF WHEAT RIDGE</b>	JOB NUMBER: <b>11-023-RRT</b>
DRAWN BY: <b>CR</b>		LOCATION: <b>RIDGE ROAD</b>	FILE NUMBER: <b>EXHIBITS-ESMT_LEGALS.DWG</b>
CHECKED BY:		SECTION <b>16</b> TOWNSHIP <b>3S</b> RANGE <b>69W</b>	SCALE: <b>1" = 200'</b>
DATE:		<b>SIXTH PRINCIPAL MERIDIAN</b> <b>JEFFERSON COUNTY, COLORADO</b>	SHEET: <b>1 of 1</b>

**EXHIBIT B - 3 OF 4**

LEGAL DESCRIPTION

A 25 FOOT WIDE STRIP OF LAND SITUATED IN THAT PARCEL WITH RECEPTION NO. F0398836, BEING LOCATED IN THE N.E.1/2 OF THE S.E.1/4 OF SECTION 17, T.3S., R.69W., OF THE 6TH P.M., COUNTY OF JEFFERSON, STATE OF COLORADO, SAID STRIP BEING DESCRIBED AS FOLLOWS:

COMMENCING AT THE C.1/4 CORNER OF SAID SECTION 16, FROM WHENCE THE W.1/4 CORNER OF SAID SECTION 16 BEARS ON A STATE PLANE BEARING OF S89°32'53"W A GROUND DISTANCE OF 2659.04 FEET;

THENCE S71°58'57"W A DISTANCE OF 1970.71 FEET TO THE POINT OF BEGINNING (P.O.B.);

THENCE N74°39'11"E ALONG THE SOUTHERLY R.O.W. LINE OF THE COLORADO AND SOUTHERN RAILROAD (B.N.S.F.R.R.) A DISTANCE OF 31.73 FEET TO THE POINT OF BEGINNING.

THENCE S14°40'13"E A DISTANCE OF 25.00 FEET;

THENCE S74°39'11"W A DISTANCE OF 30.69 FEET;

THENCE N17°02'49"W ALONG THE WEST LINE OF SAID PARCEL 2 DISTANCE OF 25.01 FEET;

CONTAINING **0.0179** ACRES.

**NOTE:** THIS EXHIBIT IS MEANT TO DEPICT THE LEGAL DESCRIPTION AND IS FOR INFORMATIONAL PURPOSES ONLY. IT DOES NOT REPRESENT A MONUMENTED LAND SURVEY. THIS SURVEY DOES NOT CONSTITUTE A TITLE SEARCH BY ICON ENGINEERING, INC., TO DETERMINE OWNERSHIP, RIGHTS-OF-WAY, OR EASEMENTS OF RECORD.

**NOTICE:** ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT, MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE OF THE CERTIFICATION SHOWN HEREON.

SURVEYED BY:	<b>TEMPORARY CONSTRUCTION EASEMENT</b>   <small>800 South Platte Street, Suite 300 Englewood, CO 80122 Phone (303) 221-0602 / Fax (303) 221-1019</small>	CLIENT: <i>UDFCD, CITY OF ARVADA, CITY OF WHEAT RIDGE</i>	JOB NUMBER: 11-023-RRT
DRAWN BY: <i>CR</i>		LOCATION: <i>RIDGE ROAD</i>	FILE NUMBER: EXHIBITS-ESMT_LEGALS.DWG
CHECKED BY:		SECTION <i>16</i> TOWNSHIP <i>3S</i> RANGE <i>69W</i>	SCALE: <i>1" = 100'</i>
DATE:		SIXTH PRINCIPAL MERIDIAN JEFFERSON COUNTY, COLORADO	SHEET: <i>1 of 1</i>

100' ROW Bk.12 Pg.556

N17°02'49"W  
25.01'

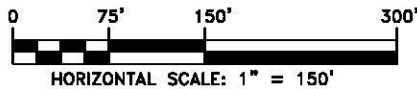
P.O.B.

N74°39'11"E  
31.73'

Robb St

S74°39'11"W  
30.69'S14°40'13"E  
25.00'(BURLINGTON NORTH SANTA FE RAILROAD)  
COLORADO AND SOUTHERN RAILROADID: 39-162-  
Rec# F129  
(Owner: Gilligan  
PartnerS89°32'53"W  
2659.04'PSCo RC  
electric

Bk 18

S71°58'57"W  
1970.71'C 1/4 CORNER  
SECTION 16ID: 39-163-00-025  
Rec# F0398836  
(Owner: RCD LLC)

NOTE: THIS EXHIBIT IS MEANT TO DEPICT THE LEGAL DESCRIPTION AND IS FOR INFORMATIONAL PURPOSES ONLY. IT DOES NOT REPRESENT A MONUMENTED LAND SURVEY. THIS SURVEY DOES NOT CONSTITUTE A TITLE SEARCH BY ICON ENGINEERING, INC., TO DETERMINE OWNERSHIP, RIGHTS-OF-WAY, OR EASEMENTS OF RECORD.

NOTICE: ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT, MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE OF THE CERTIFICATION SHOWN HEREON.

SURVEYED BY:

## TEMPORARY CONSTRUCTION EASEMENT

CLIENT: UDFCD, CITY OF ARVADA,  
CITY OF WHEAT RIDGEJOB NUMBER:  
11-023-RRT

DRAWN BY:

CR

LOCATION: RIDGE ROAD

FILE NUMBER:

CHECKED BY:

EXHIBITS-ESMT\_LEGALS.DWG

DATE:

**ICON**  
ENGINEERING, INC.  
8000 South Platte Street, Suite 300, Englewood, CO 80152  
Phone (303) 681-0802 / Fax (303) 681-1009

SECTION TOWNSHIP RANGE  
16 3S 69W  
SIXTH PRINCIPAL MERIDIAN  
JEFFERSON COUNTY, COLORADO

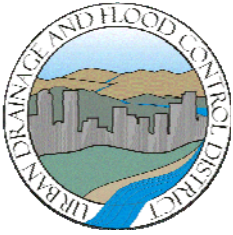
SCALE:

1" = 200'

SHEET:

1 of 1





# URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

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## BOARD OF DIRECTORS MEETING

Date: Thursday, May 16, 2013

Time: 1:00 pm

Catered Lunch – 12:15 pm

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

1. **Call to Order and Pledge of Allegiance – 1:00 pm**
2. **Roll Call – Determination of Quorum**
3. **Introductions**
  - a. Visitors/Guests/Staff
  - b. Awards/Recognitions – Earth Day, Cherry Creek
4. **Approval of April 18, 2013 Meeting Minutes** *(If there are no corrections “Minutes stand approved”, or with corrections “Minutes stand approved as corrected”)*
5. **Comprehensive Annual Financial Report (2012)**
6. **Consent Agenda** *(Consent items are considered routine and will be approved by one motion unless a request is made by a Board Member for removal for further discussion or explanation.)*
  - a. Review of Cash Disbursements
  - b. Authorization to Participate in Drainage and Flood Control Improvements on Fonder Draw at Lightening View Drive, Douglas County  
(Resolution No. 30, Series of 2013)
  - c. Authorization to Participate in Drainage and Flood Control Improvements on North Piney Creek at North Pinery Parkway, Douglas County  
(Resolution No. 31, Series of 2013)
  - d. Authorization to Conduct Research to Benefit the Design, Construction, and Maintenance of Drainage and Flood Control Infrastructure  
(Resolution No. 32, Series of 2013)
7. **Vote on Approval of the Consent Agenda** *(Motion and roll call vote required.)*
8. **Reports/Discussion**
  - a. Executive Director's Report
  - b. FasTracks Summary
  - c. Letter to RTD Board
  - d. Biggert Waters Flood Insurance Reform Act of 2012
9. **Other Business**
10. **Announcements**
  - a. Next Regularly Scheduled Meeting: **Thursday, June 27, 2013**
  - b. No July Board Meeting
11. **Adjournment**



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 30, SERIES OF 2013

(Authorization to Participate in Drainage and Flood Control Improvements  
on Fonder Draw at Lightening View Drive, Douglas County)

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

WHEREAS, Douglas County has enacted floodplain regulations; and

WHEREAS, Douglas County and the District cooperated in the preparation of "Kinney Creek and Fonder Draw Outfall Systems Plan Phase B" dated December 2004; and

WHEREAS, Douglas County has requested District participation in the design, acquisition of right-of-way, and construction along Fonder Draw at Lightening View Drive (Exhibit A); and

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

WHEREAS, the District's participation being authorized by this resolution is \$225,000; and

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

WHEREAS, the District has adopted a Special Revenue Fund–Construction Budget (Resolution No. 51, Series of 2012) for calendar year 2013 subsequent to a public hearing, which includes funds for the design, acquisition of right-of-way, and construction of drainage and flood control improvements along Fonder Draw at Lightening View Drive; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Program (Resolution No. 58, Series of 2012) in which the improvements along Fonder Draw at Lightening View Drive were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with Douglas County for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Fonder Draw at Lightening View Drive.
2. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, qualified contractors, and others as necessary for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Fonder Draw at Lightening View Drive.
3. The District's maximum contribution to the Fonder Draw at Lightening View Drive project, without prior approval of the Board, shall be \$225,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Douglas County.
4. Such approval for expenditure of District funds is contingent upon Douglas County agreeing to regulate and control any defined floodplain in the Fonder Draw at Lightening View Drive project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

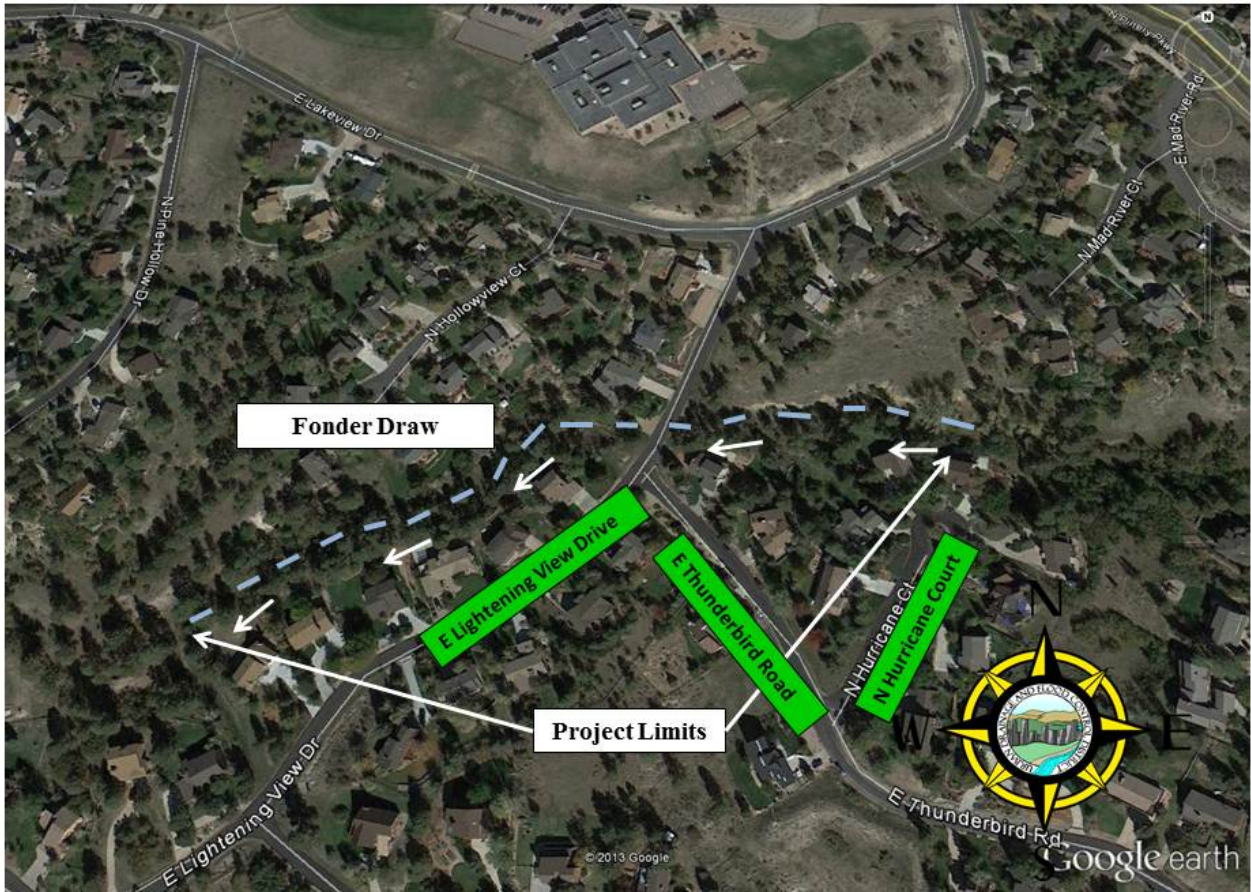
\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 30, SERIES OF 2013

(Authorization to Participate in Drainage and Flood Control Improvements  
on Fonder Draw at Lightning Way, Douglas County)

### EXHIBIT A







# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 31, SERIES OF 2013

(Authorization to Participate in Drainage and Flood Control Improvements  
On North Piney Creek at North Pinery Parkway, Douglas County)

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

WHEREAS, Douglas County has enacted floodplain regulations; and

WHEREAS, Douglas County and the District cooperated in the preparation of “Kinney Creek and Fonders Draw Outfall Systems Planning Phase B”, dated December 2004; and

WHEREAS, Douglas County has requested District participation in the design, acquisition of right-of-way, and construction of improvements along North Piney Creek at North Pinery Parkway (Exhibit A); and

WHEREAS, Douglas County has estimated the total project costs to be \$500,000; and

WHEREAS, the District’s participation being authorized by this resolution is \$225,000; and

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

WHEREAS, the District has adopted a Special Revenue Fund–Construction Budget (Resolution No. 51, Series of 2012) for calendar year 2013 subsequent to a public hearing, which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements along North Piney Creek at North Pinery Parkway; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Program (Resolution No. 58, Series of 2012) in which the improvements along North Piney Creek at North Pinery Parkway were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with Douglas County for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on North Piney Creek at North Pinery Parkway.
2. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, qualified contractors, and others as necessary for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on North Piney Creek at North Pinery Parkway.
3. The District’s maximum contribution to the North Piney Creek at North Pinery Parkway project, without prior approval of the Board, shall be \$225,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Douglas County.
4. Such approval for expenditure of District funds is contingent upon Douglas County agreeing to regulate and control any defined floodplain in the North Piney Creek at North Pinery Parkway project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District’s approval.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 31, SERIES OF 2013

(Authorization to Participate in Drainage and Flood Control Improvements  
On North Piney Creek at North Piney Parkway, Douglas County)

### EXHIBIT A





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 32, SERIES OF 2013

(Authorization to conduct research to benefit the design, construction, and maintenance of drainage and flood control infrastructure)

WHEREAS, the Board of Directors each year adopts a budget for CIP improvements and for the maintenance of drainage and flood control facilities within the District which is typically greater than \$20 million; and

WHEREAS, alternative design concepts, construction methods, and maintenance techniques can result in large savings in CIP improvements and maintenance of drainage and flood control facilities over time; potentially saving millions of dollars; and

WHEREAS, alternative design concepts, construction methods, and maintenance techniques are generally untested and therefore require laboratory research, field research, and pilot project installations to determine the soundness and applicability of each concept with specific regard to the District's regional climate and geology; and

WHEREAS, the 2013 estimated cost for research targeted specifically toward benefitting CIP improvements and the maintenance of drainage and flood control facilities within the District is estimated at \$125,000; and

WHEREAS, the Board has adopted the 2013 Work Program (Resolution 57, Series of 2012) which includes this research; and these funds have now been budgeted in 2013 for this work.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with qualified partners and consultants to assist the District in research to benefit the design, construction, and maintenance of drainage and flood control infrastructure.
2. The expenditure for this work in 2013 shall not exceed \$125,000 without further authorization from the Board.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson







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

**April 18, 2013**

**MINUTES**

**Members Present:**

Marsha Berzins, Mayor Pro Tem, City of Aurora  
Debbie Brinkman, Mayor, City of Littleton  
Faye Griffin, Commissioner, Jefferson County  
Mark Hunter, Engineer  
Peggy Lehmann, Council Member, City/County of Denver  
Paul Lopez, Council Member, City/County of Denver  
Nancy McNally, Mayor, City of Westminster  
Lisa Morzel, Deputy Mayor, City of Boulder  
Dave Sellards, Engineer  
Nancy Sharpe, Commissioner, Arapahoe County  
Greg Stokes, Mayor Pro Tem, City/County of Broomfield  
Mary Beth Susman, Council Member, City/County of Denver  
Charles (Chaz) Tedesco, Commissioner, Adams County  
Heidi Williams, Mayor, City of Thornton  
Rachel Zenzinger, Mayor Pro Tem, City of Arvada

**Members Absent:**

Joyce Downing, Mayor, City of Northglenn  
Deb Gardner, Commissioner, Boulder County  
Cary Kennedy, Deputy Mayor, City/County of Denver  
Bonnie McNulty, Mayor, City of Edgewater  
Bob Muckle, Mayor, City of Louisville  
Bob Murphy, Mayor, City of Lakewood  
Stephanie Piko, Mayor Pro Tem, City of Centennial  
Jill Repella, Commissioner, Douglas County

**UDFCD Staff Present:**

Paul Hindman	Executive Director
Ed Krisor	Legal Counsel
Julia Bailey	Project Engineer, Information Systems & Flood Warning
Dave Bennetts	Manager, Design, Construction, and Maintenance
Richard Borchardt	Senior Project Engineer, Design, Construction, and Maintenance
Joanna Czarnecka	Construction Manager, Design, Construction, and Maintenance
Barbara Chongtouw	Senior Project Engineer, Design, Construction, and Maintenance
Amelia Deleon	Administrative Services Manager
Frank Dobbins	Director, Finance and Accounting
Terri Fead	Project Engineer, Floodplain Management
Bryan Kohlenberg	Senior Project Engineer, Design, Construction, and Maintenance
Laura Kroeger	Assistant Manager, Design, Construction, and Maintenance
David Mallory	Senior Project Engineer, Floodplain Management
Ken McKenzie	Manager, Master Planning
Holly Piza	Senior Project Engineer, Master Planning
David Skuodas	Project Engineer, Design, Construction, and Maintenance
Shea Thomas	Senior Project Engineer, Master Planning

**Others Present:**

Amy Schnieder                      Denver Botanic Gardens

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

2. **Roll Call – Determination of Quorum**  
Roll was called and a quorum was declared present.

3. **Introductions**

a. **Visitors/Guests/Staff**

Mr. Hindman introduced the following guests:

- Amy Schneider with Denver Botanic Gardens.

b. **Awards/Recognitions**

There were no awards or recognitions for this month's board meeting.

4. **Board approval of March 18, 2013 Meeting Minutes**

Mayor Williams moved to approve the March 18, 2013 minutes. The minutes were approved as submitted.

The Board of Director's Secretary, Mayor Downing, was not able to attend this month's meeting. A motion was made by Council Member Susman and seconded by Mayor Brinkman to appoint Mayor Williams as acting Secretary for this month's board meeting. A voice vote was called for and the motion passed unanimously.

5. **Consent Agenda**

a. **Review of Cash Disbursements**

Cash Disbursement list dated March and April 2013 had been distributed to the Board for review. There being no further comments or questions, it was the consensus of the Board to include approval of the Cash Disbursements on the Consent Agenda.

b. **Authorization to Participate in Drainage and Flood Control Improvements on Little Dry Creek at Tufts Avenue, City of Cherry Hills Village, Arapahoe County (Resolution No. 23, Series of 2013)**

This is a joint project with the City of Cherry Hills Village. The City of Cherry Hills Village desires to design, acquire right-of-way, and construct improvements along Little Dry Creek at Tufts in accordance with the "Little Dry Creek (ARAPCO) Watershed Downstream Portions Major Drainageway Planning Study", dated August 2004. The project includes improvements to stabilize the channel including drop structures and bank protection.

Easement and right-of-way acquisition will be included in the project costs. The District is administering the design with Icon Engineering Company. The District and the City of Cherry Hills Village have identified \$40,000 in initial project costs for the design with the District's participation being \$20,000. Construction is anticipated in 2015.

Resolution No. 23 authorizes \$20,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Cherry Hills Village for the design, acquisition of right-of-way, and construction of the drainage elements of the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 23, on the Consent Agenda.

c. **Additional Authorization to Participate in Drainage and Flood Control Improvements on Little Creek at West Lake Avenue, City of Littleton, Arapahoe County (Resolution No. 24, Series of 2013)**

This is a joint project with the City of Littleton. The first phase of the project was designed by Muller Engineering and constructed in 2010. The second phase is now underway with Muller Engineering working on the final design under contract with the District. The drainage elements of the project include installation of larger drainage crossings of Lake Avenue, Parkhill Avenue, and Crocker Streets and the associated channel improvements. The City of Littleton already holds the necessary easements and right-of-way where the project will be carried out.

The District and the City of Littleton have identified \$2,310,000 in total project costs with the District's participation being \$1,055,000 and the City of Littleton's participation being \$1,255,000. The previous authorizations (Resolution No. 69, Series of 2012; Resolution No. 43, Series of 2012; Resolution No. 80, Series of 2009; Resolution No. 31 Series of 2009; and Resolution No. 48, Series of 200) totaled \$925,000 to fund design of both phases, construction of Phase 1, and partially fund construction of Phase 2. Construction is anticipated in 2013.

Resolution No. 24 authorizes an additional \$130,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Littleton for the construction of the drainage elements of the project.

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

**d. 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. 25, Series of 2013)**

This is a joint project with City of Lakewood. The District is currently administering the preliminary plan (OSP Update) being done by Muller Engineering. Once this phase is complete they will move on to final design. The preliminary plan involves laying out a 100-yr drainageway system to remove several businesses from the floodplain. Ultimately the existing underground system will be removed and flows placed overland in an enhanced local greenway similar to the upstream channel through the Wal Mart redevelopment area.

Easement and right-of-way acquisition is included in the project costs.

The District and City of Lakewood have identified \$2,050,000 in total project costs with the District's participation being \$1,025,000. The previous authorizations (Resolution No. 65, Series 2008 and Resolution No. 42, Series 2011) totaled \$1,100,000 (\$550,000 District, \$550,000 City of Lakewood) to fund design, acquisition of right-of-way and construction. It is anticipated that additional monies for right-of-way and construction will be added next year. Phased construction could begin as early as 2015.

Resolution No. 25 authorizes an additional \$475,000 of District funds from the Special Revenue Fund - Construction to at least be matched by City of Lakewood for the design, acquisition of right-of-way, and construction of the drainage elements of the project.

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

**e. Authorization for a Planning Study of Big Dry Creek (Resolution No. 26, Series of 2013)**

In 2010, SEMSWA requested a master plan for Big Dry Creek within Arapahoe County. In 2011, Greenwood Village agreed to participate as a funding sponsor as well. Neither Englewood nor Littleton are contributing financially to the study, though a portion of the watershed lies within those jurisdictions.

The watershed was previously studied by the District, Arapahoe County, Douglas County, Englewood, Greenwood Village and Littleton in the "Big Dry Creek (ArapCo) & Tributaries Major Drainageway Planning" study, dated April 1998 and conducted by WRC Engineering, Inc.

The previous study recommended acquiring properties currently in the floodplain, which is no longer a desirable option to SEMSWA. Also, the previous study did not address water quality in the watershed.

A new Flood Hazard Area Delineation (FHAD) will also be completed for this watershed.

The total master planning and FHAD costs are projected to be \$200,000 and \$50,000, respectively. The local sponsors will contribute \$100,000. Resolution No. 26 authorizes the expenditure of the District's share not to exceed \$150,000 plus interest earned in the project's trust and agency account.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 26, on the Consent Agenda.

**f. Authorization for a Planning Study of Senac Creek  
(Resolution No. 27, Series of 2013)**

In 2009, the City of Aurora requested a major drainageway planning study for Senac Creek and the Aurora Reservoir watershed and SEMSWA agreed to participate as a funding sponsor as well.

The watershed was previously studied by the District, the City of Aurora and Arapahoe County in the "Upper Sand Creek Basin Outfall Planning Study", dated August 1990 and conducted by Kiowa Engineering Corp. The Aurora Reservoir was constructed and filled shortly after the study, so recommendations along the Senac Creek drainageway are no longer valid. Aurora and SEMSWA would like to re-evaluate the needs along the drainageway in order to adequately incorporate improvements as development occurs.

The baseline hydrology has already been determined as part of the ongoing Sand Creek (Colfax to Yale) Major Drainageway Plan and the floodplain has been delineation in a separate FHAD.

The total master planning costs are projected to be \$180,000 with the local sponsors contributing \$90,000. Resolution No. 27 authorizes the expenditure of the District's share not to exceed \$90,000 plus interest earned in the project's trust and agency account.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 27, on the Consent Agenda.

**g. Acceptance of Globeville-Utah Junction Watershed Planning Study  
(Resolution No. 28, Series of 2013)**

Resolution 23 of 2011 authorized an outfall systems planning (OSP) study for the Globeville and Utah Junction watershed, for which the District partnered with the City and County of Denver and Adams County.

This study redefined the watershed boundary for this area as compared to previous studies. Two-dimensional modeling was used to determine the 100-year flow direction and as a result it was determined that a larger amount of flow than previously was determined is entering Huron Pond – a facility in which the District has invested funds in the past. Thus, it has been concluded that Huron Pond is undersized.

The ASARCO redevelopment covers a large area within the watershed. Coordination with the developer of that ensured this master plan will properly serve all interests in the watershed.

Improvements recommended in the study include:

- Three new detention ponds: Inca St. in Sunnyside (45 ac-ft); 49th and Grant St. (9 ac-ft); 58th and Franklin St. (40 ac-ft)
- New and upsized storm sewer network
- New or upsized outfalls in 48th Avenue, 51st Avenue, 54th Avenue and 58th Avenue
- Water quality provided in the new detention ponds

Resolution 28 accepts the report and recommends the improvements and practices in the report be used as a guide in future public works projects and in land development activities.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 28, on the Consent Agenda.

**6. Vote on Approval of the Consent Agenda**

It was the consensus of the Board that Resolutions No. 23, 24, 25, 26, 27, and 28, Series of 2013, and Cash Disbursements dated March and April 2013 be placed on the Consent Agenda. Council Member Lopez moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

**7. Executive Session – FasTracks Construction Easement**

It was moved and seconded at 1:45 p.m. that the Board move into an Executive Session to discuss the FasTracks Construction Easement. The Executive Session concluded at 1:55 p.m.

Upon conclusion of the Executive Session, it was moved by Deputy Mayor Morzel and seconded by Council Member Lehmann to approve Resolution No. 29 “Authorization to Utilize the Powers of Eminent Domain in Regard to the Acquisition of a Temporary Construction Easement from RCD, LLC”. Upon a roll call vote the motion was passed unanimously with Mayor Pro Tem Zenzinger abstaining.

**8. Reports/Discussion**

**a. Executive Director’s Report**

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

One of the topics discussed was the issue of RTD filing to condemn a portion of property held by the District. Although the matter appears that it will be resolved amicably, the process involved a lot of unnecessary staff and legal counsel time. The overall consensus of the Board was that this was a common theme when working with RTD. Mr. Dave Sellards recommended that Executive Director Hindman contact RTD’s Executive Director, Phil Washington, to discuss the matter. The Board directed Mr. Hindman to draft a letter on behalf of the UDFCD Board to the RTD Board members and Executive Director Washington, concerning this issue. With the help of legal counsel, Mr. Hindman will craft a letter to be signed by Chair, Mayor McNally and Mr. Hindman.

**9. Other Business**

None.

**10. Announcements**

Mayor McNally reminded everyone that the next board meeting is scheduled for Thursday, May 16, 2013. It was also mentioned that the June Board meeting conflicts with the Annual Colorado Municipal League (CML) Conference. It was the consensus of the Board to move the Board of Directors meeting to the following Thursday, June 27<sup>th</sup>.

**11. Adjournment**

Mayor McNally adjourned the meeting at 2:10 pm.

# Executive Director's Report

Submitted by: Paul A. Hindman

April 17, 2013

## Administrative

Our new SIRE document management program is being installed next week. As you know, we have done a lot of leg work leading up to this and are very excited about getting it rolling. We are optimistic it will suit our needs and be a valuable tool for the District.

## Program

### RTD – Right of Way (ROW)

Our Board policy is not to own any property or easement for projects we assist with. The policy is for local governments to hold either a drainage easement or possess the property outright. However, there have been a few cases where through varied circumstances the District ends up possessing the property. A couple of these properties are in Adams County along Little Dry Creek. RTD's new rail line is proposed in the location of these two properties; therefore, an easement will need to be granted to them. We are in agreement with the need and don't see any problems provided that the drainage functions are maintained. An issue has developed because RTD has hired a law firm to facilitate obtaining their required ROW and they don't seem to be in a cooperative manner. They have filed for condemnation without responding to our repeated requests to work out an agreement granting them an easement. In short, RTD's law firm hasn't talked with Ed Krisor, UDFCD legal counsel, despite our willing to cooperate. The deadline for the court hearing was 4/12/13 so I have instructed Ed to file a motion to dismiss, which he did last Friday. This action, we hope, will result in them agreeing to discuss the easement with us. I have kept Chair Nancy McNally informed of the process.

## Finance

CDs and T-Bills are still down; however, we did gain some insight as to why interest rates have continued to be low and why our bank (US Bank) will not sell us CDs. First, all investments are required to be fully collateralized. Along with this they are required by FDIC to get insurance on all deposits which amount to a cost of 0.13%. So right off the top, they have to get a return of more than 0.13% or they lose money. Another major constraint is referred to as the Basel requirement of all deposits must be able to come due in 30 days. With these constraints as well as others, US Bank has decided not to offer us any CD's for investment. As a result, we have most of our investment funds at Colorado Business Bank.

## State and Federal Government Advocacy

I just got back last night from Washington DC. I was there for the annual APWA Water Resource meeting of which I chair. We met with EPA concerning the upcoming stormwater rules, the Corps of Engineers concerning 404 permitting, Congressman Gibbs (Chair, Water Resources & Environment Subcommittee) to discuss reauthorization of WRDA, and Senator Bennett and Congressman Coffman to discuss WRDA and several other Colorado-related issues. These face-to-face encounters are always beneficial to both parties.

## Personal

As some of you know, my wife Claudia is a CPA and last Monday, April 15, was a day of celebration in our house. She made it another year and as usual, she has had her share of stressful encounters. I've put together my top five comments she has made to me over the past couple of months that I'm sure you will enjoy. I hope none of these describe your actions with your tax preparer.

### Claudia's Top Five Comments during Tax Season 2013

*"How do they expect me to figure out their taxes when they only give me half of their information? Should I make it up?"*

*"Personal business taxes are not that complicated, you just have to pay them."*

*"You can't deduct your personal car if you didn't use it for business."*

*"Getting an extension doesn't mean you get to wait to pay your taxes."*

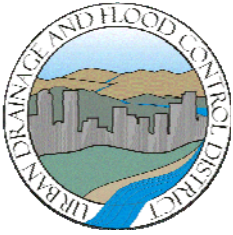
And my all-time favorite, *"I just report the tax law, I don't make it up. Don't shoot the messenger!"*

**Happy Tax Day!**



If you have any question or comments let me know. I can be reached at 303-455-6277 or on my cell phone at 303-919-2932.





# URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

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## BOARD OF DIRECTORS MEETING

Date: Thursday, August 15, 2013

Time: 1:00 pm

Catered Lunch – 12:15 pm

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

1. **Call to Order and Pledge of Allegiance – 1:00 pm**
2. **Roll Call – Determination of Quorum**
3. **Introductions**
  - a. Visitors/Guests/Staff
  - b. District Wall Art
4. **Approval of May 16, 2013 Meeting Minutes** (*If there are no corrections "Minutes stand approved", or with corrections "Minutes stand approved as corrected"*)
5. **Consent Agenda** (*Consent items are considered routine and will be approved by one motion unless a request is made by a Board Member for removal for further discussion or explanation.*)
  - a. Review of Cash Disbursements
  - b. Authorization to Participate in Drainage and Flood Control Improvements along Happy Canyon Creek at Interstate 25, Douglas County (Resolution No. 33, Series of 2013)
  - c. Additional Authorization to Participate in Drainage and Flood Control Improvements on First Creek Detention Upstream of I-70, City of Aurora, Arapahoe County (Resolution No. 34, Series of 2013)
  - d. Additional Authorization to Participate in Drainage and Flood Control Improvements on Nissen Reservoir Drainageway (Basin 3207) at Lowell Boulevard, City and County of Broomfield (Resolution No. 35, Series of 2013)
  - e. Authorization for a Planning Study of Boulder Creek (Resolution No. 36, Series of 2013)
6. **Vote on Approval of the Consent Agenda** (*Motion and roll call vote required.*)
7. **Reports/Discussion**
  - a. Executive Director's Report
  - b. Dominico Condemnation Update
8. **Other Business**
9. **Announcements**
  - a. Next Regularly Scheduled Meeting: **Thursday, September 19, 2013**
10. **Adjournment**





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

**May 16, 2013**

**MINUTES**

**Members Present:**

Marsha Berzins, Mayor Pro Tem, City of Aurora  
Debbie Brinkman, Mayor, City of Littleton  
Faye Griffin, Commissioner, Jefferson County  
Cary Kennedy, Deputy Mayor, City/County of Denver  
Peggy Lehmann, Council Member, City/County of Denver  
Nancy McNally, Mayor, City of Westminster  
Bonnie McNulty, Mayor, City of Edgewater  
Lisa Morzel, Deputy Mayor, City of Boulder  
Stephanie Piko, Mayor Pro Tem, City of Centennial  
Dave Sellards, Engineer  
Nancy Sharpe, Commissioner, Arapahoe County  
Charles (Chaz) Tedesco, Commissioner, Adams County  
Heidi Williams, Mayor, City of Thornton  
Rachel Zenzinger, Mayor Pro Tem, City of Arvada

**Members Absent:**

Joyce Downing, Mayor, City of Northglenn  
Deb Gardner, Commissioner, Boulder County  
Mark Hunter, Engineer  
Paul Lopez, Council Member, City/County of Denver  
Bob Muckle, Mayor, City of Louisville  
Bob Murphy, Mayor, City of Lakewood  
Jill Repella, Commissioner, Douglas County  
Greg Stokes, Mayor Pro Tem, City/County of Broomfield  
Mary Beth Susman, Council Member, City/County of Denver

**UDFCD Staff Present:**

Paul Hindman	Executive Director
Ed Krisor	Legal Counsel
Julia Bailey	Project Engineer, Information Systems & Flood Warning
Dave Bennetts	Manager, Design, Construction, and Maintenance
Richard Borchardt	Senior Project Engineer, Design, Construction, and Maintenance
Joanna Czarnecka	Construction Manager, Design, Construction, and Maintenance
Barbara Chongtoua	Senior Project Engineer, Design, Construction, and Maintenance
Amelia Deleon	Administrative Services Manager
Frank Dobbins	Director, Finance and Accounting
Terri Fead	Project Engineer, Floodplain Management
Bryan Kohlenberg	Senior Project Engineer, Design, Construction, and Maintenance
Laura Kroeger	Assistant Manager, Design, Construction, and Maintenance
Ken McKenzie	Manager, Master Planning
Holly Piza	Senior Project Engineer, Master Planning
David Skuodas	Project Engineer, Design, Construction, and Maintenance

**Others Present:**

None.

**How the Districts Works – Funds**

Mr. Hindman conducted a presentation on how the District is funded.

1. **Call to Order and Pledge of Allegiance – 1:00 p.m.**  
Mayor McNally called the meeting to order at 1:00 p.m.
2. **Roll Call – Determination of Quorum**  
Roll was called and a quorum was declared present.
3. **Introductions**
  - a. **Visitors/Guests/Staff**  
Mr. Bennetts introduced the following guests:
    - Kevin Lewis with the City and County of Denver (CCD), Public Works.
  - b. **Awards/Recognitions**  
Fourmile House Volunteer Project - April 20<sup>th</sup> Earth Day  
Mr. Bennetts introduced Kevin Louis, with the CCD Public Works Department, who was instrumental in accomplishing the Fourmile House volunteer effort. This project was coordinated through several entities, including Great Outdoors Colorado, CCD, Valles Construction, and the District. The project included the following accomplishments:
    - Restoration of approximately 40 lf of bank
    - Four soil lifts (star stepped) created
    - 725 plants installed

This volunteer project cost the District \$18,511 with a volunteer savings of \$25,000. Due to the success of this project, Mr. Bennetts will be working with Mr. Louis to coordinate an Earth Day event for next year.
4. **Board approval of April 18, 2013 Meeting Minutes**  
Council Member Lehmann moved to approve the April 18, 2013 minutes. The minutes were approved as submitted.
5. **Comprehensive Annual Financial Report (2012)**  
The 2012 Comprehensive Annual Financial Report was distributed to the Board for their review. Mr. Hindman stated that if anyone had questions regarding the document, to contact Frank Dobbins, our Finance and Accounting Manager.  
  
The Board of Director's Secretary, Mayor Downing, was not able to attend this month's meeting. A motion was made by Deputy Mayor Morzel and seconded by Mayor Pro Tem Piko to appoint Mayor Williams as acting Secretary for this month's board meeting. A voice vote was called for and the motion passed unanimously.  
  
Mayor McNally informed the board that based on the last DRCOG census; the City of Boulder would no longer have a de facto position on the board. Concurrent with this discovery, the Mayor of Louisville resigned from the board due to the fact that it was difficult for him to attend the UDFCD board meetings. Therefore, to fulfill the Boulder County term, the Governor appointed the Mayor Pro Tem of Boulder to be the Boulder County Representative on the District board.
6. **Consent Agenda**
  - a. **Review of Cash Disbursements**  
Cash Disbursement list dated April and May 2013 had been distributed to the Board for review. There being no further comments or questions, it was the consensus of the Board to include approval of the Cash Disbursements on the Consent Agenda.
  - b. **Authorization to Participate in Drainage and Flood Control Improvements on Fonder Draw at Lightening View Drive, Douglas County (Resolution No. 30, Series of 2013)**  
This is a joint project with Douglas County. Douglas County desires to design and construct improvements along Fonder Draw at Lightening View Drive, Douglas County in accordance with the "Kinney Creek and Fonder Draw Outfall Systems Plan Phase B,"

dated December 2004. The project includes improvements to Fonder Draw at Lightening View Drive.

Easement and right-of-way acquisition will be included in the project costs. Douglas County is administering the design with Enginuity Engineering Company. The District and Douglas County desire to construct the improvements which will be managed by Enginuity.

The District and Douglas County have identified \$550,000 in total project costs for the design, and construction with the District's participation being \$225,000 in 2013 funds. Construction is anticipated in 2014-2015.

Resolution No. 30 authorizes \$225,000 of District funds from the Special Revenue Fund - Construction to at least be matched by Douglas County for the design, acquisition of right-of-way, and construction of the drainage elements of the project

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 30, on the Consent Agenda.

**c. Authorization to Participate in Drainage and Flood Control Improvements on North Piney Creek at North Pinery Parkway, Douglas County (Resolution No. 31, Series of 2013)**

This is a joint project with Douglas County. Douglas County desires to design and construct improvements along North Piney Creek at North Pinery Parkway in accordance with the "Kinney Creek and Fonders Draw Outfall Systems Planning Phase B," dated December 2004. The project includes improvements to North Piney Creek at North Pinery Parkway in Douglas County.

Easement and right-of-way acquisition will be included in the project costs. Douglas County is administering the design with ICON Engineering Company. The District and Douglas County have identified \$500,000 in project costs for the design and construction with the District's participation being \$225,000 in 2013 funds. Construction is anticipated in 2014-2015.

Resolution No. 31 authorizes \$225,000 of District funds from the Special Revenue Fund - Construction to at least be matched by Douglas County for the design and construction of the drainage elements of the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 31, on the Consent Agenda.

**d. Authorization to Conduct Research to Benefit the Design, Construction, and Maintenance of Drainage and Flood Control Infrastructure (Resolution No. 32, Series of 2013)**

This resolution authorizes \$120,500 for targeted collaborative research. Alternative design concepts, construction methods, and maintenance techniques can result in large savings in CIP improvements and maintenance of drainage and flood control facilities over time.

In collaboration with qualified partners and consultants, the District will conduct research to benefit the design, construction, and maintenance of drainage and flood control infrastructure.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 32, on the Consent Agenda.

**7. Vote on Approval of the Consent Agenda**

It was the consensus of the Board that Resolutions No. 30, 31, and 32, Series of 2013, and Cash Disbursements dated April and May 2013 be placed on the Consent Agenda. Mayor Brinkman moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

**8. Reports/Discussion**

**a. Executive Director's Report**

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

**b. FasTracks Summary**

The RTD FasTracks projects have crossed numerous drainages which were reviewed by the Manager of the District's Floodplain Management Program, Bill DeGroot. Mr. DeGroot provided the Board with a summary of each of the corridors that involved District collaboration. Mr. DeGroot also discussed each Corridors' drainage issues and how they were resolved. All FasTracks corridors required attendance at numerous meetings as well as the review of several technical reports and EISs. Mayor McNally mentioned that the District is the only constant amongst all of the corridors and through this effort, has saved the taxpayers millions of dollars.

**c. Letter to RTD Board**

Per the request of the board at last month's meeting, Mr. Hindman drafted a letter on behalf of the UDFCD Board to the RTD Board Members and Executive Director Washington concerning cooperative efforts and establishing better communication protocols between our two organizations. A draft of the letter was provided to each of our Board Members for review. Mayor McNally stated that the letter has been signed today and will be distributed next week. Mr. Hindman will also contact Executive Director Washington to discuss the matter prior to sending out the letter.

**d. Biggert Waters Flood Insurance Reform Act of 2012**

Mr. Hindman stated that the Biggert Waters Flood Insurance Reform Act of 2012 was passed and we have already started to see its effects. When the Flood Insurance Plan was implemented in the 70s, the government decided to subsidize the properties that were already in the floodplain. The Biggert Waters Act removes those subsidies; therefore, putting those homes back up to original rates. Other negative impacts of the act include:

- Homeowners that let their insurance lapse by even one day will risk losing their subsidized status
- New homeowners of pre-FIRM structures will no longer be subsidized

The U.S. Congress is currently reconsidering the impact that the Biggert Waters Flood Insurance Reform Act of 2012 is having on flood insurance rates.

**9. Other Business**

None.

**10. Announcements**

Mr. Hindman stated that due to lack of resolutions and agenda topics, the District would like to propose cancelling next month's board meeting. Mayor McNally asked the board if they had any issues cancelling next month's meeting. It was the consensus of the Board to cancel the June 27<sup>th</sup> meeting. There being no meeting in July, the next Board of Directors meeting will take place on August 15<sup>th</sup>. Mayor McNally directed Ms. Deleon to send out a notice of the cancellation.

**11. Adjournment**

Mayor McNally adjourned the meeting at 2:10 pm.



# Executive Director's Report

Submitted by: Paul A. Hindman

May 15, 2013

## Administrative

Last year, we began an effort to have some of our projects professionally photographed and framed to display throughout the office. With the lack of precipitation last spring, we didn't feel the photographs would portray the beauty and functionality of the projects, so the project was put on hold until the following spring. Some of the projects on this list include:

- George Wallace Park – Denver
- Utah Park – Aurora
- Babi Yar Park - Denver

## Program

We are hiring a couple of summer interns to assist our Master Planning program in capturing some historical data concerning old master plans and putting that data into our new tracking system. They will also be helping us with our water quality research efforts.

## Finance

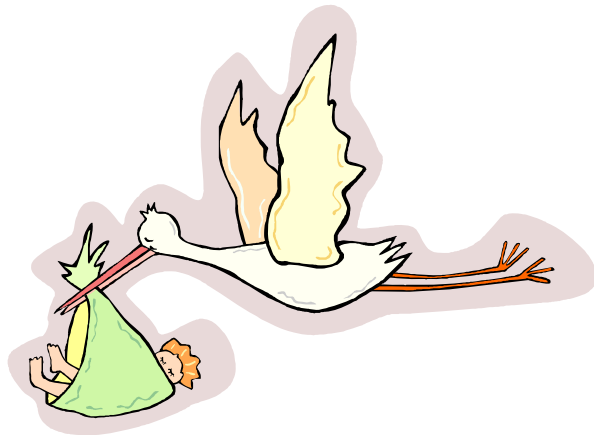
In last month's finance update, I mentioned that the only bank providing the District with quotes on CDs for investing our excess funds was Colorado Business Bank. Wells Fargo is now quoting us rates, which indicates that the banking industry is starting to get back into offering our types of fully collateralized investments.

## State and Federal Government Advocacy

The State legislature passed SB-023 that raised the governmental immunity limit from \$150,000 to \$350,000 for injury to one person and from \$600,000 to \$900,000 for injury to two or more persons. Since the District's inception, I don't believe we have reached the limit on any one lawsuit, but Ed Krisor may remember differently. In any event, this change won't affect our budget; I just want to make the Board aware of the change.

## Personal

I will get to celebrate a new holiday next year, National Grandparent's Day on September 7, 2014. Yes my daughter and son-in-law are expecting in November. Some of you already know the joy of being a grandparent. Claudia and I are very excited and are ready to buy out Toy's"R"Us!



If you have any question or comments let me know. I can be reached at 303-455-6277 or on my cell phone at 303-919-2932.



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 33, SERIES OF 2013

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

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

WHEREAS, Douglas County has enacted floodplain regulations; and

WHEREAS, Douglas County and the District participated in a joint planning study titled "Happy Canyon Creek Outfall Systems Planning Study Preliminary Design Report," dated August 1993, by Kiowa Engineering Corporation"; and

WHEREAS, Douglas County has requested District participation in the design, acquisition of right-of-way, and construction of improvements along Happy Canyon Creek at Interstate 25 (Exhibit A); and

WHEREAS, Douglas County has estimated the total project costs to be \$450,000; and

WHEREAS, the District's participation being authorized by this resolution is \$225,000; and

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

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget (Resolution No. 51, Series of 2012) for calendar year 2013 subsequent to a public hearing, which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements along Happy Canyon Creek at Interstate 25; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 58, Series of 2012), in which the improvements along Happy Canyon Creek at Interstate 25 were included.

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

1. The Executive Director is authorized to execute the necessary agreements with Douglas County for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Happy Canyon Creek at Interstate 25.
2. The Executive Director is authorized to enter into an agreement(s) with qualified engineers, qualified contractors, and others as necessary for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Happy Canyon Creek at Interstate 25.
3. The District's maximum contribution to the Happy Canyon Creek at Interstate 25 project, without prior approval of the Board, shall be \$225,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Douglas County.
4. Such approval for expenditure of District funds is contingent upon Douglas County agreeing to regulate and control any defined floodplain in the Happy Canyon Creek at Interstate 25 project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

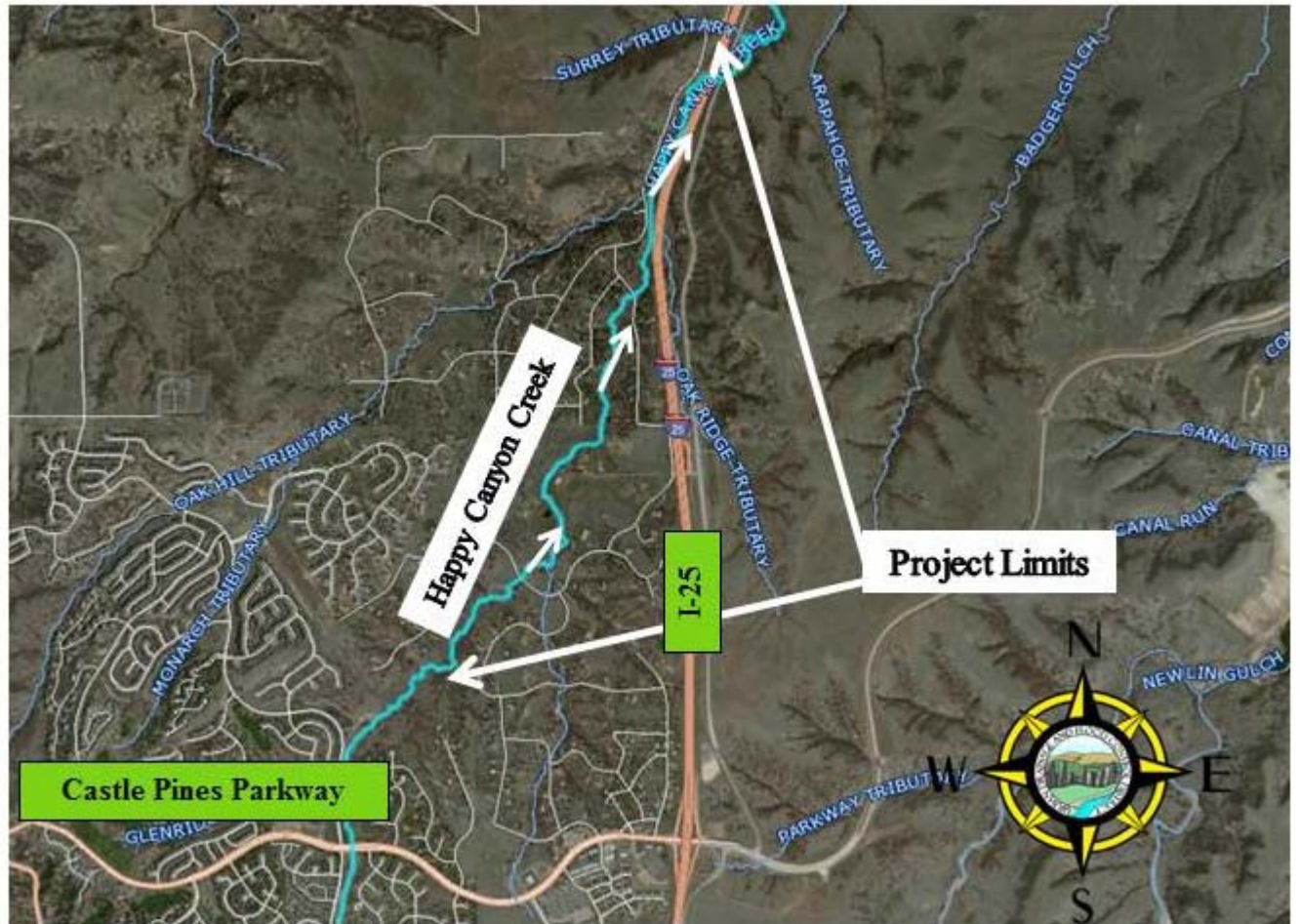
\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 33, SERIES OF 2013

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

### EXHIBIT A







# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 34, SERIES OF 2013

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

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

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

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

WHEREAS, the Board previously authorized (Resolution No. 32, Series of 2012; Resolution No. 18, Series of 2011; Resolution No. 50, Series of 2010; and Resolution No. 58, Series of 2009) \$1,050,000 for design, acquisition of right-of-way, and construction of improvements along First Creek Detention upstream of I-70 (Exhibit A); and

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

WHEREAS, the City of Aurora and the District have estimated the additional project costs to be \$840,000, resulting in a revised total project cost of \$2,940,000 (District \$1,470,000; Aurora \$1,470,000); and

WHEREAS, the District's additional participation being authorized by this resolution is \$420,000; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget (Resolution No. 51, Series of 2012) for calendar year 2013 subsequent to a public hearing, which includes funds for construction of drainage and flood control improvements along First Creek Detention upstream of I-70; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 58, Series of 2012), in which the improvements along First Creek Detention upstream of I-70 were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 58, Series of 2009, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the First Creek Detention upstream of I-70 project without, prior approval of the Board, shall be ~~\$1,050,000~~ **\$1,470,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Aurora."
2. All other conditions and authorizations remain as stated in Resolution No. 58, Series of 2009.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

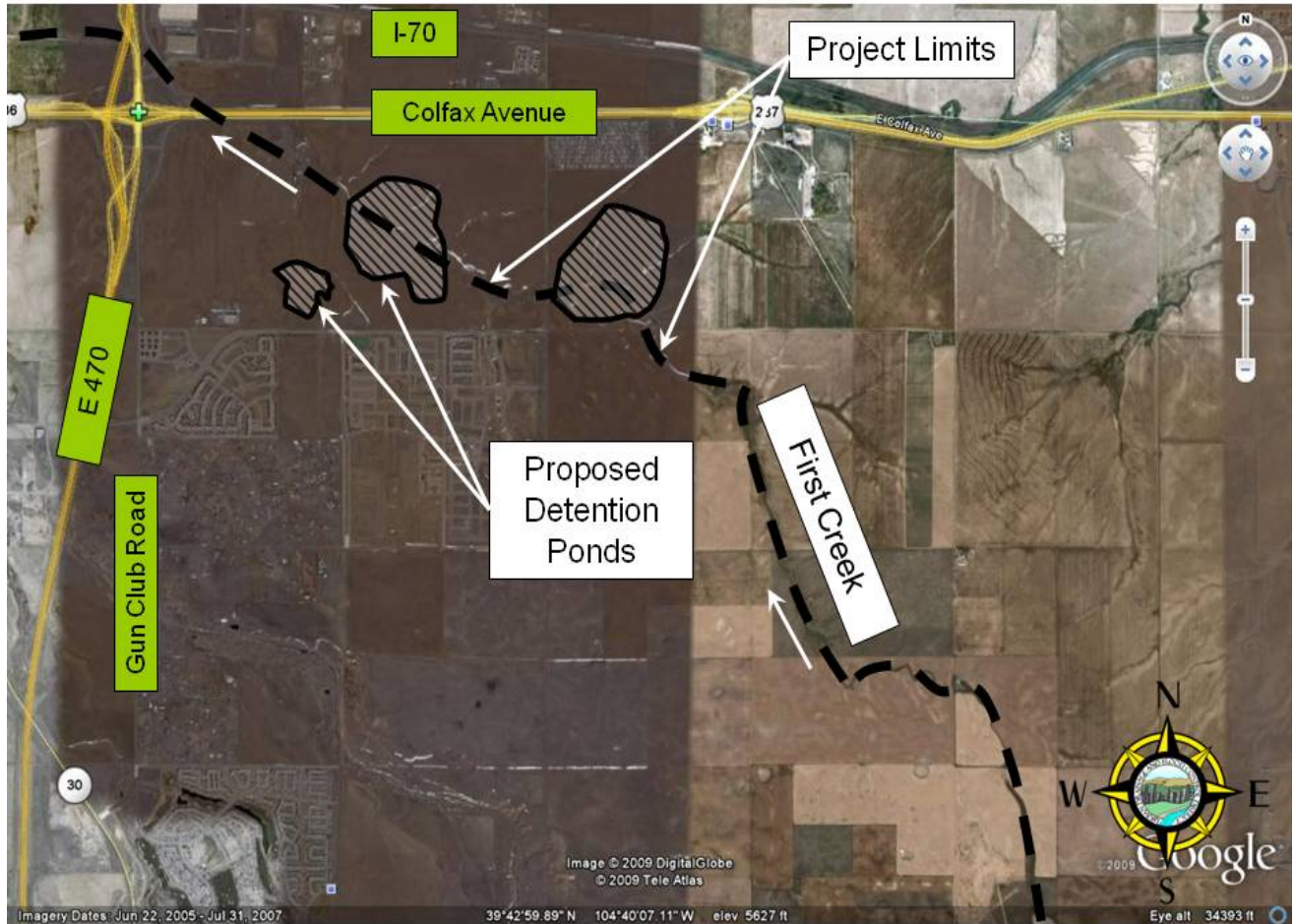
\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 34, SERIES OF 2013

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

### EXHIBIT A





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 35, SERIES OF 2013

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
on Nissen Reservoir Drainageway [Basin 3207] at Lowell Boulevard, City and County of Broomfield)

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

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

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

WHEREAS, the Board previously authorized (Resolution No. 70, Series of 2011 and Resolution No. 16, Series of 2013) \$810,000 for design, acquisition of right-of-way, and construction of improvements on Nissen Reservoir Drainageway (Basin 3207) at Lowell Boulevard (Exhibit A); and

WHEREAS, the City and County of Broomfield and the District now desire to construct improvements on Nissen Reservoir Drainageway (Basin 3207) at Lowell Boulevard; and

WHEREAS, the City and County of Broomfield has estimated the additional project costs to be \$380,000, resulting in a revised total project cost of \$2,000,000 (District \$1,000,000; Broomfield \$1,000,000); and

WHEREAS, the District's additional participation being authorized by this resolution is \$190,000; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget (Resolution No. 51, Series of 2012) for calendar year 2013 subsequent to a public hearing, which includes funds for construction of drainage and flood control improvements on Nissen Reservoir Drainageway (Basin 3207) at Lowell Boulevard; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 58, Series of 2012), in which the improvements on Nissen Reservoir Drainageway (Basin 3207) at Lowell Boulevard were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 70, Series of 2011, Paragraph 3, is amended as follows:  
"The District's maximum contribution to the Nissen Reservoir Drainageway (Basin 3207) at Lowell Boulevard, without prior approval of the Board, shall be ~~\$810,000~~ **\$1,000,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City and County of Broomfield."
2. All other conditions and authorizations remain as stated in Resolution No. 70, Series of 2011.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 35, SERIES OF 2013

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Nissen Reservoir Drainageway [Basin 3207] at Lowell Boulevard, City and County of Broomfield)

### EXHIBIT A





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 36, SERIES OF 2013 (Authorization for a Planning Study of Boulder Creek)

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

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

WHEREAS, the Board has previously established a Work Program for 2013 (Resolution No. 57, Series of 2012), which includes master planning; and

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

WHEREAS, the Board has previously cooperated with the City of Boulder and Boulder County to prepare the "Boulder Creek Phase B Preliminary Design" report (URS Company, 1979); and

WHEREAS, the City of Boulder has expressed a desire to participate in a study leading to a mitigation plan for Boulder Creek and to fund the local share; and

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

	<u>Planning Study</u>
District	\$75,000
<u>City of Boulder</u>	<u>\$75,000</u>
TOTAL	\$150,000

NOW, THEREFORE, BE IT RESOLVED THAT:

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

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

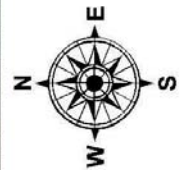
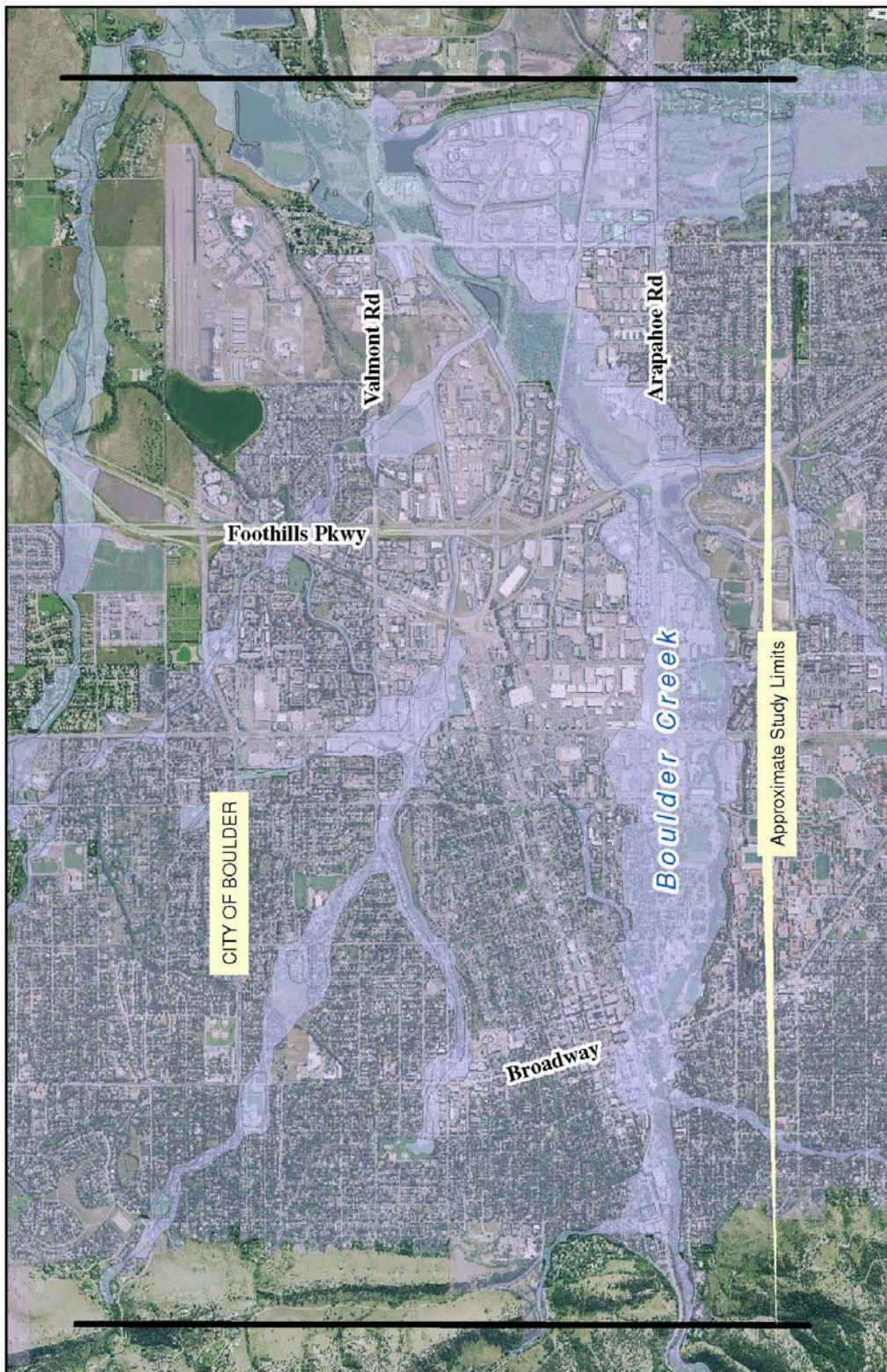
\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 36, SERIES OF 2013  
(Authorization for a Planning Study of Boulder Creek)



**EXHIBIT A**  
**Boulder Creek Mitigation Plan**  
**Approximate Study Limits**  
**June 2013**



# URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

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## BOARD OF DIRECTORS MEETING

Date: Thursday, September 19, 2013

Time: 1:00 pm

Catered Lunch – 12:15 pm

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

1. **Call to Order and Pledge of Allegiance – 1:00 pm**
2. **Roll Call – Determination of Quorum**
3. **Introductions**
  - a. Visitors/Guests/Staff
4. **Approval of August 15, 2013 Meeting Minutes** *(If there are no corrections “Minutes stand approved”, or with corrections “Minutes stand approved as corrected”)*
5. **Consent Agenda** *(Consent items are considered routine and will be approved by one motion unless a request is made by a Board Member for removal for further discussion or explanation.)*
  - a. Review of Cash Disbursements
  - b. Authorization to Participate in Drainage and Flood Control Improvements on Little Dry Creek from Lowell Boulevard to Federal Boulevard, City of Westminster, Adams County (Resolution No. 37, Series of 2013)
  - c. Additional Authorization to Participate in Drainage and Flood Control Improvements on Little Creek from Geddes Avenue to Dry Creek Pond, City of Centennial, Arapahoe County (Resolution No. 38, Series of 2013)
  - d. Acceptance of Flood Hazard Area Delineation Report for Sanderson Gulch (Resolution No. 39, Series of 2013)
  - e. Acceptance of Sand Creek Planning Study (Resolution No. 40, Series of 2013)
  - f. Authorization of Expenditures from Flood Emergency Fund (Resolution No. 41, Series of 2013)
6. **Vote on Approval of the Consent Agenda** *(Motion and roll call vote required.)*
7. **Reports/Discussion**
  - a. 2014 Draft Budget
  - b. Executive Director’s Report
8. **Other Business**
9. **Announcements**
  - a. Next Regularly Scheduled Meeting: **Thursday, October 17, 2013**
10. **Adjournment**







## URBAN DRAINAGE AND FLOOD CONTROL DISTRICT BOARD OF DIRECTORS

August 15, 2013

### MINUTES

#### **Members Present:**

Marsha Berzins, Mayor Pro Tem, City of Aurora  
Joyce Downing, Mayor, City of Northglenn  
Deb Gardner, Commissioner, Boulder County  
Faye Griffin, Commissioner, Jefferson County  
Mark Hunter, Engineer  
Peggy Lehmann, Council Member, City/County of Denver  
Paul Lopez, Council Member, City/County of Denver  
Nancy McNally, Mayor, City of Westminster  
Bonnie McNulty, Mayor, City of Edgewater  
Bob Murphy, Mayor, City of Lakewood  
Stephanie Piko, Mayor Pro Tem, City of Centennial  
Jill Repella, Commissioner, Douglas County  
Dave Sellards, Engineer  
Nancy Sharpe, Commissioner, Arapahoe County  
Greg Stokes, Mayor Pro Tem, City/County of Broomfield  
Mary Beth Susman, Council Member, City/County of Denver  
Charles (Chaz) Tedesco, Commissioner, Adams County  
Heidi Williams, Mayor, City of Thornton  
Rachel Zenzinger, Mayor Pro Tem, City of Arvada

#### **Members Absent:**

Debbie Brinkman, Mayor, City of Littleton  
Cary Kennedy, Deputy Mayor, City/County of Denver  
Lisa Morzel, Deputy Mayor, City of Boulder

#### **UDFCD Staff Present:**

Paul Hindman	Executive Director
Ed Krisor	Legal Counsel
Julia Bailey	Project Engineer, Information Systems & Flood Warning
Dave Bennetts	Manager, Design, Construction, and Maintenance
Richard Borchardt	Senior Project Engineer, Design, Construction, and Maintenance
Joanna Czarnecka	Construction Manager, Design, Construction, and Maintenance
Barbara Chongtous	Senior Project Engineer, Design, Construction, and Maintenance
Amelia Deleon	Administrative Services Manager
Frank Dobbins	Director, Finance and Accounting
Terri Fead	Project Engineer, Floodplain Management
Bryan Kohlenberg	Senior Project Engineer, Design, Construction, and Maintenance
Laura Kroeger	Assistant Manager, Design, Construction, and Maintenance
Ken McKenzie	Manager, Master Planning
Holly Piza	Senior Project Engineer, Master Planning
David Skuodas	Project Engineer, Design, Construction, and Maintenance

#### **Others Present:**

None.

#### **How the Districts Works – Project Delivery**

Mr. Hindman conducted a presentation on the District's traditional project delivery method (design, low bid, build) followed by an introduction to an alternative delivery method, Project Partners, which the District is now utilizing.

1. **Call to Order and Pledge of Allegiance – 1:00 p.m.**  
Mayor McNally called the meeting to order at 1:00 p.m.
2. **Roll Call – Determination of Quorum**  
Roll was called and a quorum was declared present.
3. **Introductions**
  - a. **Visitors/Guests/Staff**  
There were no guests at this month's board meeting.
  - b. **District Wall Art**  
Mr. Hindman gave a quick overview of the new wall art displayed throughout the office. Projects featured in phase one of this effort include Babi Yar Park, Marcy Gulch, Goldsmith Gulch, and the 'Bug Drop' at Sand Creek Park.
4. **Board approval of May 16, 2013 Meeting Minutes**  
Mayor McNally asked if there were any corrections to the May 16, 2013 minutes. Hearing none, the minutes were approved as submitted.
5. **Consent Agenda**
  - a. **Review of Cash Disbursements**  
Cash Disbursement list dated July and August 2013 had been distributed to the Board for review. There being no further comments or questions, it was the consensus of the Board to include approval of the Cash Disbursements on the Consent Agenda.
  - b. **Authorization to Participate in Drainage and Flood Control Improvements along Happy Canyon Creek at Interstate 25, Douglas County (Resolution No. 33, Series of 2013)**  
This is a joint project with Douglas County. Douglas County desires to design, acquire right-of-way, and construct improvements along Happy Canyon Creek in accordance with the ongoing "Happy Canyon Creek Major Drainageway Planning and Flood Hazard Area Delineation" to be completed in 2013. The project includes improvements to Happy Canyon Creek at Interstate 25. Easement and right-of-way acquisition will be included in the project costs.  
  
The District will be administering the design once the major drainageway plan is complete and a consulting engineering firm is selected. The District and Douglas County desire to construct the improvements which will be managed by the District. Construction is anticipated in 2013.  
  
The District and Douglas County have identified \$450,000 in initial project costs for the design, right-of-way acquisition, and (partial funding of) construction with the District's participation being \$225,000 in 2013 funds.  
  
Resolution No. 33 authorizes \$225,000 of District funds from the Special Revenue Fund - Construction to at least be matched by Douglas County for the design, acquisition of right-of-way, and (partial funding of) construction of the drainage elements of the project.  
  
There being no further comments or questions, it was the consensus of the Board to place Resolution No. 33, on the Consent Agenda.
  - c. **Additional Authorization to Participate in Drainage and Flood Control Improvements on First Creek Detention Upstream of I-70, City of Aurora, Arapahoe County (Resolution No. 34, Series of 2013)**  
This is a joint project with the City of Aurora. Merrick and Company is designing the project and is under contract with the District. The drainage elements of the project include installation of a detention pond, outlet structure, and spillway. Easement and right-of-way acquisition is included in the project costs.

There are three ponds shown in the master plan upstream of I-70 and all three ponds are located on one property. The project is building the most eastern pond and identifying the property acquisition needed for all three ponds. Property acquisition for all ponds may be done with the project to avoid multiple negotiations and settlements. Construction of the detention pond is scheduled for 2015.

The City of Aurora and the District have identified \$2,940,000 in total project costs with the District's participation being \$1,470,000. The previous authorizations (Resolution No. 32, Series of 2012; Resolution No. 18, Series of 2011; Resolution No. 50, Series of 2010; Resolution No. 58, Series of 2009) totaled \$1,050,000 to fund design and to partially fund acquisition of right-of-way and construction.

Resolution No. 34 authorizes an additional \$420,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Aurora for the design, acquisition of right-of-way, and construction of the drainage elements of the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 34, on the Consent Agenda.

**d. Additional Authorization to Participate in Drainage and Flood Control Improvements on Nissen Reservoir Drainageway (Basin 3207) at Lowell Boulevard, City and County of Broomfield (Resolution No. 35, Series of 2013)**

This is a continuing joint project with the City and County of Broomfield (Broomfield). This project involves the reconstruction/widening of the US 287(120th Ave)/Lowell Boulevard intersection at the location of the Nissen Reservoir Drainageway (Basin 3207) crossing of Lowell Boulevard in Broomfield. Currently the drainageway crossing consists of two, approximately 6-ft by 3-ft, corrugated steel pipes that carry low flows under Lowell Boulevard. Preliminary design studies now indicate that a double 32-foot span CON/SPAN structure will eliminate the frequent overtopping of Lowell Boulevard and provide 100-year capacity with improved maintenance access/pedestrian underpass. Upstream and downstream channel improvements will be needed to transition to the existing channel.

Broomfield, under contract with Muller Engineering, is providing the design of the drainageway elements in coordination with the District. Broomfield and the District will fund the drainageway elements. Broomfield will advertise the project and provide construction management with oversight of the drainageway elements provided by the District. The easement and right-of-way acquisition, as needed for the drainageway elements, will be included in the project costs. Broomfield has anticipated that final design will be completed in November and construction could begin as early as February 2014.

The District and Broomfield have now identified at least \$2,000,000 in total project costs with the District's participation being \$1,000,000. The previous authorizations, Resolution No. 70, Series of 2011 and Resolution No. 16, Series of 2013, totaled \$810,000 to fund design and to partially fund acquisition of right-of-way and construction; therefore, the District's additional participation being authorized by this resolution will be \$190,000 in 2013 funds. Construction is anticipated in 2014.

Resolution No. 35 authorizes an additional \$190,000 of District funds from the Special Revenue Fund - Construction Budget for calendar year 2013 to be at least matched by the City and County of Broomfield for the construction of the drainage elements of the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 35, on the Consent Agenda.

**e. Authorization for a Planning Study of Boulder Creek (Resolution No. 36, Series of 2013)**

Boulder Creek is located in Boulder County and crosses through the center of the City of Boulder from west to east. Boulder Creek and its tributaries drain a 440 square mile area, with over half of the basin lying in the mountains.

The City of Boulder has recently completed a mapping study of Boulder Creek identifying the potential risks to existing development and delineating a 100-year floodplain. The City of Boulder has appropriated \$75,000 to begin a flood management and mitigation study in 2013 to address the risk identified in the mapping study.

There have been a number of previous studies regarding Boulder Creek flooding. These include:

- **(1979) URS Company, *Boulder Creek Phase B Preliminary Design.***
- **(1984) Simons, Li & Associates, Inc., *Major Drainageway Planning Boulder Creek – South Boulder Creek Confluence Area.***
- **(1975) Leonard Rice Consulting Water Engineers, Inc., *Flood Hazard Area Delineation Boulder Creek & Dry Creek.***
- **(1983) Muller Engineering Company, Inc., *Boulder Creek Flood Hazard Area Delineation.***

The total master planning costs are projected to be \$150,000. The City of Boulder will contribute \$75,000 with the District's share not to exceed \$75,000 plus interest earned in the project's trust and agency account.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 36, on the Consent Agenda.

**6. Vote on Approval of the Consent Agenda**

It was the consensus of the Board that Resolutions No. 33, 34, 35, and 36, Series of 2013, and Cash Disbursements dated July and August 2013 be placed on the Consent Agenda. Mayor Joyce Downing moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

**7. Reports/Discussion**

**a. Executive Director's Report**

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

**b. Dominico Condemnation Update**

Mr. Hindman provided the Board with an update on the Dominico condemnation that was last discussed in an Executive Session at the April 2013 Board meeting. Fortunately, we were able to avoid condemnation by negotiating a settlement for the necessary easement.

**8. Other Business**

Mr. Hindman announced that request letters for future project needs were sent out to all the local governments, and he encouraged the Board members to coordinate with their staff to ensure that a comprehensive list is developed.

The next board meeting will take place on September 19<sup>th</sup> and will include the draft 2012 and 2013 budget spreadsheets for Board review.

**9. Announcements**

None.

**10. Adjournment**

Mayor McNally adjourned the meeting at 1:45 pm.

# Executive Director's Report

Submitted by: Paul A. Hindman

August 15, 2013

## Administrative

In a continuing effort to bring a more professional air to the office, we have purchased some better chairs for one of our smaller conference rooms along with hanging some really nice photos of our projects in several locations including the waiting area, one of the hallways, and the board room. The photos in the board room highlight the "Bug Drop" project, built on Sand Creek a few years back. Over the next year, we will have some additional photos taken of other projects in hopes to highlight our work throughout the different seasons of the year. The credit for this upgrade goes primarily to Amelia.

## Program

- At the end of June, I met with RTD's Executive Director, Phil Washington. He agreed it would be beneficial to both of our organizations to meet on a regular basis, so we've set up a schedule to meet every six months. I'm encouraged that these meetings will help communication flow smoother between our organizations.
- In an ongoing effort to understand the flood control science, we are participating in a research project with Colorado State University (CSU) to analyze how vegetated or grassed banks of a creek hold up under fast-moving water. Current hydraulic technology recommends to armor the banks with rip-rap (rock) where the velocity of the water is high. We are trying to understand just where the threshold (or limit) is that defines "high."
- 2015 marks the 50<sup>th</sup> Anniversary of the '65 Flood and the National Weather Service is developing a promotional piece on the flood. They are looking for partnering agencies and since the flood was the main catalyst to forming the District, we felt it would be appropriate to participate. Some ideas to help promote the District with this promo include putting together some information on the District's accomplishments since our conception. Kevin Stewart, Manager of Flood Warning and IT, will be following this endeavor and we will update the Board when necessary.

## Finance

Our current CD rate of investment is 0.03%; however, Treasury bill (T-Bill) interest rates are starting to rise above CD rates so this month, we are investing \$5M in a five-month T-Bill, at a rate of 0.04%. Also, Chase and Wells Fargo are now quoting us some CD rates so we may start investing a portion of our excess funds with them in the near future.

## State and Federal Government Advocacy

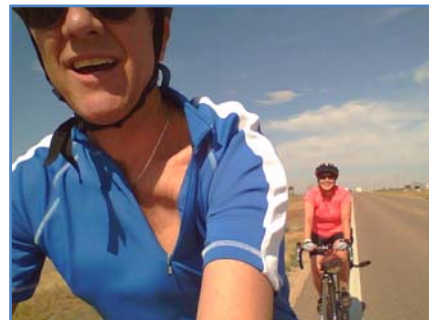
The Environmental Protection Agency (EPA) did not release the new stormwater regulations by the June deadline. As of the end of July, EPA and the Chesapeake Bay Foundation are still trying to negotiate a new date of release.

## Personal

This summer has had some ups and downs. Sadly, last month, Claudia's sister-in-law passed away from brain cancer. Fortunately, Claudia was able to spend time with her during her final days. She will definitely be missed. On the upside, Claudia and I are celebrating our 35<sup>th</sup> anniversary this year (next Monday) and we wanted to celebrate by doing something special, so we rode our bikes across Kansas in June with 850 of our now closest friends. It was about 220 miles, always uphill and always against the wind. Did you know the wind blows in Kansas? And, did I mention the heat? One day, it got up to a cool 104 degrees. We did have fun and we are glad we did it. The small towns were great, especially the home-made pie. I don't know what we will do for our 40<sup>th</sup> anniversary, but maybe relaxing on a beach is a better choice.



*Sleeping Arrangements on the High School Football Field.*



*Riding Uphill and Against the Wind.*

If you have any question or comments let me know. I can be reached at 303-455-6277 or on my cell phone at 303-919-2932.





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 37, SERIES OF 2013

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

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

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

WHEREAS, the City of Westminster, Adams County, and the District cooperated in the preparation of "Little Dry Creek, Adams County Major Drainageway Planning Study," dated 1979; and

WHEREAS, the Board previously authorized (Resolution No. 54, Series of 2008; Resolution No. 20, Series of 2009; Resolution No. 12, Series of 2010; Resolution No. 43, Series of 2010; Resolution No. 21, Series of 2012; and Resolution No. 65, Series of 2012) \$1,275,000 for design, acquisition of right-of-way, and construction of improvements along Little Dry Creek (Exhibit A); and

WHEREAS, the City of Westminster, Adams County, and the District now desire to construct improvements along Little Dry Creek; and

WHEREAS, City of Westminster and Adams County have estimated the additional project costs to be \$2,975,000 resulting in a revised total project cost of \$5,625,000 (\$1,450,000 District; \$4,175,000 Westminster and Adams County); and

WHEREAS, the District's additional participation being authorized by this resolution is \$175,000; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget, (Resolution No. 51, Series of 2012) for calendar year 2013 subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Little Dry Creek; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 58, Series of 2012) in which the improvements along Little Dry Creek were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 54, Series of 2008, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the Little Dry Creek from Lowell Boulevard to Federal Boulevard project without prior approval of the Board shall be ~~\$1,275,000~~ **\$1,450,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Westminster and Adams County."
2. All other conditions and authorizations remain as stated in Resolution No. 54, Series of 2008.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 37, SERIES OF 2013

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

### EXHIBIT A





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 38, SERIES OF 2013

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Littles Creek from Geddes Avenue to Dry Creek Pond, City of Centennial, Arapahoe County)

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

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

WHEREAS, the City of Centennial has assigned and transferred to the Southeast Metro Stormwater Authority (SEMSWA) its rights and obligation for the Littles Creek from Geddes Avenue to Dry Creek Pond project; and

WHEREAS, SEMSWA and the District cooperated in the preparation of "Littles Creek Major Drainageway Planning Study," dated July 2012; and

WHEREAS, the Board previously authorized (Resolution No. 11, Series of 2012, and Resolution No. 65, Series of 2010) \$110,000 for design, acquisition of right-of-way, and construction of improvements along Littles Creek from Geddes Avenue to Dry Creek Pond (Exhibit A); and

WHEREAS, SEMSWA and the District now desire to construct improvements along Littles Creek from Geddes Avenue to Dry Creek Pond; and

WHEREAS, SEMSWA and the District have estimated the additional project costs to be \$100,000 resulting in a revised total project cost of \$320,000 (\$160,000 District; \$160,000 SEMSWA); and

WHEREAS, the District's additional participation being authorized by this resolution is \$50,000; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget (Resolution No. 51, Series of 2012) for calendar year 2013 subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Littles Creek from Geddes Avenue to Dry Creek Pond; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 58, Series of 2012) in which the improvements along Littles Creek from Geddes Avenue to Dry Creek Pond were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 65, Series of 2010, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the Littles Creek from Geddes Avenue to Dry Creek Pond project without prior approval of the Board shall be ~~\$110,000~~ **\$160,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by SEMSWA."
2. All other conditions and authorizations remain as stated in Resolution No. 65, Series of 2010.



(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 38, SERIES OF 2013

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Little's Creek from Geddes Avenue to Dry Creek Pond, City of Centennial, Arapahoe County)

### EXHIBIT A





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 39, SERIES OF 2013

(Acceptance of Flood Hazard Area Delineation Report for Sanderson Gulch)

WHEREAS, the Board has previously established a Work Program for 2013 (Resolution No. 57, Series of 2012) which included master planning and the delineation of flood hazard areas; and

WHEREAS, the Board has previously authorized the Executive Director to expend funds from the Flood Hazard Area Delineation budget for the completion of flood hazard area delineation studies (Resolution No. 75, Series of 2012); and

WHEREAS, the Executive Director has executed an agreement with Matrix Design Group for a master planning and flood hazard area delineation study of Marston Lake North Drainageway; and

WHEREAS, a report "Flood Hazard Area Delineation, Sanderson Gulch," dated August 2013, has been completed by Matrix Design Group; and

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

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board of Directors of the Urban Drainage and Flood Control District accepts the report "Flood Hazard Area Delineation Sanderson Gulch," dated August 2013 and recommends its use as a guide in future planning related to the floodplains contained therein.
2. The Board of Directors of the Urban Drainage and Flood Control District recommends that the cities of Denver and Lakewood and Jefferson County adopt the report and regulate the 100-year floodplains defined in the report.
3. The Board of Directors of the Urban Drainage and Flood Control District submit the report for designation and approval by the Colorado Water Conservation Board as stated in Section 37-60-106(1)(c), C.R.S., 1973, as flood hazard areas, those areas described as being inundated by the 100-year flood.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 39, SERIES OF 2013

(Acceptance of Flood Hazard Area Delineation Report for Sanderson Gulch)

**EXHIBIT A**





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 40, SERIES OF 2013  
(Acceptance of Sand Creek Planning Study)

WHEREAS, the Board cooperated with the City of Aurora and Southeast Metro Stormwater Authority (SEMSWA) in the preparation of a major drainageway planning study for Sand Creek and Coal Creek from Colfax Avenue to Yale Avenue extended (Resolution No. 82, Series of 2010); and

WHEREAS, the Executive Director executed an agreement for engineering services with the consulting firm Matrix Design Group, to conduct studies and prepare a major drainageway planning report for Sand Creek and Coal Creek from Colfax Avenue to Yale Avenue extended; and

WHEREAS, the District reviewed the alternatives presented by Matrix Design Group and concurred with the need to complete the study based on an alternative selected in cooperation with the City of Aurora and SEMSWA; and

WHEREAS, Matrix Design Group has completed the study and submitted to the District the “Sand Creek Colfax to Yale Major Drainageway Plan,” dated August 2013.

NOW, THEREFORE, BE IT RESOLVED THAT:

The Board of Directors of the Urban Drainage and Flood Control District hereby accepts the report titled “Sand Creek Colfax to Yale Major Drainageway Plan” dated August 2013, and recommends that all drainage, flood control and stormwater management infrastructure and practices recommended in the report be used to guide future drainage and flood control planning, land development, and design and construction of all such infrastructure within each jurisdiction covered by said plan.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 40, SERIES OF 2013  
(Acceptance of Sand Creek Planning Study)

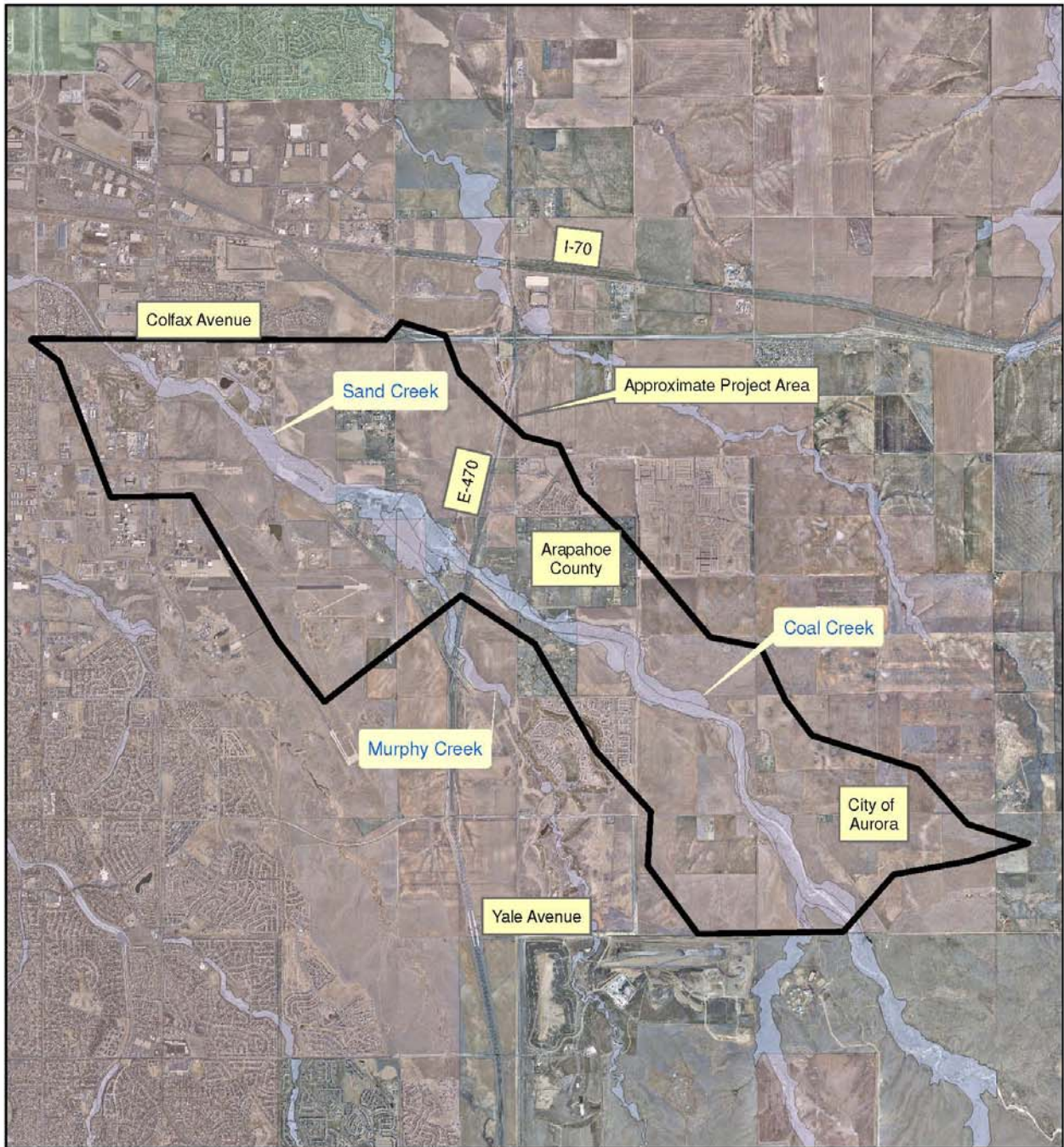
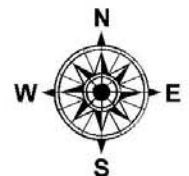


EXHIBIT A  
Sand Creek (Colfax Ave. to Yale Ave. extended)  
Major Drainageway Plan and FHAD  
Approximate Study Limits  
December 2010



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 41, SERIES OF 2013 (Authorization of Expenditures from Flood Emergency Fund)

WHEREAS, the Colorado General Assembly in 1979 amended 32-11-217(1) (c) CRS, thereby authorizing the District to levy up to 0.4 mill for maintenance and preservation of floodplains and floodways within the District; and

WHEREAS, the Board has established a program for uniform and systematic preventive maintenance of drainage and flood control facilities within the District; and

WHEREAS, the Board recognizes that severe and unusual flood events create unexpected needs of a maintenance nature for which the funding requirements cannot be anticipated; and

WHEREAS, the Board pursuant to Resolution No. 54, Series 1981 established an Emergency Contingency Fund to be used following flood emergencies for purposes such as repairing damages to facilities, addressing problems on an emergency basis, providing seed money for federal and state emergency program funding, acquiring substantially damaged property, or for other purposes approved by the Board; and

WHEREAS, the Board, pursuant to Resolution No. 55, Series 1985 established criteria for appropriating monies from the Emergency Contingency Fund; and

WHEREAS, the Emergency Contingency Fund is maintained at a funding level of \$500,000; and

WHEREAS, expenditures from the Emergency Contingency Fund shall be made only with the approval of the Board following flooding disasters in areas which have been declared a state of emergency by the Board; and

WHEREAS, severe flooding has occurred within the District from rainfall that occurred from September 9 to September 15, 2013; and

WHEREAS, the Federal government has declared several counties in the State of Colorado as natural disaster areas; and

WHEREAS, the District desires to access the Emergency Contingency Fund to assist with the emergency issues within the District boundaries.

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

The Board of Directors has declared a state of emergency for the drainageways in the counties of Boulder, Broomfield, Adams, Jefferson, Denver, and Arapahoe as a result of the flooding caused by the September 10 to September 15, 2013 rainfall.

The Executive Director is hereby authorized to utilize the Emergency Contingency Fund up to its current balance of \$500,000 to assist counties within the boundaries of the District with emergency issues that are a result of the September 9 to September 15, 2013 rainfall. The Executive Director shall, where appropriate, use the criteria referenced in Resolution 55, Series of 1985 in disbursing the Emergency Contingency Fund. Funds shall be used solely for the purposes outlined in Resolution No. 54, Series of 1981 and Resolution No. 55, Series of 1985.

Finally, the Executive Director shall, before authorizing expenditures of funds from the Emergency Contingency Fund, submit to the Executive Committee comprised of the Chairperson, Treasurer, and Member at Large a summary of costs and locations where funds will be expended. Any member of the Executive Committee may object, in writing, to one or more of the proposed expenditures within three (3) working days of the summary being provided to them. Should one or more of the Executive

Committee object to one or more of the proposed expenditures those objected to expenditures will not be made and the same shall be presented to the entire Board for approval at the next regularly scheduled Board meeting.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

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## BOARD OF DIRECTORS MEETING

Date: Thursday, October 17, 2013

Time: 1:00 pm

Catered Lunch – 12:15 pm

How the District Works (Flood Recovery Update) – 12:45 – 1:00 pm

1. **Call to Order and Pledge of Allegiance – 1:00 pm**
2. **Roll Call – Determination of Quorum**
3. **Introductions**
  - a. Visitors/Guests/Staff
  - b. Award/Presentations – Colorado Open Space Alliance – Outstanding Achievement
4. **Approval of September 19, 2013 Meeting Minutes** *(If there are no corrections “Minutes stand approved”, or with corrections “Minutes stand approved as corrected”)*
5. **Public Hearing**
  - a. 2014 Budget
6. **Consent Agenda** *(Consent items are considered routine and will be approved by one motion unless a request is made by a Board Member for removal for further discussion or explanation.)*
  - a. Review of Cash Disbursements
  - b. Certification of Tax Levy (Resolution No. 42, Series of 2013)
  - c. Adoption of 2014 Budgets (Resolution No. 43, Series of 2013)
  - d. Appropriation of Funds for 2014 (Resolution No. 44, Series of 2013)
  - e. Additional Authorization to Participate in Drainage and Flood Control Improvements on Goldsmith Gulch at Peakview Avenue, Unincorporated Arapahoe County (Resolution No. 45, Series of 2013)
  - f. Additional Authorization to Participate in Drainage and Flood Control Improvements on Piney Creek at Caley Drive, City of Centennial, Arapahoe County (Resolution No. 46, Series of 2013)
  - g. Additional Authorization for a Planning Study of Box Elder Creek (Resolution No. 47, Series of 2013)
  - h. Acceptance of Sanderson Gulch Planning Study (Resolution No. 48, Series of 2013)
7. **Vote on Approval of the Consent Agenda** *(Motion and roll call vote required.)*
8. **Reports/Discussion**
  - a. Executive Director’s Report
9. **Other Business**
  - a. Executive Director’s Annual Review Committee
10. **Announcements**
  - a. Next Regularly Scheduled Meeting: **Thursday, November 21, 2013**
11. **Adjournment**







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

**September 19, 2013**

**MINUTES**

**Members Present:**

Marsha Berzins, Mayor Pro Tem, City of Aurora  
Debbie Brinkman, Mayor, City of Littleton  
Joyce Downing, Mayor, City of Northglenn  
Mark Hunter, Engineer  
Peggy Lehmann, Council Member, City/County of Denver  
Paul Lopez, Council Member, City/County of Denver  
Nancy McNally, Mayor, City of Westminster  
Bonnie McNulty, Mayor, City of Edgewater  
Lisa Morzel, Deputy Mayor, City of Boulder  
Bob Murphy, Mayor, City of Lakewood  
Stephanie Piko, Mayor Pro Tem, City of Centennial  
Dave Sellards, Engineer  
Greg Stokes, Mayor Pro Tem, City/County of Broomfield  
Mary Beth Susman, Council Member, City/County of Denver  
Heidi Williams, Mayor, City of Thornton  
Rachel Zenzinger, Mayor Pro Tem, City of Arvada

**Members Absent:**

Deb Gardner, Commissioner, Boulder County  
Faye Griffin, Commissioner, Jefferson County  
Cary Kennedy, Deputy Mayor, City/County of Denver  
Jill Repella, Commissioner, Douglas County  
Nancy Sharpe, Commissioner, Arapahoe County  
Charles (Chaz) Tedesco, Commissioner, Adams County

**UDFCD Staff Present:**

Paul Hindman	Executive Director
Ed Krisor	Legal Counsel
Julia Bailey	Project Engineer, Information Systems & Flood Warning
Dave Bennetts	Manager, Design, Construction, and Maintenance
Richard Borchardt	Senior Project Engineer, Design, Construction, and Maintenance
Joanna Czarnecka	Construction Manager, Floodplain Management
Bill DeGroot	Manager, Floodplain Management
Amelia Deleon	Administrative Services Manager
Frank Dobbins	Director, Finance and Accounting
Terri Fead	Project Engineer, Floodplain Management
Jeff Fisher	Construction Manager, Design, Construction, and Maintenance
Bryan Kohlenberg	Senior Project Engineer, Design, Construction, and Maintenance
Laura Kroeger	Assistant Manager, Design, Construction, and Maintenance
Ken McKenzie	Manager, Master Planning
Holly Piza	Senior Project Engineer, Master Planning
David Skuodas	Project Engineer, Design, Construction, and Maintenance
Kevin Stewart	Manager, Information Systems & Flood Warning
Shea Thomas	Senior Project Engineer, Master Planning

**Others Present:**

Peggy Gonder, Gonder Public Relations  
Anthony Graves, Director of Regional Affairs, City and County of Denver  
Lesley Thomas, City Engineer, City and County of Denver



## **How the Districts Works – 2013 Flood Update**

Mr. Hindman conducted a presentation updating the Board on the 2013 Flood Event.

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

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

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

Roll was called and a quorum was declared present.

**3. Introductions**

**a. Visitors/Guests/Staff**

Mr. Hindman introduced the District's Public Information Officer (PIO), Peggy Gonder. Peggy has been assisting the District during this flood event by fielding calls from the media as well as helping us update our website to better assist the public. Mr. Hindman also mentioned to the Board that Peggy may be in touch with their respective offices to gather PIO contact information for coordination of news releases.

Mayor McNally introduced Mr. Anthony Graves, Director of Regional Affairs visiting us from Mayor Michael Hancock's office.

Mr. Hindman announced that Mr. Bill DeGroot, Manager of our Floodplain Management Program, will be retiring in February. January of 2014 marks Mr. DeGroot's 40th Anniversary at the District. He has been instrumental in fostering our reputation locally and nationally by the work he has done and the national policy he has helped form.

Awards

The District was honored with two awards at the 2013 CASFM Conference. Both projects received the CASFM *Honor Award for Outstanding Achievement*:

- Brantner Gulch Channel at Holly Street, City of Thornton
- Cherry Creek Stream Reclamation at Parker Jordan Centennial Open Space, City of Centennial

Mr. Bill DeGroot and Mr. Dave Bennetts were each presented with CASFM Awards for their many years of dedicated service to the Association. Mr. Bennetts has served CASFM on many levels including Officer, Vice-Chair, and Chair. Mr. DeGroot is one of the founding members of CASFM.

**4. Board approval of August 16, 2013 Meeting Minutes**

Mayor McNally asked if there were any corrections to the August 16, 2013 minutes. Hearing none, the minutes were approved as submitted.

**5. Consent Agenda**

**a. Review of Cash Disbursements**

Cash Disbursement list dated August and September 2013 had been distributed to the Board for review. There being no further comments or questions, it was the consensus of the Board to include approval of the Cash Disbursements on the Consent Agenda.

**b. Authorization to Participate in Drainage and Flood Control Improvements on Little Dry Creek from Lowell Boulevard to Federal Boulevard (Resolution No. 37, Series of 2013)**

This is a joint project with the City of Westminster and Adams County. Muller Engineering is currently working on the design of the project under contract with the District. The drainage elements of the project include rebuilding the entire Little Dry Creek corridor from Lowell Boulevard to Federal Boulevard and construction of a formal detention pond upstream of Federal Boulevard to remove adjacent structures from the

floodplain, and to support future construction of a new park and an adjacent Fastracks station.

Easement and right-of-way acquisition is included in the project costs. The Barnum Publishing building has been purchased so that it can be removed in support of the new drainage and flood control facilities and park improvements.

Final design is ongoing and the District, City of Westminster and Adams County desire to continue with final design, acquisition of right-of-way, and construction of improvements.

The District, City of Westminster, and Adams County have identified \$5,625,000 in total project costs with the District's participation being \$1,450,000. The previous authorizations (Resolution No. 54, Series of 2008; Resolution No. 20, Series of 2009; Resolution No. 12, Series of 2010; Resolution No. 43, Series of 2010; Resolution No. 21, Series of 2012; and Resolution No. 65, Series of 2012) totaled \$1,275,000 to fund design and to partially fund acquisition of right-of-way and construction.

Resolution No. 37 authorizes an additional \$175,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Westminster and Adams County for the design, acquisition of right-of-way, and construction of the drainage elements of the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 37, on the Consent Agenda.

**c. Additional Authorization to Participate in Drainage and Flood Control Improvements on Little Creek from Geddes Avenue to Dry Creek Pond, City of Centennial, Arapahoe County (Resolution No. 38, Series of 2013)**

This is a joint project with the Southeast Metro Stormwater Authority (SEMSWA). Olsson and Associates is designing the project under contract with the District. The drainage elements of the project include improvements to regional detention ponds, improvements to the storm sewer systems, and water quality enhancements. Easement and right-of-way acquisition will be included in the project costs.

The District and SEMSWA have identified \$320,000 in project costs for the design and partial funding of construction with the District's participation being \$160,000. The previous authorizations (Resolution No. 11, Series of 2012 and Resolution No. 65, Series of 2010) totaled \$110,000 to start design. Additional funding for construction is anticipated in future years. Construction is anticipated in 2016.

Resolution No. 38 authorizes \$50,000 of District funds from the Special Revenue Fund - Construction to at least be matched by SEMSWA for the design, acquisition of right-of-way, and construction of the drainage elements of the project.

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

**d. Acceptance of Flood Hazard Area Delineation Report for Sanderson Gulch (Resolution No. 39, Series of 2013)**

This is a Flood Hazard Area Delineation (FHAD) for Sanderson Gulch. The FHAD is mostly located in Denver and Lakewood with a small portion in Jefferson County.

Resolution No. 39 accepts the FHAD dated August 2013, recommends that Denver, Lakewood and Jefferson County adopt the report and regulate the floodplain, and directs that the report be submitted to the Colorado Water Conservation Board (CWCB) for designation and approval.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 39, on the Consent Agenda.

- e. **Acceptance of Sand Creek Planning Study (Resolution No. 40, Series of 2013)**  
Resolution No. 82 of 2010 authorized a major drainageway planning study for Sand Creek and Coal Creek from Colfax Avenue to Yale Avenue extended, for which the District partnered with the City of Aurora and SEMSWA. Sand Creek begins at the confluence of Coal Creek and Murphy Creek. Murphy Creek was studied in 2008 but the very downstream reach was re-analyzed in this study in order to address the confluence area as a whole.

The tributary area of the Sand Creek watershed is 104 square miles at Colfax Avenue and consists of mostly undeveloped land in Arapahoe County and a very large lot development in Elbert County. The 100-year peak flow rate at the downstream study limit is just under 20,000 cfs. Improvements recommended in the study include:

- Incorporating stormwater attenuation into East Reservoir, a proposed reservoir that will be owned by Aurora Water
- Management of development by Arapahoe County in the State Land Board property in accordance with the 2012 Lowry Range Integrated Resource Management Plan
- Bank stabilization
- Grade control structures

The study also identifies required crossing structure sizes for future roadway alignments. The total cost of improvements recommended in the study is just over \$27 million.

Resolution 40 accepts the report and recommends the improvements and practices in the report be used as a guide in future public works projects and in land development activities.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 40, on the Consent Agenda.

- f. **Authorization of Expenditures for Flood Emergency Fund (Resolution No. 41, Series of 2013)**  
In 1981, the District established an emergency contingency fund of \$500,000 to be used following flood emergencies for purposes such as repairing damages to facilities, addressing problems on an emergency basis, providing seed money for federal and state emergency program funding, acquiring substantially damaged property, or for other purposes approved by the Board.

In this Resolution, the Board of Directors will declare a state of emergency for the drainageways in the counties of Boulder, Broomfield, Adams, Jefferson, and Arapahoe County as a result of the flooding caused by the September 9 through September 15 rainfall. Resolution No. 41 authorizes the use of the emergency contingency funds for this flood event.

Request letters have been sent to all local municipalities within the District asking for any changes to the 2014 CIP and Maintenance Work Plans as well as identifying any immediate needs for assistance. This information will provide us with a better idea of how to budget resources effectively to address flood damage needs.

Before authorizing expenditures of the emergency contingency funds, the Executive Director will submit to a subset of the Executive Committee comprised of the Chairperson, Treasurer, and Member at Large (hereinafter known as the Emergency Fund Committee), a summary of costs and locations where funds will be expended. Any member of the Emergency Fund Committee may object, in writing, to one or more of the

proposed expenditures within three (3) working days of the summary being provided to them.

Should one or more members of the Emergency Fund Committee object to one or more of the proposed expenditures, those objected expenditures will not be made and the same shall be presented to the entire Board for approval at the next regularly scheduled Board meeting.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 41, on the Consent Agenda.

**6. Vote on Approval of the Consent Agenda**

It was the consensus of the Board that Resolutions No. 37, 38, 39, 40, and 41 Series of 2013, and Cash Disbursements dated August and September 2013 be placed on the Consent Agenda. Mayor Williams moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

**7. Reports/Discussion**

**a. 2014 Draft Budget**

The Draft 2014 Budget spreadsheets were included in the meeting packet. Mr. Hindman provided a general outline of the financial model including how TABOR is calculated. Mr. Hindman asked that the Board review the budgets and direct any questions to him.

The Board will be approving the Final 2014 Budget at the October Board Meeting. The Final 2014 Budget will be sent out to the Board in advance of the October Board Meeting.

**b. Executive Director's Report**

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

**8. Other Business**

None.

**9. Announcements**

The next board meeting, taking place on October 17<sup>th</sup>.

**10. Adjournment**

Mayor McNally adjourned the meeting at 2:45 pm.

# Executive Director's Report

September 19, 2013

## Administrative

We have fielded some flood-related calls, mostly from concerned citizens asking for assistance. Our philosophy at the District has always been to provide the public with an answer, even if it falls outside the District's responsibilities. Calls from citizens are being directed to the Project Engineer for that county and media calls are being handled by our Public Information Officer (Peggy Gonder) or me. Above all, I've instructed everyone to be compassionate when dealing with the general public because they are going through a very stressful situation.

## Flood Warning

During the flood, Kevin Stewart was in close contact with the OEM in Boulder, the State OEM, and other emergency personnel. Our stream gage and rainfall data was extremely useful to several agencies. Our meteorological services were also vital in predicting and assessing the event. Kevin and the team have had several nights with little sleep responding to the flood disaster. We are continuing to be engaged with the different OEM's, CWCB, and local governments, to provide them with whatever technical information they need.

## Finance

The finance department has done some initial investigation into the reimbursement of funds from the Federal government. It appears that the District could request reimbursement, but it would be in competition with the requests from local governments; therefore, we probably won't be requesting reimbursement but we will provide local governments with our expenditures for use in your local share, which is required for FEMA funding.

## Design, Construction, and Maintenance

Considering that many of our local governments may have been impacted by the recent floods, request letters have been sent to your staff this week asking for any changes to the 2014 CIP and Maintenance Work Plans as well as identifying any immediate needs for assistance. This information will give us a better idea of how to budget our resources effectively to address your flood damage needs. Along with the letter, our Project Engineers made phone calls to their local government contacts to check in and provide any assistance. At today's Board meeting, I am requesting authorization to use the District's Emergency Fund and if authorized and used, I'm guessing the majority will be allocated towards debris and sediment removal from the drainageways.

## Personal

On the 6th and 7th of September, nine other crazy old guys, a sixteen year old, and I participated in the Ragnar Colorado Relay. It started at Copper Mountain, went to Breckenridge, around Dillon Reservoir, over Vail Pass to Glenwood Springs, then up the Roaring Fork to Snowmass. We handed off to each other a wristband and ran just short of 200 miles. The van was a little stinky, but we had great fun! Out of 189 teams, we came in 13th place but we did take the winners bragging rights for the Master's Division (guess they didn't know about the 16 year old). No one got ran over, there were no injuries to any major body parts, and no one got eaten by a bear. I call that a success! *I can't wait until next year!*



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 42, SERIES OF 2013  
(Certification of Tax Levy)

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

WHEREAS, the assessed valuation of the District of all taxable property subject to taxation for the year of 2013 is \$37,619,709,031 for all territory within the District, and the individual totals for each county wherein the District has territory are as follows:

ADAMS	\$ 4,519,262,060
ARAPAHOE	\$ 7,428,006,774
BOULDER	\$ 4,164,930,950
BROOMFIELD	\$ 1,099,091,184
DENVER	\$10,545,895,840
DOUGLAS	\$ 3,625,178,619
JEFFERSON	\$ 6,237,343,604

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

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

IN ADDITION:

WHEREAS, the District for the fiscal year 2014 (2013 taxes collected in 2014 hereinafter referred to as "fiscal year 2014") has determined to levy 0.780 mill on all taxable property within the District in the counties of Adams, Arapahoe, Denver, Douglas, and Jefferson and levy 0.696 mill on all taxable property within the District in the County of Boulder and the City and County of Broomfield; and

WHEREAS, such levies will cause the revenues to the District for the fiscal year 2014 to exceed the limitations set forth in Section 20 of Article X of the Constitution of Colorado (The Taxpayers Bill of Rights) TABOR by approximately \$3,957,648; and

WHEREAS, the District has determined to comply with TABOR in regard to fiscal year 2014 by a temporary mill levy reduction in advance of the receipt of revenues in 2014 of 0.108 mill on all taxable property within the District in the counties of Adams, Arapahoe, Denver, Douglas, and Jefferson and by a temporary mill levy reduction in advance of the receipt of revenues in 2014 of 0.020 mill on all taxable property within the District in the County of Boulder and the City and County of Broomfield; and

WHEREAS, such temporary mill levy rate reductions in advance of the receipt of revenues in fiscal year 2014 will lower the receipt of revenues by the District to an amount that will not exceed the limitations set forth in TABOR.

NOW, THEREFORE, BE IT RESOLVED:

That the Board of Directors of the District does hereby adopt the following:

SECTION 1: In Adams, Arapahoe, Denver, Douglas, and Jefferson Counties the levy of taxes by the District shall be set at the net rate of 0.672 mill (see Exhibit A) on and against all taxable property within the District subject to taxation for the year 2014 after deducting the temporary mill levy reduction referred to above.



SECTION 2: In Boulder County and the City and County of Broomfield the levy of taxes by the District shall be set at the net rate of 0.608 mill (see Exhibit B) on and against all taxable property within the District subject to taxation for the year 2014 after deducting the temporary mill levy reduction referred to above.

SECTION 3: These levies shall be certified to the body having authority to levy taxes within each county wherein the District has any territory, to wit: the City Council of the City and County of Denver, the City Council of the City and County of Broomfield and the separate Boards of County Commissioners of Adams, Arapahoe, Boulder, Douglas, and Jefferson Counties.

SECTION 4: The person whom the Board of Directors authorizes to receive the funds collected by the separate counties within the District shall be the Executive Director.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 42, SERIES OF 2013  
(Certification of Tax Levy)

**Exhibit A**

**Mill levy for Adams, Arapahoe, Denver, Douglas, and Jefferson Counties**

	<b><u>Gross Levy</u></b>	<b><u>Temporary Mill Levy Reduction</u></b>	<b><u>Net Levy</u></b>
<b>UDFCD (Parent) Levy</b>	<b><u>0.696</u></b>	<b><u>0.088</u></b>	<b><u>0.608</u></b>
<b>UDFCD/SPR Levy</b>	<b><u>0.084</u></b>	<b><u>0.020</u></b>	<b><u>0.064</u></b>
<b>Total</b>	<b><u>0.780</u></b>	<b><u>0.108</u></b>	<b><u>0.672</u></b>

**Levy is 0.672 mill**

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 42, SERIES OF 2013  
(Certification of Tax Levy)

**Exhibit B**

**Mill levy for Boulder and Broomfield Counties**

	<b><u>Gross Levy</u></b>	<b>Temporary Mill Levy <u>Reduction</u></b>	<b><u>Net Levy</u></b>
<b>UDFCD</b>	<b>0.696</b>	<b>0.088</b>	<b>0.608</b>

**Levy is 0.608 mill**

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 43, SERIES OF 2013 (Adoption of 2014 Budgets)

WHEREAS, budgets for the following funds have been considered by the Board of Directors of the Urban Drainage and Flood Control District:

1. General Fund
2. Special Revenue Fund - Construction
3. Special Revenue Fund - Maintenance
4. Special Revenue Fund - South Platte River
5. Capital Projects Fund
6. Flood Emergency Contingency Fund

WHEREAS, the Board of Directors of the Urban Drainage and Flood Control District considers all unreserved fund balances as of January 1, 2014 and December 31, 2014 to be “reserves” for future operations or capital replacement as defined in Section 20 of Article X of the Constitution of the State of Colorado; and

WHEREAS, the District scheduled a public hearing for October 17, 2013, and published notice of same; and

WHEREAS, said hearing has been held as provided by law.

NOW, THEREFORE, BE IT RESOLVED THAT:

The Board of Directors of the Urban Drainage and Flood Control District approves and adopts the following budgets for Fiscal (calendar) Year 2014 as hereinafter set forth.

### I. GENERAL FUND

#### A. FUND BALANCE: 1/1/13

1. Restricted - Emergency Reserve	126,171
2. Reserve for Future Operations	486,694

#### B. REVENUE:

1. Taxes	4,100,000
2. Manuals and Publications	500
3. Seminars and Conferences	20,000
4. Master Plan Participation	0
5. Floodplain Management Participation	0
6. Self-Help Participation	0
7. Early Warning Planning Participation	0
8. USGS Data Participation	4,000
9. Interest	5,000
10. Miscellaneous	500
11. Project Participation Refund	10,000
Total Revenue	4,140,000

#### C. OTHER FINANCING SOURCES AND OPERATING TRANSFERS:

1. Project Returns – Interest	10,000
2. Transfers from Other Fund	0
Total	10,000

D.	TOTAL FUNDS AVAILABLE:	4,636,694
E.	EXPENDITURES:	
1.	Salaries and Services	2,334,491
2.1	Floodplain Management Activities	370,000
2.2	Information Services and Flood Warning	249,700
3.	Drainage Master Plans	570,000
4.	Special Projects	475,500
5.	Office and Operating Costs	292,900
6.	Local Expenses and Travel	63,000
7.	Treasurer's Fees	58,300
8.	Other	28,000
9.	Emergency Reserve	37,086
10.	Transfer to Other Fund	0
	Total Expenditures	4,478,977
F.	FUND BALANCE: 12/31/13	
1.	Restricted - Emergency Reserve	163,257
2.	Reserve for Future Operations	157,717

## II. SPECIAL REVENUE FUND - CONSTRUCTION

A.	FUND BALANCE: 1/1/13	
1.	Restricted - Emergency Reserve	364,989
2.	Reserve for Future Operations	263,891
B.	REVENUE:	
1.	Taxes	10,050,000
2.	Interest	10,000
3.	Other	0
4.	Project Participation Refund	75,000
	Total Revenues	10,135,000
C.	OTHER FINANCING SOURCES AND OPERATING TRANSFERS:	
1.	Project Returns - Interest	25,000
2.	Transfers from Other Funds	0
	Total	25,000
D.	TOTAL FUNDS AVAILABLE:	10,423,891
E.	EXPENDITURES:	
1.	Salaries and Services	679,615
2.	Operating Costs	307,700
3.	Local Expenses and Auto, and Travel	37,000
4.	Construction	8,755,000
5.	MGR Replacement Fund	2,660
6.	Treasurer's Fees	143,650
7.	Contingencies	215,000
8.	Emergency Reserve	(30,771)
9.	Transfer to Other Funds	0
	Total Expenditures	10,109,854

F.	FUND BALANCE: 12/31/13	
1.	Restricted – Emergency Reserve	334,218
2.	Reserve for Future Operations	314,037

### III. SPECIAL REVENUE FUND - MAINTENANCE

A.	FUND BALANCE: 1/1/13	
1.	Restricted - Emergency Reserve	303,347
2.	Reserve for Future Operations	794,673
B.	REVENUES:	
1.	Taxes	10,000,000
2.	Interest	15,000
3.	Other	5,000
4.	Project Participation Refund	4,000
	Total Revenues	10,024,000
C.	OTHER FINANCING SOURCES AND OPERATING TRANSFERS:	
1.	Project Returns - Interest	1,000
2.	Transfers from Other Funds	0
	Total	1,000
D.	TOTAL FUNDS AVAILABLE:	10,819,673
E.	EXPENDITURES:	
1.	Salaries and Services	867,029
2.	Operating Costs	323,600
3.	Local Expenses and Auto, and Travel	56,000
4.	Maintenance Service	8,324,954
5.	Small Project Participation	3,500
6.	Flood Warning	475,000
7.	Treasurer's Fees	145,000
8.	Contingency	240,000
9.	Emergency Reserve	39,705
10.	Transfer to Other Funds	0
	Total Expenditures	10,474,788
F.	FUND BALANCE: 12/31/13	
1.	Restricted - Emergency Reserve	343,052
2.	Reserve for Future Operations	344,885

### IV. SPECIAL REVENUE FUND - SOUTH PLATTE RIVER

A.	FUND BALANCE: 1/1/13	
1.	Restricted - Emergency Reserve	63,652
2.	Reserve for Future Operations	630,803
B.	REVENUE:	
1.	Taxes	2,200,000
2.	Interest	3,000
3.	Participation	0
4.	Project Participation Refund	0
5.	Other	0
	Total Revenues	2,203,000



C.	OTHER FINANCIAL SOURCES AND OPERATIONAL TRANSFERS:	
1.	Project Returns - Interest	0
2.	Transfer from Other Funds	0
	Total	<u>0</u>
D.	TOTAL FUNDS AVAILABLE:	2,833,803
E.	EXPENDITURES:	
1.	Salaries and Services	289,733
2.	Operating Costs	67,000
3.	Local Expenses and Travel	15,175
4.	Maintenance Service	1,135,000
5.	Construction	1,135,000
6.	Property Owner Coop Projects	0
7.	Treasurer's Fees	33,600
8.	Other	24,000
9.	Emergency Reserve	47,333
10.	Transfer to Other Funds	0
	Total Expenditures	<u>2,746,841</u>
F.	FUND BALANCE: 12/31/13	
1.	Restricted - Emergency Reserve	110,985
2.	Reserve for Future Operations	86,962

#### VI. FLOOD EMERGENCY CONTINGENCY FUND

A.	FUND BALANCE: 1/1/13	
1.	Reserved for Future Operations	0
B.	OTHER FINANCIAL SOURCES AND OPERATIONAL TRANSFERS:	
	Transfers from Other Funds	200,000
C.	TOTAL FUNDS AVAILABLE:	200,000
D.	EXPENDITURES:	
1.	Emergency Projects	200,000
E.	FUND BALANCE: 12/31/13	
1.	Reserve for Future Operation	0

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 44, SERIES OF 2013 (Appropriation of Funds for 2014)

WHEREAS, the Board has duly adopted a budget for the fiscal (calendar) year of 2014 based on 2013 property tax revenues received in 2014 (hereinafter referred to as “fiscal year 2014”) as provided by law; and

WHEREAS, the Statutes of the State of Colorado require that a resolution appropriating 2013 property tax revenue funds for use in fiscal (calendar) year 2014 be adopted prior to making expenditures; and

WHEREAS, the Board of Directors of the Urban Drainage and Flood Control District considers all unreserved fund balances as of January 1, 2014, to be “reserves” for future operations or capital replacement as defined in Section 20 of Article X of the Constitution of the State of Colorado.

NOW, THEREFORE, BE IT RESOLVED THAT:

The following sums of money are hereby appropriated as of this date, October 17, 2013, to the uses and purposes hereinafter indicated for the operation of the Urban Drainage and Flood Control District during the fiscal (calendar) year 2014.

### I. GENERAL FUND

A.	FUND BALANCE: 1/1/13	
1.	Restricted - Emergency Reserve	126,171
2.	Reserve for Future Operations	486,694
B.	REVENUE:	
1.	Taxes	4,100,000
2.	Manuals and Publications	500
3.	Seminars and Conferences	20,000
4.	Master Plan Participation	0
5.	Floodplain Management Participation	0
6.	Self-Help Participation	0
7.	Early Warning Planning Participation	0
8.	USGS Data Participation	4,000
9.	Interest	5,000
10.	Miscellaneous	500
11.	Project Participation Refund	10,000
	Total Revenue	4,140,000
C.	OTHER FINANCING SOURCES AND OPERATING TRANSFERS:	
1.	Project Returns – Interest	10,000
2.	Transfers from Other Fund	0
	Total	10,000
D.	TOTAL FUNDS AVAILABLE:	4,636,694
E.	EXPENDITURES:	
1.	Salaries and Services	2,334,491
2.1	Floodplain Management Activities	370,000
2.2	Information Services and Flood Warning	249,700
3.	Drainage Master Plans	570,000
4.	Special Projects	475,500

5.	Office and Operating Costs	292,900
6.	Local Expenses and Travel	63,000
7.	Treasurer's Fees	58,300
8.	Other	28,000
9.	Emergency Reserve	37,086
10.	Transfer to Other Fund	0
	Total Expenditures	<u>4,478,977</u>

F.	FUND BALANCE: 12/31/13	
1.	Restricted - Emergency Reserve	163,257
2.	Reserve for Future Operations	157,717

## II. SPECIAL REVENUE FUND - CONSTRUCTION

A.	FUND BALANCE: 1/1/13	
1.	Restricted - Emergency Reserve	364,989
2.	Reserve for Future Operations	263,891
B.	REVENUE:	
1.	Taxes	10,050,000
2.	Interest	10,000
3.	Other	0
4.	Project Participation Refund	75,000
	Total Revenues	<u>10,135,000</u>
C.	OTHER FINANCING SOURCES AND OPERATING TRANSFERS:	
1.	Project Returns - Interest	25,000
2.	Transfers from Other Funds	0
	Total	<u>25,000</u>
D.	TOTAL FUNDS AVAILABLE:	10,423,891
E.	EXPENDITURES:	
1.	Salaries and Services	679,615
2.	Operating Costs	307,700
3.	Local Expenses and Auto, and Travel	37,000
4.	Construction	8,755,000
5.	MGR Replacement Fund	2,660
6.	Treasurer's Fees	143,650
7.	Contingencies	215,000
8.	Emergency Reserve	(30,771)
9.	Transfer to Other Funds	0
	Total Expenditures	<u>10,109,854</u>
F.	FUND BALANCE: 12/31/13	
1.	Restricted – Emergency Reserve	334,218
2.	Reserve for Future Operations	314,037

## III. SPECIAL REVENUE FUND - MAINTENANCE

A.	FUND BALANCE: 1/1/13	
1.	Restricted - Emergency Reserve	303,347
2.	Reserve for Future Operations	794,673
B.	REVENUES:	
1.	Taxes	10,000,000

2.	Interest	15,000
3.	Other	5,000
4.	Project Participation Refund	4,000
	Total Revenues	<u>10,024,000</u>
C.	OTHER FINANCING SOURCES AND OPERATING TRANSFERS:	
1.	Project Returns - Interest	1,000
2.	Transfers from Other Funds	0
	Total	<u>1,000</u>
D.	TOTAL FUNDS AVAILABLE:	10,819,673
E.	EXPENDITURES:	
1.	Salaries and Services	867,029
2.	Operating Costs	323,600
3.	Local Expenses and Auto, and Travel	56,000
4.	Maintenance Service	8,324,954
5.	Small Project Participation	3,500
6.	Flood Warning	475,000
7.	Treasurer's Fees	145,000
8.	Contingency	240,000
9.	Emergency Reserve	39,705
10.	Transfer to Other Funds	0
	Total Expenditures	<u>10,474,788</u>
F.	FUND BALANCE: 12/31/13	
1.	Restricted - Emergency Reserve	343,052
2.	Reserve for Future Operations	344,885

#### IV. SPECIAL REVENUE FUND - SOUTH PLATTE RIVER

A.	FUND BALANCE: 1/1/13	
1.	Restricted - Emergency Reserve	63,652
2.	Reserve for Future Operations	630,803
B.	REVENUE:	
1.	Taxes	2,200,000
2.	Interest	3,000
3.	Participation	0
4.	Project Participation Refund	0
5.	Other	0
	Total Revenues	<u>2,203,000</u>
C.	OTHER FINANCIAL SOURCES AND OPERATIONAL TRANSFERS:	
1.	Project Returns - Interest	0
2.	Transfer from Other Funds	0
	Total	<u>0</u>
D.	TOTAL FUNDS AVAILABLE:	2,833,803
E.	EXPENDITURES:	
1.	Salaries and Services	289,733
2.	Operating Costs	67,000

3.	Local Expenses and Travel	15,175
4.	Maintenance Service	1,135,000
5.	Construction	1,135,000
6.	Property Owner Coop Projects	0
7.	Treasurer's Fees	33,600
8.	Other	24,000
9.	Emergency Reserve	47,333
10.	Transfer to Other Funds	0
	Total Expenditures	<u>2,746,841</u>

F.	FUND BALANCE: 12/31/13	
1.	Restricted - Emergency Reserve	110,985
2.	Reserve for Future Operations	86,962

#### VI. FLOOD EMERGENCY CONTINGENCY FUND

A.	FUND BALANCE: 1/1/13	
1.	Reserved for Future Operations	0
B.	OTHER FINANCIAL SOURCES AND OPERATIONAL TRANSFERS: Transfers from Other Funds	200,000
C.	TOTAL FUNDS AVAILABLE:	200,000
D.	EXPENDITURES:	
1.	Emergency Projects	200,000
E.	FUND BALANCE: 12/31/13	
1.	Reserve for Future Operation	0

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 45, SERIES OF 2013

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Goldsmith Gulch at Peakview Avenue, Unincorporated Arapahoe County)

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

WHEREAS, Arapahoe County has enacted floodplain regulations; and

WHEREAS, Arapahoe County has assigned and transferred to the Southeast Metro Stormwater Authority (SEMSWA) its rights and obligation for the Goldsmith Gulch at Peakview Avenue project; and

WHEREAS, the City and County of Denver, City of Greenwood Village, Arapahoe County, and the District, cooperated in the preparation of "Goldsmith Gulch Major Drainageway Planning" report, dated November 1977; and

WHEREAS, the Board previously authorized (Resolution No. 12, Series of 2013; Resolution No. 56, Series of 2012; and Resolution No. 29, Series of 2009) \$455,000 and SEMSWA previously authorized \$655,980 for a total project cost of \$1,110,980 for design, acquisition of right-of-way, and construction of improvements along Goldsmith Gulch at Peakview Avenue (Exhibit A); and

WHEREAS, SEMSWA and the District now desire to construct improvements along Goldsmith Gulch at Peakview Avenue; and

WHEREAS, SEMSWA has estimated the additional project costs to be \$254,020, resulting in a revised total project cost of \$1,365,000 (\$665,000 District; \$700,000 SEMSWA); and

WHEREAS, the District's additional participation being authorized by this resolution is \$210,000; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget (Resolution No. 51, Series of 2012) for calendar year 2013, subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Goldsmith Gulch at Peakview Avenue; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 58, Series of 2012) in which the improvements along Goldsmith Gulch at Peakview Avenue were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 29, Series of 2009, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the Goldsmith Gulch at Peakview Avenue project without prior approval of the Board shall be ~~\$455,000~~ **\$665,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by SEMSWA."
2. All other conditions and authorizations remain as stated in Resolution No. 29, Series of 2009.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

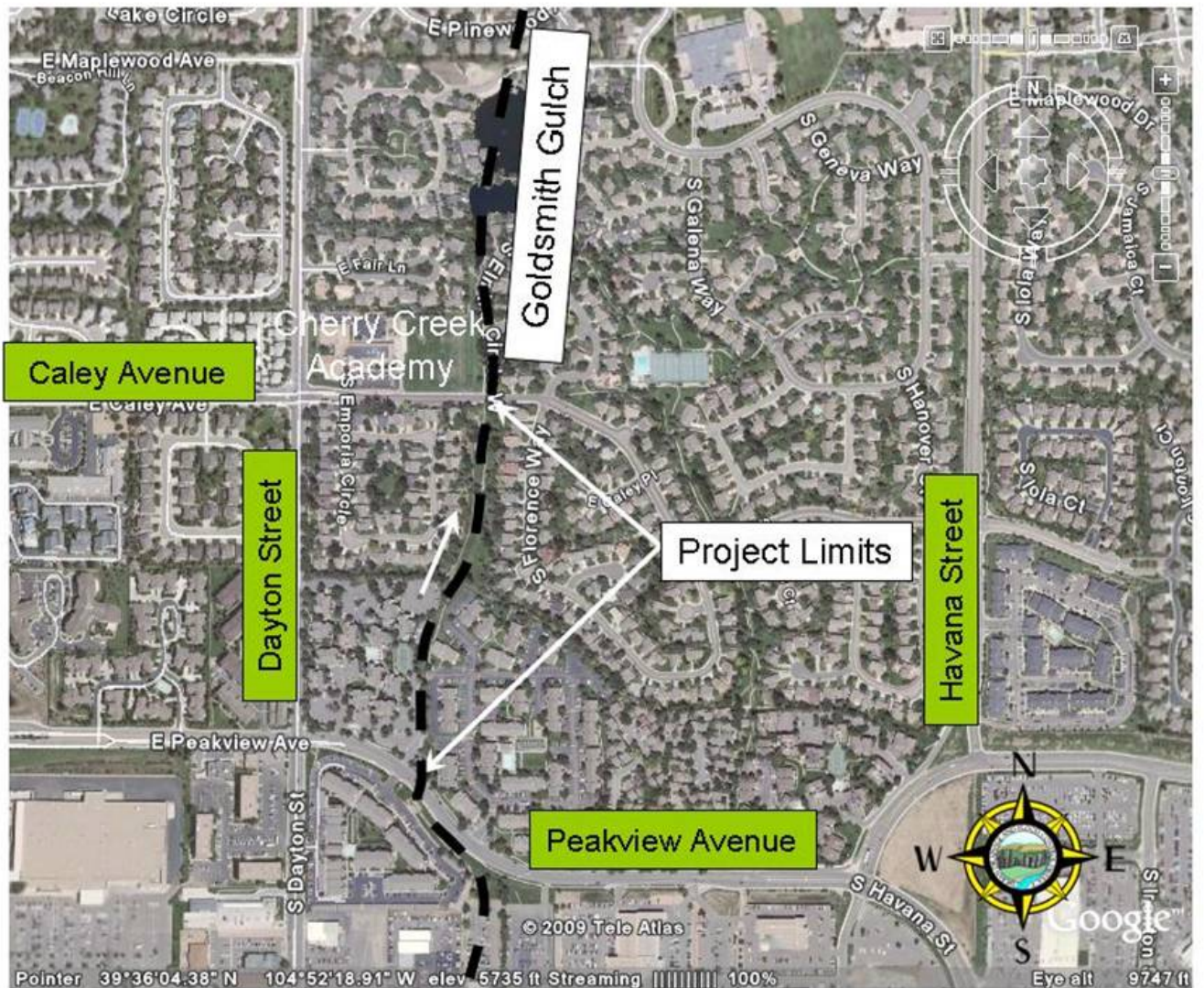


# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 45, SERIES OF 2013

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Goldsmith Gulch at Peakview Avenue, Unincorporated Arapahoe County)

### EXHIBIT A





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 46, SERIES OF 2013

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

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

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

WHEREAS, the City of Centennial has assigned and transferred to the Southeast Metro Stormwater Authority (SEMSWA), its rights and obligation for the Piney Creek at Caley Drive project; and

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

WHEREAS, the Board previously authorized (Resolution No. 40, Series of 2006; Resolution No. 57, Series of 2007; Resolution No. 69, Series of 2007; Resolution No. 7, Series of 2008; Resolution No. 11, Series of 2009; Resolution No. 33, Series of 2010; Resolution No. 66, Series of 2010; and Resolution No. 27, Series of 2011) \$1,650,000 for design, acquisition of right-of-way, and construction of improvements along Piney Creek at Caley Drive (Exhibit A); and

WHEREAS, SEMSWA and the District now desire to design and construct improvements along Piney Creek at Caley Drive; and

WHEREAS, SEMSWA has estimated the additional project costs to be \$415,000, resulting in a revised total project cost of \$4,523,000 (\$2,065,000 District; \$2,458,000 SEMSWA); and

WHEREAS, the District's additional participation being authorized by this resolution is \$415,000; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget (Resolution No. 51, Series of 2012) for calendar year 2013, subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Piney Creek at Caley Drive; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 58, Series of 2012) in which the improvements along Piney Creek at Caley Drive were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 40, Series of 2006, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the Piney Creek at Caley Drive project without prior approval of the Board shall be ~~\$1,650,000~~ **\$2,065,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by SEMSWA."
2. All other conditions and authorizations remain as stated in Resolution No. 40, Series of 2006.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

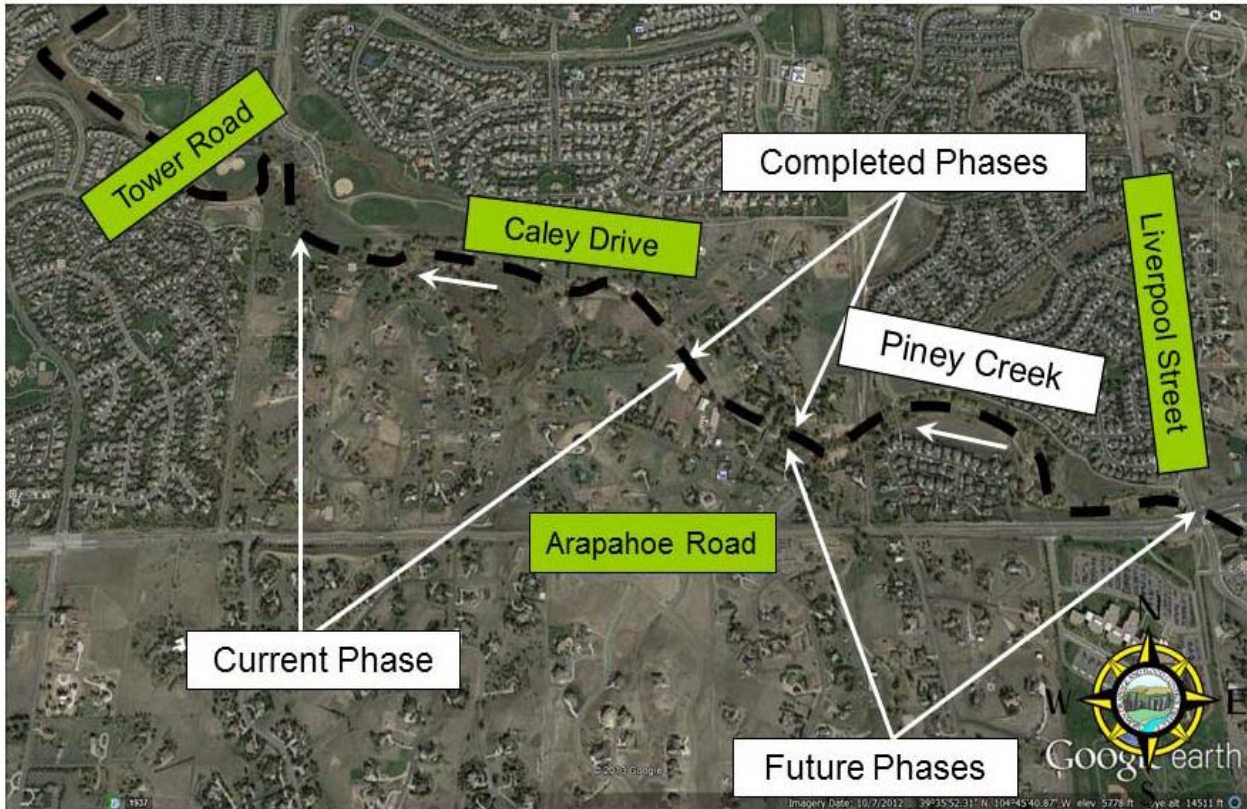


# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 46, SERIES OF 2013

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

### EXHIBIT A





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 47, SERIES OF 2013

(Additional Authorization for a Planning Study of Box Elder Creek)

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

WHEREAS, the Board previously authorized participation with Adams County, City and County of Denver, and City of Aurora (hereinafter SPONSORS) in the identification of solutions to stormwater drainage and flood control management problems for Box Elder Creek, Bear Gulch and Coyote Run (Exhibit A) leading to a master plan for the Box Elder Creek watershed from Jewell Avenue to 168<sup>th</sup> Avenue (Resolution No. 29, Series of 2012); and

WHEREAS, the need to develop the necessary floodplain hydrology and the level of complexity required to delineate the floodplain is now determined to be greater than anticipated at the time this project was budgeted; and

WHEREAS, the Board previously authorized expenditures in the amount of \$150,000 (\$100,000 Planning Study; \$50,000 FHAD); and

WHEREAS, the District and SPONSORS agree that increasing the project budget by \$25,000 is both appropriate and necessary; and

WHEREAS, the Board has previously established a Work Program for 2013 (Resolution No. 57, Series of 2012) which includes adequate funding for this work.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 29, Series of 2012, Paragraph 3, is amended as follows: “The expenditures for the consulting and mapping services are estimated at ~~\$285,000~~ **\$310,000** and the District’s share of total costs shall not exceed ~~\$150,000~~ **\$175,000** plus interest earned on monies deposited in the project fund which contribution for the planning portion of this project shall be matched by the City of Aurora, the City and County of Denver, and Adams County.
2. All other conditions and authorizations remain as stated in Resolution No. 29, Series of 2012.



(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 47, SERIES OF 2013  
(Additional Authorization for a Planning Study of Box Elder Creek)

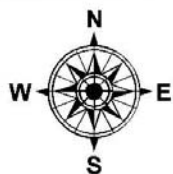
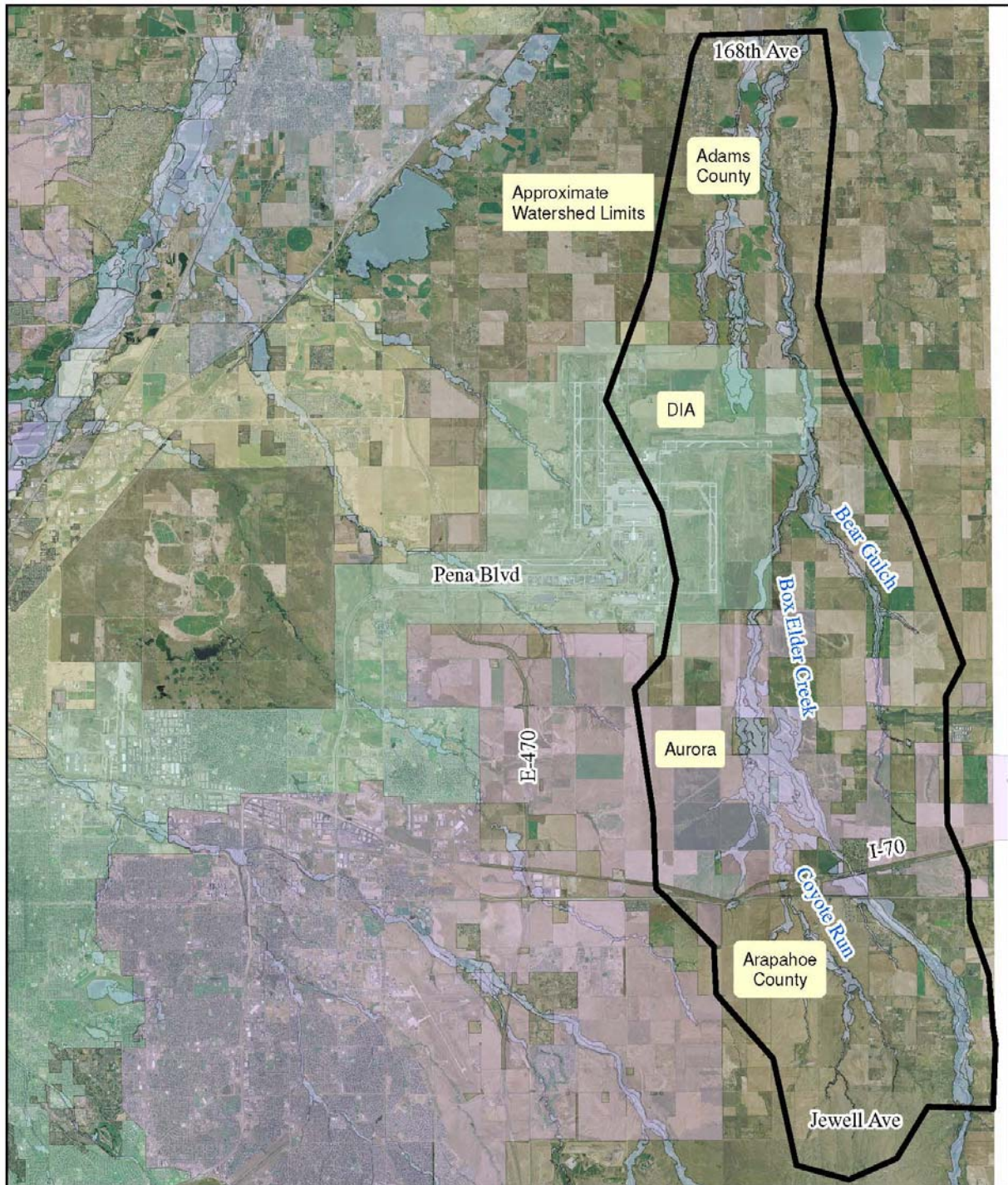


EXHIBIT A  
BOX ELDER CREEK  
Major Drainageway Plan and FHAD  
Approximate Study Limits  
July 2012



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 48, SERIES OF 2013  
(Acceptance of Sanderson Gulch Planning Study)

WHEREAS, the Board cooperated with the City and County of Denver and the City of Lakewood in the preparation of a major drainageway planning study for Sanderson Gulch (Resolution No. 6, Series of 2012); and

WHEREAS, the Executive Director executed an agreement for engineering services with the consulting firm of Matrix Design Group, Inc., to conduct studies and prepare a major drainageway planning report for Sanderson Gulch; and

WHEREAS, the District reviewed the alternatives presented by Matrix Design Group, Inc. and concurred with the need to complete the study based on an alternative selected in cooperation with the City and County of Denver and the City of Lakewood; and

WHEREAS, Matrix Design Group, Inc. has completed the study and submitted to the District the "Sanderson Gulch Major Drainageway Plan" report, dated September 2013.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board of Directors of the Urban Drainage and Flood Control District hereby accepts the report titled "Sanderson Gulch Major Drainageway Plan," dated September 2013, and recommends that all drainage, flood control and stormwater management infrastructure and practices recommended in the report be used to guide future drainage and flood control planning, land development, and design and construction of all such infrastructure within each jurisdiction covered by said plan.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 48, SERIES OF 2013  
(Acceptance of Sanderson Gulch Planning Study)

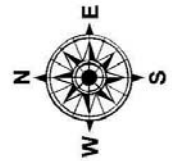
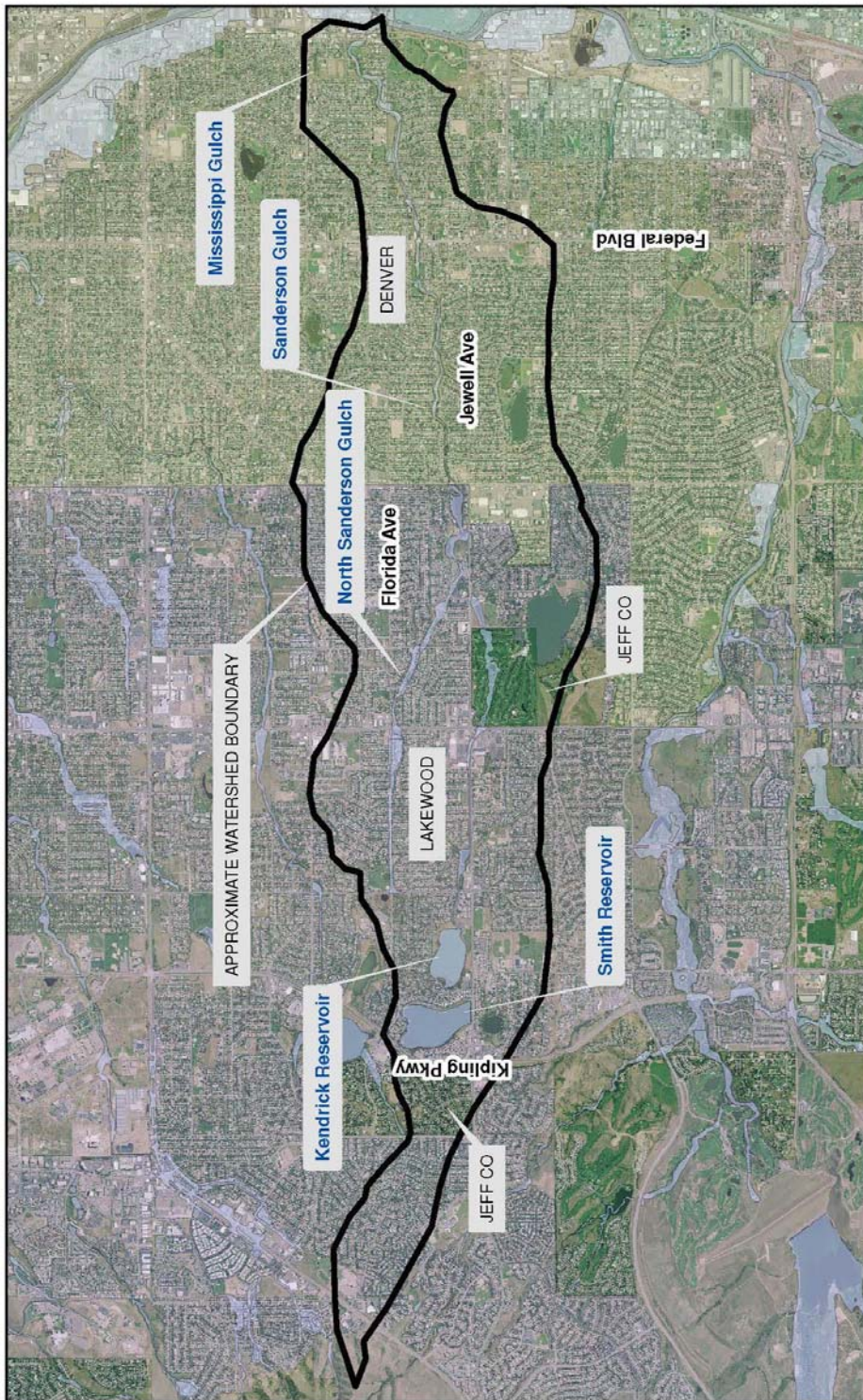


EXHIBIT A  
SANDERSON GULCH  
Major Drainage Plan and FHAD  
Approximate Study Limits  
January 2012



# URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

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## BOARD OF DIRECTORS MEETING

Date: Thursday, November 21, 2013

Time: 1:00 pm

Catered Lunch – 12:15 pm

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

1. **Call to Order and Pledge of Allegiance – 1:00 pm**
2. **Roll Call – Determination of Quorum**
3. **Introductions**
  - a. Visitors/Guests/Staff
4. **Approval of October 17, 2013 Meeting Minutes** *(If there are no corrections "Minutes stand approved", or with corrections "Minutes stand approved as corrected")*
5. **Executive Session – Executive Committee report of Director's Annual Review**
6. **Consent Agenda** *(Consent items are considered routine and will be approved by one motion unless a request is made by a Board Member for removal for further discussion or explanation.)*
  - a. Review of Cash Disbursements
  - b. Acceptance of Flood Hazard Area Delineation Report for Senac Creek  
(Resolution No. 49, Series of 2013)
  - c. Acceptance of Flood Hazard Area Delineation Report for Toll Gate Creek and East  
Toll Gate Creek (Downstream from Hampden)  
(Resolution No. 50, Series of 2013)
  - d. Acceptance of Flood Hazard Area Delineation Report for West Toll Gate Creek  
(Resolution No. 51, Series of 2013)
  - e. Acceptance of Flood Hazard Area Delineation Report for Cherry Creek, Cherry Creek  
Dam to South Platte River  
(Resolution No. 52, Series of 2013)
7. **Vote on Approval of the Consent Agenda** *(Motion and roll call vote required.)*
8. **Reports/Discussion**
  - a. Executive Director's Report
9. **Other Business**
  - a. Call for Volunteers: 2014 E.C. Selection Committee
  - b. Draft Capital Improvement Plan (CIP) and Work Plan Discussion
  - c. Master Planning Program Four-Year Strategic Plan
10. **Announcements**
  - a. Next Regularly Scheduled Meeting: **Thursday, December 19, 2013**
11. **Adjournment**



## URBAN DRAINAGE AND FLOOD CONTROL DISTRICT BOARD OF DIRECTORS

October 17, 2013

### MINUTES

#### **Members Present:**

Marsha Berzins, Mayor Pro Tem, City of Aurora  
Debbie Brinkman, Mayor, City of Littleton  
Joyce Downing, Mayor, City of Northglenn  
Faye Griffin, Commissioner, Jefferson County  
Cary Kennedy, Deputy Mayor, City/County of Denver  
Peggy Lehmann, Council Member, City/County of Denver  
Nancy McNally, Mayor, City of Westminster  
Bonnie McNulty, Mayor, City of Edgewater  
Lisa Morzel, Deputy Mayor, City of Boulder  
Stephanie Piko, Mayor Pro Tem, City of Centennial  
Jill Repella, Commissioner, Douglas County  
Dave Sellards, Engineer  
Nancy Sharpe, Commissioner, Arapahoe County  
Greg Stokes, Mayor Pro Tem, City/County of Broomfield  
Mary Beth Susman, Council Member, City/County of Denver  
Charles (Chaz) Tedesco, Commissioner, Adams County  
Heidi Williams, Mayor, City of Thornton  
Rachel Zenzinger, Mayor Pro Tem, City of Arvada

#### **Members Absent:**

Deb Gardner, Commissioner, Boulder County  
Mark Hunter, Engineer  
Paul Lopez, Council Member, City/County of Denver  
Bob Murphy, Mayor, City of Lakewood

#### **UDFCD Staff Present:**

Paul Hindman	Executive Director
Ed Krisor	Legal Counsel
Julia Bailey	Project Engineer, Information Systems & Flood Warning
Richard Borchardt	Senior Project Engineer, Design, Construction, and Maintenance
Barbara Chongtouna	Senior Project Engineer, Design, Construction, and Maintenance
Amelia Deleon	Administrative Services Manager
Frank Dobbins	Director, Finance and Accounting
Terri Fead	Senior Project Engineer, Floodplain Management
Bryan Kohlenberg	Senior Project Engineer, Design, Construction, and Maintenance
Laura Kroeger	Assistant Manager, Design, Construction, and Maintenance
David Mallory	Senior Project Engineer, Floodplain Management
Ken McKenzie	Manager, Master Planning
Holly Piza	Senior Project Engineer, Master Planning
Kevin Stewart	Manager, Information Systems & Flood Warning
Shea Thomas	Senior Project Engineer, Master Planning

#### **Others Present:**

Linda Strand, Colorado Open Space Alliance (COSA)  
Marc Pedrucci, Adams County (COSA Steering Committee)  
Heather Cronenberg, City of Westminster (COSA Steering Committee)



## **How the Districts Works – 2013 Flood Update**

Mr. Hindman conducted a follow-up presentation from last month's topic, the 2013 Flood Event.

1. **Call to Order and Pledge of Allegiance – 1:00 p.m.**  
Mayor McNally called the meeting to order at 1:00 p.m.
2. **Roll Call – Determination of Quorum**  
Roll was called and a quorum was declared present.
3. **Introductions**
  - a. **Visitors/Guests/Staff**  
Mr. Hindman introduced Linda Strand, Marc Predrucci, and Heather Cronenberg, with the Colorado Open Space Alliance (COSA).

### Awards

Every year, COSA acknowledges outstanding projects through the Blue Grama (Colorado's State Grass) awards and this year, the District was honored with the award for *Outstanding Achievement by an Organization*. The award was officially presented at the COSA Annual Conference in Crested Butte.

4. **Board approval of September 19, 2013 Meeting Minutes**  
Mayor McNally asked if there were any corrections to the September 19, 2013 minutes. Hearing none, the minutes were approved as submitted.
5. **Public Hearing**  
Mayor McNally opened the Public Hearing.

### **a. 2013 Budget**

Three resolutions were introduced in the budget discussion: Resolution No. 42 certifies the levy, Resolution No. 43 adopts the 2014 Budget, and Resolution No. 44 appropriates the funds.

Mr. Hindman stated that the final budget numbers were very close to the draft budget distributed at the last Board meeting. He then went on to provide a brief overview of the five funds that make up the total budget. The first four derive revenue from property taxes and include the General Fund, Construction, Maintenance, and the South Platte River. The remaining fund, Flood Emergency, is dependent on a transfer from the Maintenance Fund. Mr. Hindman also highlighted a few budget numbers of interest to the Board and explained how the tabor tax is calculated. Mayor McNally requested comments or questions from the Board and public. There being none, the 2014 Budget Public Hearing was closed.

## **6. Consent Agenda**

### **a. Review of Cash Disbursements**

Cash Disbursement list dated September and October 2013 had been distributed to the Board for review. There being no further comments or questions, it was the consensus of the Board to include approval of the Cash Disbursements on the Consent Agenda.

### **b. Certification of Tax Levy (Resolution No. 42, Series of 2013)**

Resolution No. 42, Certification of Tax Levy, was discussed during the Public Hearing portion of the meeting. There being no further comments or questions, it was the consensus of the Board to place Resolution No. 42 on the Consent Agenda.

### **c. Adoption of 2014 Budgets (Resolution No. 43, Series of 2013)**

Resolution No. 43, Adoption of 2013 Budgets, was discussed during the Public Hearing portion of the meeting. There being no further comments or questions, it was the consensus of the Board to place Resolution No. 43 on the Consent Agenda.

- d. **Appropriation of Funds for 2014 (Resolution No. 44, Series of 2013)**  
Resolution No. 44, Appropriation of Funds for 2013, was discussed during the Public Hearing portion of the meeting. There being no further comments or questions, it was the consensus of the Board to place Resolution No. 44 on the Consent Agenda.

- e. **Additional Authorization to Participate in Drainage and Flood Control Improvements on Goldsmith Gulch at Peakview Avenue, Unincorporated Arapahoe County (Resolution No. 45, Series of 2013)**

This is a joint project with Southeast Metro Stormwater Authority (SEMSWA). Icon Engineering designed the project under contract with SEMSWA. The drainage elements of the project include installation of drop structures, bank protection, and concrete box culverts. Easement and right-of-way acquisition is included in the project costs. The final design is now complete and the District and SEMSWA desire to construct the improvements which will be managed by SEMSWA.

SEMSWA has identified \$1,365,000 in total project costs with the District's participation being \$665,000. The previous authorizations (Resolution No. 56, Series 2012 and Resolution No. 29, Series of 2009) totaled \$455,000 to fund design and acquisition of right-of-way and partially fund construction. Construction is scheduled for Winter 2013 to Summer 2014.

Resolution No. 45 authorizes an additional \$210,000 of District funds from the Special Revenue Fund - Construction to at least be matched by SEMSWA for the design, acquisition of right-of-way, and construction of the drainage elements of the project.

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

- f. **Additional Authorization to Participate in Drainage and Flood Control Improvements on Piney Creek at Caley Drive, City of Centennial, Arapahoe County (Resolution No. 46, Series of 2013)**

This is a joint project with SEWSWA. CH2M Hill designed the project under contract with the District. The drainage elements of the project include installation of channel restoration and grade control. Easement and right-of-way acquisition is included in the project costs.

The final design and easement acquisition are underway. The District and SEMSWA desire to build-up funds needed to construct the improvements which will be managed by the District.

The District and SEMSWA have identified \$4,523,000 in total project costs with the District's participation being \$2,065,000. The previous authorizations (Resolution No. 40, Series of 2006; Resolution No. 57, Series of 2007; Resolution No. 69, Series of 2007; Resolution No. 7, Series of 2008; Resolution No. 11, Series 2009; Resolution No. 33, Series 2010; Resolution No. 66, Series 2010; and Resolution No. 27, Series of 2011) totaled \$1,650,000 to fund design and to partially fund acquisition of right-of-way and construction. Construction is anticipated to begin in 2014.

Resolution No. 46 authorizes an additional \$415,000 of District funds from the Special Revenue Fund - Construction to at least be matched by SEMSWA for the design, acquisition of right-of-way, and construction of the drainage elements of the project.

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

- g. **Additional Authorization for a Planning Study of Box Elder Creek (Resolution No. 47, Series of 2013)**

The Board previously authorized participation with Adams County, the City and County of Denver, and the City of Aurora in a planning study leading to a Major Drainageway

Plan (MDP) and a Flood Hazard Area Delineation (FHAD) for Coyote Run, Bear Gulch, and Box Elder Creek from Jewell Avenue to 168<sup>th</sup> Avenue in Weld County.

The watershed encompasses an area of approximately 395 square miles. The hydrology for the watershed was previously developed in two separate studies: the *Coyote Run and Upper Box Elder Creek Outfall Systems Planning Study* (CH2M Hill, 1995) analyzed the upper portion of the watershed and the *Preliminary Design Report for Lower Box Elder Creek Watershed* (Wright Water, 2001) analyzed the lower portion of the watershed. When budgeting this project, it was assumed the hydrologic models from those two studies could be easily updated and utilized; however, major modifications were required to establish one consistent working model.

The effective mapped floodplain for Box Elder Creek, Coyote Run and Bear Gulch is an approximate floodplain. The Flood Hazard Area Delineation associated with this project will delineate a detailed floodplain. The complexities involved with setting up the hydraulic model so it accurately represents the major split flow scenarios and also the unusual roadway overtoppings warrant additional funds to adequately develop the model.

The original study costs were projected to be \$235,000 for the MDP (\$135,000 local sponsors, \$100,000 UDFCD) and \$50,000 (UDFCD) for the FHAD study. The additional study costs are projected to be \$25,000 for the MDP (UDFCD).

Resolution No. 47 authorizes the additional expenditure of \$25,000 with the total District's share of the study not to exceed \$175,000 plus interest earned in the project's trust and agency account.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 47, on the Consent Agenda.

- h. Acceptance of Sanderson Gulch Planning Study (Resolution No. 48, Series of 2013)**  
Resolution No. 6 of 2012 authorized a major drainageway planning study for Sanderson Gulch for which the District partnered with the City and County of Denver and the City of Lakewood. Sanderson Gulch was previously studied in the very first UDFCD master plan in 1972.

The tributary area of the Sanderson Gulch watershed is 7.6 square miles and is almost completely developed. The 100-year peak flow rate at the confluence with the South Platte River is approximately 4500 cfs.

Improvements recommended in the study include:

- Increasing detention volume at the Jewell Park pond
- Formalizing the detention provided at the Carmody Park pond and increasing the storage volume
- New detention at the future Wilson Family Park
- New grade control structures and replacement of failed grade control structures
- Channel stabilization
- Increased capacity roadway crossings to pass the 100-year peak flow
- Channel improvements to remove structures from the floodplain
- Water quality enhancement

The total cost of improvements recommended in the study is just over \$40 million. Resolution No. 48 accepts the report and recommends the improvements and practices in the report be used as a guide in future public works projects and in land development activities.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 48, on the Consent Agenda.

**7. Vote on Approval of the Consent Agenda**

It was the consensus of the Board that Resolutions No. 42, 43, 44, 45, 46, 47, and 48 Series of 2013, and Cash Disbursements dated September and October 2013 be placed on the Consent Agenda. Deputy Mayor Morzel moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

**8. Reports/Discussion**

**a. Executive Director's Report**

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

**9. Other Business**

District's Annual Compensation Adjustment Process

Mayor McNally reminded everyone that the Executive Committee will be conducting the Executive Director's Annual Review. This effort will be coordinated by Sheree Steiner with the Mountain States Employer's Council. The format will proceed as follows:

- Sheree will contact all members of the Executive Committee and Ed Krisor to set up a time for a conference call. Information (satisfaction survey, economic trends, other organizational salary data) will be sent to the committee for review before the conference call.
- The Executive Committee will meet with Sheree an hour prior to the November Board meeting to finalize any changes to the Executive Director's compensation package, if any.
- At November Board meeting, there will be an Executive Session to inform the entire Board of the Executive Committee's recommendation in regard to the Executive Director's compensation package. If the Board has any concerns or changes, the Executive Committee will make those changes as needed.
- The Chair of the Executive Committee will submit to Frank Dobbins, Director of Finance, agreed upon changes, if any, to the Executive Director's compensation package.

Mayor McNally announced that prior to the start of this process, she will send out an email to the Board to solicit input into the Executive Director's review.

Appointment of Nominating Committee

Mayor McNally announced that at the next board meeting, we will be requesting volunteers to serve as the Nominating Committee for the 2014 Executive Committee. Mayor McNally also asked that anyone interested in running for office, should let her know.

At the December board meeting, the Nominating Committee will announce their recommendations for the 2014 Executive Committee. The Board will then vote on the recommendations.

**10. Announcements**

The next board meeting will take place on November 21st.

**11. Adjournment**

Mayor McNally adjourned the meeting at 2:45 pm.

# Executive Director's Report

October 17, 2013

## Administrative

We've hit a few bumps along the road but we are making headway with the implementation of our new electronic data management system (DMS). At the APWA Conference in August, the District conducted a seminar on the valuable lessons learned and past mistakes made when selecting a DMS, in an effort to help other government agencies from making the same mistakes.

## Program

As announced at last month's Board meeting, Bill DeGroot, who manages our Floodplain Management Program, has decided to enjoy life a little more and will be retiring in February, 2014. To find his successor, we opened the position up to existing staff to see if there was any interest. Since there was more than one person interested in the position, and all candidates are highly qualified, I followed the procedure we have implemented in the past for managerial positions and formed an Interview Committee. The committee, made up of Mark Hunter, Board Member, Leslie Thomas, City Engineer for City and County of Denver, and me, will review applications, conduct interviews, and make a selection. Applications are due tomorrow and interviews will be conducted within the next few weeks. Hopefully, by the next Board Meeting, I will be introducing the new Manager of our Floodplain Management Program. They will then spend the next few months with Bill to try and accomplish a seamless transition.

In the Design, Construction, and Maintenance Program, you probably remember that last year we got assessed with a 404 permit violation from EPA. The final "t" has been crossed and we signed the final consent decree with them. As part of the settlement, we paid a fee in the amount of \$3,450 and will be performing some on-site work on Piney Creek. It has been an educational experience for all of us and we have taken precautionary steps to avoid this in the future.

## Finance

I never thought I'd be happy with a 0.13% interest rate on CDs, but I am. That is the rate we got from Wells Fargo, a bank we haven't done business with for over 10 years! They have always quoted us rates each month but have never offered a competitive one until now. This month they got aggressive and beat the other banks by 10 basis points. They are a great bank to work with.

## State and Federal Government Advocacy

I think we all know what is happening at the Federal Government.

## Personal

Claudia and I celebrated our 35<sup>th</sup> wedding anniversary in August. Typically, anniversaries pass with dinner and a card. This year, I finally took care of something I should have done 35 years ago, I formally proposed to her. Back when we were in college, we just decided one day to get married (that's how I remember it, anyway). Every time we watch a romantic movie and some guy gets down on one knee and proposes, I hear "At least SHE got proposed to." Well this year, I booked a room at one of the hotels/casinos in Central City. We haven't been up there since gambling was allowed so I had a seemingly novel reason to go.



After dinner, we gambled a little then took a break at the bar. She was playing the electronic poker and I told her I had to go to the bathroom. I filled the hostess in on my plan and arranged for champagne to be delivered. I then ran upstairs to the room and got the 'new' wedding ring I bought. At the bar, I got down on one knee and proposed to Claudia, asking "would you spend the next 35 years with me?" She said 'yes' so I slipped the ring on her finger, we toasted with champagne, and she cried. Now, I can watch my romantic comedies in peace!

## Employee News

Whether you are starting an employee newsletter from scratch or trying to freshen up your existing newsletter, a good design is essential. A well designed document is easier to read. Employees will know exactly what kinds of information to expect and where to find each in the newsletter. A good design also makes it easier, and cheaper, to produce and update your newsletter.

You can also use much of the content you put in your newsletter for your Web site. Microsoft Word offers a simple way to convert your newsletter to a Web publication. So, when you're finished writing your newsletter, convert it to a Web site and post it on your company intranet.

The subject matter that appears in newsletters is virtually endless. You can include stories that focus on current technologies or innovations in your field.







THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 49, SERIES OF 2013

(Acceptance of Flood Hazard Area Delineation Report for Senac Creek)

WHEREAS, the Board has previously established a Work Program for 2013 (Resolution No. 57, Series of 2012) which included master planning and the delineation of flood hazard areas; and

WHEREAS, the Board has previously authorized the Executive Director to expend funds from the Flood Hazard Area Delineation budget for the completion of flood hazard area delineation studies (Resolution No. 75, Series of 2012); and

WHEREAS, the Executive Director has executed an agreement with Matrix Design Group for a master plan and flood hazard area delineation study of Senac Creek; and

WHEREAS, a report "Flood Hazard Area Delineation, Senac Creek," dated October 2013, has been completed by Matrix Design Group; and

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

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board of Directors of the Urban Drainage and Flood Control District accepts the report "Flood Hazard Area Delineation, Senac Creek," dated October 2013, and recommends its use as a guide in future planning related to the floodplains contained therein.
2. The Board of Directors of the Urban Drainage and Flood Control District recommends that Aurora and Arapahoe County adopt the report and regulate the 100-year floodplains defined in the report.
3. The Board of Directors of the Urban Drainage and Flood Control District submit the report for designation and approval by the Colorado Water Conservation Board as stated in Section 37-60-106(1)(c), C.R.S., as flood hazard areas, those areas described as being inundated by the 100-year flood.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 49, SERIES OF 2013  
(Acceptance of Flood Hazard Area Delineation Report for Senac Creek)

**EXHIBIT A**



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 50, SERIES OF 2013

(Acceptance of Flood Hazard Area Delineation Report for Toll Gate Creek  
and East Toll Gate Creek [Downstream from Hampden])

WHEREAS, the Board has previously established a Work Program for 2010 (Resolution No. 72, Series of 2009) which included master planning and the delineation of flood hazard areas; and

WHEREAS, the Board has previously authorized the Executive Director to expend funds from the Flood Hazard Area Delineation budget for the completion of flood hazard area delineation studies (Resolution No. 77, Series of 2009); and

WHEREAS, the Executive Director has executed an agreement with J3 Engineering Consultants, Inc. for a master plan and flood hazard area delineation study for Toll Gate Creek and East Toll Gate Creek (Downstream from Hampden); and

WHEREAS, a report "Flood Hazard Area Delineation Toll Gate Creek and East Toll Gate Creek (Downstream from Hampden) Cherry Creek," dated November 2013, has been completed by J3 Engineering Consultants, Inc.; and

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

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board of Directors of the Urban Drainage and Flood Control District accepts the report "Flood Hazard Area Delineation, Toll Gate Creek and East Toll Gate Creek (Downstream from Hampden)," dated November 2013, and recommends its use as a guide in future planning related to the floodplains contained therein.
2. The Board of Directors of the Urban Drainage and Flood Control District recommends that Aurora and Arapahoe County adopt the report and regulate the 100-year floodplains defined in the report.
3. The Board of Directors of the Urban Drainage and Flood Control District submit the report for designation and approval by the Colorado Water Conservation Board as stated in Section 37-60-106(1)(c), C.R.S., as flood hazard areas, those areas described as being inundated by the 100-year flood.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 50, SERIES OF 2013

(Acceptance of Flood Hazard Area Delineation Report for Toll Gate Creek  
and East Toll Gate Creek [Downstream from Hampden])

**EXHIBIT A**



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 51, SERIES OF 2013

(Acceptance of Flood Hazard Area Delineation Report for West Toll Gate Creek)

WHEREAS, the Board has previously established a Work Program for 2010 (Resolution No. 72, Series of 2009) which included master planning and the delineation of flood hazard areas; and

WHEREAS, the Board has previously authorized the Executive Director to expend funds from the Flood Hazard Area Delineation budget for the completion of flood hazard area delineation studies (Resolution No. 77, Series of 2009); and

WHEREAS, the Executive Director has executed an agreement with Michael Baker Jr., Inc. for a master plan and flood hazard area delineation study of West Toll Gate Creek; and

WHEREAS, a report "Flood Hazard Area Delineation West Toll Gate," dated November 2013, has been completed by Michael Baker Jr., Inc.; and

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

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board of Directors of the Urban Drainage and Flood Control District accepts the report "Flood Hazard Area Delineation, West Toll Gate Creek," dated November 2013, and recommends its use as a guide in future planning related to the floodplains contained therein.
2. The Board of Directors of the Urban Drainage and Flood Control District recommends that Aurora and Arapahoe County adopt the report and regulate the 100-year floodplains defined in the report.
3. The Board of Directors of the Urban Drainage and Flood Control District submit the report for designation and approval by the Colorado Water Conservation Board as stated in Section 37-60-106(1)(c), C.R.S., as flood hazard areas, those areas described as being inundated by the 100-year flood.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 51, SERIES OF 2013

(Acceptance of Flood Hazard Area Delineation Report for West Toll Gate Creek)

**EXHIBIT A**





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 52, SERIES OF 2013

(Acceptance of Flood Hazard Area Delineation Report for Cherry Creek,  
Cherry Creek Dam to South Platte River)

WHEREAS, the Board has previously authorized the Executive Director to expend funds from the Flood Hazard Area Delineation budget for the completion of flood hazard area delineation studies (Resolution No. 77, Series of 2009); and

WHEREAS, the Executive Director has executed an agreement with Matrix Design Group for a flood hazard area delineation study of Cherry Creek; and

WHEREAS, a report "Flood Hazard Area Delineation, Cherry Creek, Cherry Creek Dam to South Platte River," dated October 2013, has been completed by Matrix Design Group; and

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

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board of Directors of the Urban Drainage and Flood Control District accepts the report "Flood Hazard Area Delineation, Cherry Creek, Cherry Creek Dam to South Platte River," dated October 2013, and recommends its use as a guide in future planning related to the floodplains contained therein.
2. The Board of Directors of the Urban Drainage and Flood Control District recommends that Denver, Glendale and Arapahoe County adopt the report and regulate the 100-year floodplains defined in the report.
3. The Board of Directors of the Urban Drainage and Flood Control District submit the report for designation and approval by the Colorado Water Conservation Board as stated in Section 37-60-106(1)(c), C.R.S., as flood hazard areas, those areas described as being inundated by the 100-year flood.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

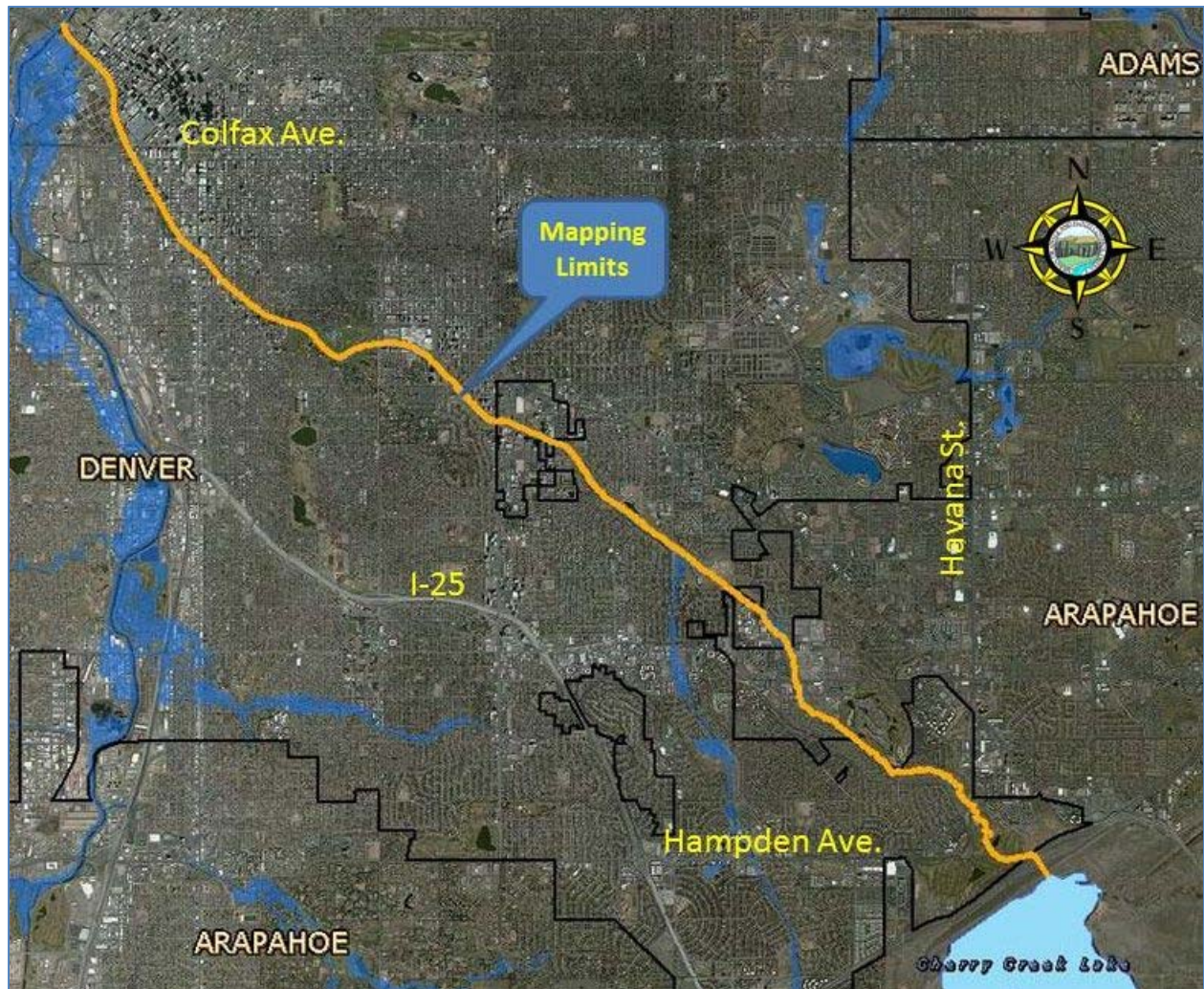
\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 52, SERIES OF 2013  
(Acceptance of Flood Hazard Area Delineation Report for Cherry Creek,  
Cherry Creek Dam to South Platte River)

**EXHIBIT A**





# URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

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## BOARD OF DIRECTORS MEETING

Date: Thursday, December 19, 2013

Time: 1:00 pm

Catered Lunch – 12:15 pm

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

1. **Call to Order and Pledge of Allegiance – 1:00 pm**
2. **Roll Call – Determination of Quorum**
3. **Introductions**
  - a. Visitors/Guests/Staff
    - i. New Interns
    - ii. International Student
  - b. Awards/Presentations
    - i. NAFSMA L. Scott Tucker Award
4. **Approval of November 21, 2013 Meeting Minutes** (*If there are no corrections "Minutes stand approved", or with corrections "Minutes stand approved as corrected"*)
5. **Public Hearing**
  - a. Presentation of Proposed 2013 – 2017 Five-Year Capital Improvement Plan
6. **Consent Agenda** (*Consent items are considered routine and will be approved by one motion unless a request is made by a Board Member for removal for further discussion or explanation.*)
  - a. Review of Cash Disbursements
  - b. Adoption of 2014 Work Program  
(Resolution No. 53, Series of 2013)
  - c. Adoption of Five-Year Capital Improvement Plan (CIP): 2013 – 2017  
(Resolution No. 54, Series of 2013)
  - d. Authorization of 2014 Maintenance Plan Expenditures  
(Resolution No. 55, Series of 2013)
  - e. Authorization of 2014 Operation Expenditures for the South Platte River  
(Resolution No. 56, Series of 2013)
  - f. Additional Authorization to Participate in Drainage and Flood Control Improvements on Lakewood Gulch, Wolff Street to Sheridan Boulevard  
(Resolution No. 57, Series of 2013)
  - g. Additional Authorization to Participate in Drainage and Flood Control Improvements on Cherry Creek from Monaco Parkway to E. Iliff Avenue, City and County of Denver  
(Resolution No. 58, Series of 2013)
  - h. Additional Authorization to Participate in Drainage and Flood Control Improvements along West Fork Kenneys Run from 23<sup>rd</sup> Street to 24<sup>th</sup> Street, City of Golden, Jefferson County  
(Resolution No. 59, Series of 2013)
  - i. 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. 60, Series of 2013)
  - j. Additional Authorization to Participate in Drainage and Flood Control Improvements on Fairmount Outfall, East of McIntyre Street, Jefferson County  
(Resolution No. 61, Series of 2013)

- k. Additional Authorization to Participate in Drainage and Flood Control Improvements on Nissen Reservoir Drainageway [Basin 3207] at Lowell Boulevard, City and County of Broomfield (Resolution No. 62, Series of 2013)
- l. Additional Authorization to Participate in Drainage and Flood Control Improvements on Little Dry Creek from Lowell Boulevard to Federal Boulevard, City of Westminster, Adams County (Resolution No. 63, Series of 2013)
- m. Authorization of 2014 Maintenance Expenditures to Assist Local Governments in Maintaining Existing Flood Warning Systems (Resolution No. 64, Series of 2013)
- n. Authorization to Establish an Areawide Meteorological Support Service to Local Governments (Resolution No. 65, Series of 2013)
- o. Authorization of Funds to Complete Flood Hazard Area Delineation Studies, Letter of Map Change Studies, Risk MAP Studies, and Other Floodplain Management Activities (Resolution No. 66, Series of 2013)
- p. Authorization to Assist Communities with NPDES MS4 Permit Compliance, to Develop Engineering Criteria and Software, and to Conduct Stormwater Management Research (Resolution No. 67, Series of 2013)
- q. Authorization to Enter into Agreement with the U.S. Geological Survey (USGS) for Rainfall/Runoff Investigation (Resolution No. 68, Series of 2013)
- r. Authorization for a Planning Study of Montclair Watershed (Resolution No. 69, Series of 2013)
- s. Authorization for a Planning Study of Sand Creek Right Bank Tributaries (Resolution No. 70, Series of 2013)
- t. Authorization for a Planning Study of SJCD 6100 at Coal Mine Avenue (Resolution No. 71, Series of 2013)
- u. Authorization for a Planning Study of Little Dry Creek (Resolution No. 72, Series of 2013)

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

**8. Reports/Discussion**

- a. Executive Director's Report

**9. Other Business**

- a. Appointment of 2014 Nominating Committee
- b. Appointment of 2014 Legislative Committee

**10. Announcements**

- a. Next Regularly Scheduled Meeting: **Monday, February 03, 2014**  
**The Board Does Not Meeting in January.**

**11. Adjournment**



## URBAN DRAINAGE AND FLOOD CONTROL DISTRICT BOARD OF DIRECTORS

November 21, 2013

### MINUTES

#### **Members Present:**

Marsha Berzins, Mayor Pro Tem, City of Aurora  
Joyce Downing, Mayor, City of Northglenn  
Faye Griffin, Commissioner, Jefferson County  
Paul Lopez, Council Member, City/County of Denver  
Mark McGoff, Mayor Pro Tem, City of Arvada  
Bonnie McNulty, Mayor, City of Edgewater  
Lisa Morzel, Deputy Mayor, City of Boulder  
Bob Murphy, Mayor, City of Lakewood  
Stephanie Piko, Mayor Pro Tem, City of Centennial  
Dave Sellards, Engineer  
Nancy Sharpe, Commissioner, Arapahoe County  
Greg Stokes, Mayor Pro Tem, City/County of Broomfield  
Heidi Williams, Mayor, City of Thornton

#### **Members Absent:**

Deb Gardner, Commissioner, Boulder County  
Mark Hunter, Engineer  
Cary Kennedy, Deputy Mayor, City/County of Denver  
Peggy Lehmann, Council Member, City/County of Denver  
Jill Repella, Commissioner, Douglas County  
Mary Beth Susman, Council Member, City/County of Denver  
Charles (Chaz) Tedesco, Commissioner, Adams County

#### **UDFCD Staff Present:**

Paul Hindman	Executive Director
Ed Krisor	Legal Counsel
Julia Bailey	Project Engineer, Information Systems & Flood Warning
Richard Borchardt	Senior Project Engineer, Design, Construction, and Maintenance
Barbara Chongtoui	Senior Project Engineer, Design, Construction, and Maintenance
Amelia Deleon	Administrative Services Manager
Terri Fead	Senior Project Engineer, Floodplain Management
Bryan Kohlenberg	Senior Project Engineer, Design, Construction, and Maintenance
Laura Kroeger	Assistant Manager, Design, Construction, and Maintenance
David Mallory	Senior Project Engineer, Floodplain Management
Ken MacKenzie	Manager, Master Planning
Holly Piza	Senior Project Engineer, Master Planning
Kevin Stewart	Manager, Information Systems & Flood Warning
Shea Thomas	Senior Project Engineer, Master Planning

#### **Others Present:**

Nancy McNally	Committee Chair, Executive Director Annual Review
Sheree Steiner	Mountain States Employers Council (MSEC)
Jesus Orrantiah	Council Aid for Council Member Lopez
Andrew Midwood	Otak

#### **How the Districts Works – Definitions**

Mr. Hindman conducted a presentation on District Definitions.

- 1. Call to Order and Pledge of Allegiance – 1:00 p.m.**  
Council Member Lopez called the meeting to order at 1:00 p.m.



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

Roll was called and a quorum was declared present.

**3. Introductions**

**a. Visitors/Guests/Staff**

Mr. Hindman introduced Nancy McNally. While Nancy no longer serves on the Board, she was present at the meeting to assist in the presentation of the Executive Director's Annual Review during the Executive Session.

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

Mr. Ed Krisor swore in Mayor Pro Tem Mark McGoff representing the City of Arvada.

Awards

There were no awards to present at this month's board meeting.

**4. Board approval of October 17, 2013 Meeting Minutes**

Council Member Lopez asked if there were any corrections to the October 17, 2013 minutes. Hearing none, the minutes were approved as submitted.

**5. Executive Session – Executive Committee report of Director's Annual Review**

It was moved by Council Member Lopez to go into Executive Session at 1:15 pm to receive the findings of the Executive Director's Annual Review Committee. Sheree Steiner with MSEC was allowed to remain in the Executive Session to provide support information. The Executive Session concluded at 1:45 p.m.

**6. Consent Agenda**

**a. Review of Cash Disbursements**

Cash Disbursement list dated October and November 2013 had been distributed to the Board for review. There being no further comments or questions, it was the consensus of the Board to include approval of the Cash Disbursements on the Consent Agenda.

**b. Acceptance of Flood Hazard Area Delineation Report for Senac Creek  
(Resolution No. 49, Series of 2013)**

This is a Flood Hazard Area Delineation (FHAD) Report for Senac Creek located in Aurora and Arapahoe County. Resolution No. 49 accepts the FHAD dated October 2013, recommends that Aurora and Arapahoe County adopt the report and regulate the floodplain, and directs that the report be submitted to the Colorado Water Conservation Board (CWCBC) for designation and approval.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 49, on the Consent Agenda.

**c. Acceptance of Flood Hazard Area Delineation Report for Toll Gate Creek and East Toll Gate Creek (Downstream of Hampden)  
(Resolution No. 50, Series of 2013)**

This is a Flood Hazard Area Delineation (FHAD) Report for Toll Gate Creek and East Toll Gate Creek located in Aurora and Arapahoe County. Resolution No. 50 accepts the FHAD dated October 2013, recommends that Aurora and Arapahoe County adopt the report and regulate the floodplain, and directs that the report be submitted to the Colorado Water Conservation Board (CWCBC) for designation and approval.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 50, on the Consent Agenda.

**d. Acceptance of Flood Hazard Area Delineation Report for West Toll Gate Creek  
(Resolution No. 51, Series of 2013)**

This is a Flood Hazard Area Delineation (FHAD) Report for West Toll Gate Creek located in Aurora and Arapahoe County. Resolution No. 51 accepts the FHAD dated November 2013, recommends that Aurora and Arapahoe County adopt the report and



regulate the floodplain, and directs that the report be submitted to the Colorado Water Conservation Board (CWCB) for designation and approval.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 51, on the Consent Agenda.

**e. Acceptance of Flood Hazard Delineation Report for Cherry Creek, Cherry Creek Dam to South Platte River (Resolution No. 52, Series of 2013)**

This is a Flood Hazard Area Delineation (FHAD) Report for Cherry Creek, Cherry Creek Dam to South Platte River located in Denver, Glendale, and Arapahoe County.

Resolution No. 52 accepts the FHAD dated October 2013, recommends that Denver, Glendale and Arapahoe County adopt the report and regulate the floodplain, and directs that the report be submitted to the Colorado Water Conservation Board (CWCB) for designation and approval.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 52, on the Consent Agenda.

**7. Vote on Approval of the Consent Agenda**

It was the consensus of the Board that Resolutions No. 49, 50, 51, and 52 Series of 2013, and Cash Disbursements dated October and November 2013 be placed on the Consent Agenda.

Commissioner Sharpe moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

**8. Reports/Discussion**

**a. Executive Director's Report**

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

**9. Other Business**

Floodplain Management Changes

Mr. Hindman announced that the selection committee for the next Program Manager of the Floodplain Management (FPM) Program has selected David Mallory to the position. Dave has worked in the FPM Program for many years and Paul is confident that he will do an excellent job managing the department.

Bill DeGroot's last day will be Monday, February 3, which coincidentally, falls on the day of the Board's Annual Meeting. Mr. Hindman announced that Board Members will soon see a "Save the Date" for Bill's retirement party taking place on Thursday, February 6<sup>th</sup> at the Colorado History Museum.

Call for Volunteers: Nominating Committee for 2014 Officers

Council Member Lopez requested volunteers to serve on the Nominating Committee for the 2014 Executive Committee. Mayor McNulty, Deputy Mayor Morzel, and Commissioner Sharpe all volunteered to serve on the Nominating Committee. At the December board meeting, the Nominating Committee will announce their recommendations and the Board will then vote on the recommendations.

Draft Capital Improvement Plan (CIP) and Work Plan Discussion

The CIP is the basis for the District's participation in projects with local governments. The budget for the 2014 CIP was approved at the October Board Meeting and allocates \$8,755,000 for 2014 design and construction projects. The District has also created a CIP plan for the South Platte River. This will aid in planning and budgeting funds for large projects on the river. The Board allocated \$1,135,000 for 2014 South Platte River CIP projects.

The District has worked closely with local governments to incorporate priority projects in the CIP, including incorporating follow-up requests that were submitted as a result of the 2013 flood. These draft plans will be sent out to our local government contacts for their review and comment.

Once comments are incorporated, these documents will be finalized and presented for Board Approval at next month's board meeting.

Master Planning Program Four-Year Strategic Plan

Every year, the District sends a letter to all the communities we serve, requesting master planning needs for the next four years. The District matches up to 50% of all master planning studies and approximately six studies a year are conducted. Unlike the CIP, the strategic plan is not brought to the Board for approval; rather, each individual master plan will come up for authorization through a resolution.

**10. Announcements**

The next board meeting will take place on December 19<sup>th</sup>.

**11. Adjournment**

Council Member Lopez adjourned the meeting at 2:45 pm.

# Executive Director's Report

November 21, 2013

## Administrative

As the holiday season approaches, I want to share with you one of the volunteer events that our staff participates in to give back to the community. Each year, through Volunteers of America, we sponsor a less-fortunate family or an organization, so that they too can experience the joy of Christmas. Our staff contribute their own funds to provide gifts so that each person has something to open on Christmas day. In my opinion, this is what a community is all about.

## Program

**Design and Construction:** In September, the Board authorized the use of the District's \$500,000 Emergency Fund, if approved by the Board appointed committee (Dave Sellards, Nancy McNally, and Heidi Williams). Most of our efforts to clean up and repair facilities due to the floods were completed with existing funds, with the exception of four areas: three in Boulder and one in Adams County. To adequately repair these areas, it required the use of Emergency Funds. The committee approved the expenditures and we have used those funds to make the repairs.

**Floodplain Management:** I'm pleased to announce that the selection committee for the next Program Manager of Floodplain Management (Mark Hunter, Leslie Thomas, and I) has selected David Mallory to the position. Dave has worked in the Floodplain Management program for many years and I'm confident he will continue to uphold its reputation of excellence. Bill's last day will be Monday, February 3<sup>rd</sup>, the day of the Board's Annual Meeting.

**Master Planning:** Ken MacKenzie and Holly Piza of our Master Planning program are partnering with the City and County of Denver to develop a Green Infrastructure (GI) Implementation Manual. GI is a method to treat storm water so that it mimics historic hydrology, both quality and quantity. GI typically involves infiltrating rainfall into the ground as soon as possible. Rain gardens are an example of one type of GI. A manual for the semi-arid west currently doesn't exist, which is why this endeavor is important to the City and County of Denver as well as other communities, as more and more regulations from the federal government are imposed on them.

## Finance

Nothing new to report here, C.D. interest rates remain steady at 0.13%.

## State and Federal Government Advocacy

**State and Local Government:** On the State level, the Governor is visiting communities to review the flooding of September. Tomorrow, Kevin Stewart, Manager of our Flood Warning program, will meet with Governor Hickenlooper at the City of Aurora to brief him on all the rainfall and stream data that we've collected during the flood. I know Kevin will do a good job summarizing all the highly technical information, including reams of data, to present to the Governor.

**Federal:** On the federal front, the storm water rule from EPA that was expected this year has not been produced. At this time, it is tied up in the courts and with negotiations with the Chesapeake Bay Foundation.

## Personal

**BABY BORN TODAY!** My grandson is apparently quite comfortable with his current living conditions and chooses to stay in his mother's womb, which is why my daughter, Elisa, is being induced today. My wife, Claudia, drove out yesterday and I'm flying out tomorrow to be with our daughter and accept our new roles as Grandparents. I obviously don't have a picture yet, but I hope to post one for the December report. I'm leaving my phone on today so I may get a call during this meeting – if I do, I'll let you all know.

Have a great Thanksgiving!





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 53, SERIES OF 2013

(Adoption of 2014 Work Program)

WHEREAS, the 2014 Budget anticipated a work plan emphasizing the planning, design, and construction of solutions to major drainage problems in the District; and

WHEREAS, the 2014 Budget anticipated a work plan emphasizing maintenance and preservation of major drainageways in the District; and

WHEREAS, the 2014 Budget anticipated a work plan recognizing the value of preventive and remedial master planning on developed and undeveloped floodplains; and

WHEREAS, the 2014 Budget anticipated a work plan recognizing the need for floodplain management activities; and

WHEREAS, the 2014 Budget anticipated a work plan recognizing the need for information services and local flood warning enhancements; and

WHEREAS, the 2014 Budget anticipated a work plan emphasizing the planning, design, and construction of solutions to flood control problems along the South Platte River and the maintenance of existing facilities on the River; and

WHEREAS, the 2014 Budget anticipated a work plan which included District assistance to Denver, Lakewood, Aurora and other local governments in complying with and applying for National Pollutant Discharge Elimination System (NPDES) storm sewer system permits and refining stormwater best management practices (BMP) technology for this semi-arid region; and

WHEREAS, the Board has considered the damage potential, local participation, the work already done by local governments, Corps of Engineers, and others, and the feasibility of defining and accomplishing solutions to drainage and flood control problems in 2014.

NOW, THEREFORE, BE IT RESOLVED that the Work Program for 2014 is hereby adopted as follows:

**A. Design, Construction, and Maintenance Program**

Continue the Design, Construction, and Maintenance Program which includes work to be accomplished under the following funds:

**1. Capital Improvement Fund**

- a. Coordinate, manage, and participate in the funding of the design and construction of drainage facilities pursuant to the adopted Five-Year Capital Improvement Plan.
- b. Cooperate with local jurisdictions in the preparation of the Five-Year Capital Improvement Plan.
- c. Continue to assist local jurisdictions in assessing and solving multi-jurisdictional drainage and flood control problems.

**2. South Platte River Fund**

- a. Construct and maintain public drainage facilities along the South Platte River pursuant to the accepted South Platte River Work Plan.
- b. Implementation of flood control, maintenance access, river stabilization improvements and other measures along the South Platte River in cooperation with public and private local sponsors.
- c. Maintain and continue development of information related to facilities, right-of-way, and geomorphology that is beneficial for the management of the South Platte River and for understanding its behavior.

**3. Maintenance Fund**

- a. Maintain public drainage facilities along the tributaries to the South Platte River pursuant to the accepted Maintenance Work Plan.
- b. Continue floodplain and floodway preservation efforts.
- c. Cooperate with local jurisdictions in the preparation of the Maintenance Work Plan.

**B. Floodplain Management Program**

Implement the District's Floodplain Management Program to include the following:

1. Continue assisting local entities in preparing, adopting, and administering floodplain regulations, and implement District regulations in those local jurisdictions that do not adopt and enforce floodplain regulations.
2. Delineate flood hazard areas.
3. Coordinate Federal Emergency Management Agency (FEMA) efforts within the District.
4. Review drainage and flood control proposals for proposed development affecting major drainageways upon request from local entities.
5. Continue the notification of floodplain occupants of flood hazards.
6. Continue the District's program of determining maintenance eligibility of drainage and flood control facilities constructed by others.
7. Continue the District's program to bring non-flood control reservoirs into compliance with District policy.
8. Continue development of the Cooperating Technical Partner (CTP) Program with FEMA.
9. Assist local governments and developers in the implementation of drainage and flood control master plans.

**C. Information Services and Flood Warning Program**

1. Continue data collection and flood documentation activities.
2. Assist local governments in developing, updating, exercising and maintaining flood detection networks and flood warning plans.
3. Continue to provide meteorological services to supplement National Weather Service (NWS) watches and warnings, and work with NWS to improve flood warning capabilities.
4. Review and revise as necessary the Standard Operating Procedure for implementation of the District's Flood Disaster and Mitigation Plan.
5. Continue assisting local governments with developing self-help programs.
6. Continue development of District GIS capability.
7. Maintain and enhance District information technology systems and related services.

**D. Master Planning Program**

Coordinate and manage drainage and flood control master planning projects.

**E. Special Projects**

Continue the following special projects:

1. Continue to support a rainfall/runoff data collection program including cooperative efforts with the U.S. Geology Survey (USGS) and others, and provide data analysis as appropriate.
2. Continue efforts to improve methodologies for planning and design of drainage and flood control facilities, stormwater best management practices and delineation of floodplains in the Denver region, and disseminate information developed to public from these efforts.
3. Continue development and updating of the District's Urban Storm Drainage Criteria Manual and continue administration of manual.
4. Provide coordination and assistance to local governments in the Denver metro area in their efforts to prepare NPDES permit applications and to comply with issued municipal NPDES stormwater discharge permits.
5. Continue projects to establish methods and agreements for financing and implementing regional drainage and flood control facilities.



6. Develop, compile, publish, and distribute appropriate information and data to assist local jurisdictions in drainage and flood control efforts including continuation of publication of Flood Hazard News and sponsoring of seminars.
7. Continue educational and information dissemination efforts to public officials, consulting firms, and the general public related to stormwater and flood management issues.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 54, SERIES OF 2013 (Adoption of Five-Year Capital Improvement Plan [CIP]: 2013 – 2017)

WHEREAS, by Resolution No. 11, Series of 1973, the Board of Directors adopted a capital improvements expenditure policy; and

WHEREAS, by Chapter 32-11-214, C.R.S., it is stated:

- "(1) The District, acting by and through the board, may acquire, improve, equip, relocate, maintain, and operate the facilities, any project, or any part thereof, for the benefit of the district and the inhabitants thereof, after the board has made such preliminary studies and otherwise taken such action as it determines to be necessary or desirable as preliminaries thereto."
- "(2) When a comprehensive program for the acquisition of facilities for the district satisfactory to the board is available, such program shall be tentatively adopted. The program need only describe the proposed facilities in general terms and not in detail."
- "(3) A public hearing on the proposed program shall be scheduled, and notice of the hearing shall be given by publication. After the hearing and any adjournments thereof which may be ordered, the board may either require changes to be made in the program as the board shall consider desirable, or the board may approve the program as prepared."; and

WHEREAS, by Resolution No. 58, Series of 2012, the Board set forth projects that were adopted as a part of the comprehensive program for the years 2012 through 2016; and

WHEREAS, the Board desires to revise the comprehensive five-year capital improvement plan on an annual basis; and

WHEREAS, by Resolution No. 11, Series of 1973, key policies set by the Board to guide the selection of projects were considered in determining the 2013 – 2017 CIP; and

WHEREAS, the Board of Directors, adopted a budget for 2014 (Resolution No. 43, Series of 2013) which includes \$8,755,000 for CIP improvements within the District; and

WHEREAS, a public hearing on the proposed plan was held on December 19, 2013 pursuant to published notice, and testimony was taken and data provided describing the comprehensive program in general terms to the satisfaction of the Board.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The improvements described herein are necessary for the health, comfort, safety, convenience, and welfare of all the people in the State and are of special benefit to the inhabitants of the District and the property therein.
2. The list of projects is adopted as a part of the comprehensive five-year program for the years 2013 through 2017 for the implementation of projects. Such projects are described in general, and not in detail, and individual projects and authorizations therefore shall be approved by the Board on a project-by-project basis.
3. Individual projects on the CIP may be added, removed, or moved from one year to another in the CIP based on requests from the local governments and shifting priorities.
4. The following guidelines will be followed as the CIP is administered; or projects on the CIP are added, deleted, or moved from one year to another in the CIP:
  - a. Proposed improvements requested by local government.
  - b. Proposed projects must be master planned.
  - c. Local governments must provide at least a 50 percent match to District funds.
  - d. Local governments must agree to maintain the facilities.

- e. The District shall allocate funds such that revenues from counties will be spent for improvements within those counties over a five-year time period.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 55, SERIES OF 2013 (Authorization of 2014 Maintenance Plan Expenditures)

WHEREAS, the Colorado General Assembly in 1979 and in 1983 amended Section 32-11-217 thereby authorizing the District to levy up to four tenths (0.4) mill for a systematic and uniform program of preventive maintenance of drainage and flood control facilities within the District; and

WHEREAS, the Board adopted a policy statement related to the maintenance of capital improvements in 1978 (Resolution No. 41, Series of 1978); and

WHEREAS, it is the policy of the Board to allocate maintenance service expenditures to each county on the basis of revenues received annually from each county; and

WHEREAS, the Board of Directors, pursuant to such authorization adopted a budget for 2014 (Resolution No. 43, Series of 2013) which includes \$8,324,954 for the maintenance of drainage and flood control facilities within the District; and

WHEREAS, the Board of Directors desires to proceed with 2014 drainageway maintenance and related services.

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

1. The Board hereby authorizes the District to assist local governments within the District in the maintenance of major drainageway facilities. The following priorities shall be considered in determining the 2014 Maintenance Plan:
  - a. First priority - District owned facilities.
  - b. Second priority - Facilities owned by other public entities, but partly financed with District funds.
  - c. Third priority - Facilities owned by other public entities and constructed by others without District assistance.
  - d. Fourth priority - Unimproved urban drainageways.
  - e. Fifth priority - Unimproved rural drainageways.
2. The Board authorizes the Executive Director to contract for those services necessary to implement the 2014 Maintenance Work Plan.
3. The total 2014 expenditures for maintenance services shall not exceed \$8,324,954 and the expenditures per county shall be in accordance with Board policy set forth in Resolution No. 41, Series of 1978.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 56, SERIES OF 2013

(Authorization of 2014 Operation Expenditures for the South Platte River)

WHEREAS, the Board established policy regarding operation of the South Platte River Program (Resolution No. 58, Series of 1986); and

WHEREAS, the Board of Directors adopted a budget for 2014 (Resolution No. 43, Series of 2013), which includes \$2,270,000 for construction and maintenance activities for the South Platte River; and

WHEREAS, the Board of Directors desires to proceed with 2014 South Platte River construction, maintenance, and other related services.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Board hereby authorizes the District to assist local governments within the District along the South Platte River in construction and maintenance activities, river stability, and maintenance access facilities along the South Platte River.
2. The Board of Directors authorizes the Executive Director to contract for those services necessary to implement the 2014 construction and maintenance activities.
3. The total expenditures for the South Platte River shall not exceed \$2,270,000 in 2014 without further approval of the Board.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 57, SERIES OF 2013

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
on Lakewood Gulch, Wolff Street to Sheridan Boulevard)

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 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, City of Lakewood, Jefferson County, and the District cooperated in the preparation of "Lakewood Gulch Major Drainageway Planning, Phase B Report," dated December 1979; and

WHEREAS, the Board previously authorized, (Resolution No. 101, Series of 2007) District assistance, but not financial participation, in the construction of improvements along Lakewood Gulch from Wolff Street to Sheridan Boulevard (Exhibit A); and

WHEREAS, the City and County of Denver and the District now desire to construct improvements along Lakewood Gulch, Wolff Street to Sheridan Boulevard; and

WHEREAS, the City and County of Denver has estimated the additional project costs to be \$250,000 resulting in a revised total project cost of \$740,000 (\$250,000 District; \$490,000 City and County of Denver); and

WHEREAS, the District's additional participation being authorized by this resolution is \$250,000; and

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

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget, (Resolution No. 44, Series of 2013) for calendar year 2014 subsequent to a public hearing, which includes funds for construction of drainage and flood control improvements along Lakewood Gulch, Wolff Street to Sheridan Boulevard and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 54, Series of 2013) in which the improvements along Lakewood Gulch, Wolff Street to Sheridan Boulevard were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 101, Series of 2007, Paragraph 3, is amended as follows:  
"The District's maximum contribution to the Lakewood Gulch, Wolff Street to Sheridan Boulevard project without prior approval of the Board shall be ~~\$-0-~~ **\$250,000** 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. 101, Series of 2007.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 57, SERIES OF 2013

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
on Lakewood Gulch, Wolff Street to Sheridan Boulevard)

### EXHIBIT A





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 58, SERIES OF 2013

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

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

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

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

WHEREAS, the Board previously authorized (Resolution No. 31, Series of 2011; Resolution No. 46, Series of 2011; Resolution No. 13, Series of 2012; and Resolution No. 64, Series of 2012) \$600,000 for design, acquisition of right-of-way, and construction of improvements along Cherry Creek from Monaco Parkway to E Iliff Avenue (Exhibit A); and

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

WHEREAS, the City and County of Denver has estimated the additional project costs to be \$500,000 resulting in a revised total project cost of \$1,700,000, (\$850,000 District; \$850,000 City and County of Denver); and

WHEREAS, the District's additional participation being authorized by this resolution is \$250,000; and

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

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget (Resolution No. 44, Series of 2013) for calendar year 2014 subsequent to a public hearing, which includes funds for construction of drainage and flood control improvements along Cherry Creek from Monaco Parkway to E Iliff Avenue; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 54, Series of 2013) in which the improvements along Cherry Creek from Monaco Parkway to E Iliff Avenue were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 31, Series of 2011, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the Cherry Creek from Monaco Parkway to E Iliff Avenue project without prior approval of the Board shall be ~~\$600,000~~ **\$850,000** 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. 31, Series of 2011.



(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 58, SERIES OF 2013

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

### EXHIBIT A





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 59, SERIES OF 2013

(Additional Authorization to Participate in Drainage and Flood Control Improvements along West Fork Kenneys Run from 23rd Street to 24th Street, City of Golden, Jefferson County)

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

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

WHEREAS, the City of Golden and the District cooperated in the preparation of "Major Drainageway Planning – Golden, Tucker Gulch / Kenneys Run," dated September 1983; and

WHEREAS, the Board previously authorized (Resolution No. 33, Series of 2012 and Resolution No. 17, Series of 2013) \$450,000 for design, acquisition of right-of-way, and construction of improvements along West Fork Kenneys Run from approximately 300 feet downstream of 23rd Street to approximately 300 feet upstream of 24th Street (Exhibit A); and

WHEREAS, the City of Golden and the District now desire to construct improvements along West Fork Kenneys Run from 23rd Street to 24th Street; and

WHEREAS, the City of Golden has estimated the additional project costs to be \$400,000 resulting in a revised total project cost of \$1,300,000 (\$650,000 District; \$650,000 Golden); and

WHEREAS, the District's additional participation being authorized by this resolution is \$200,000; and

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

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget (Resolution No. 43, Series of 2013) for calendar year 2014 subsequent to a public hearing, which includes funds for construction of drainage and flood control improvements along West Fork Kenneys Run from 23rd Street to 24th Street; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 54, Series of 2013) in which the improvements along West Fork Kenneys Run from 23rd Street to 24th Street; were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 33, Series of 2012, Paragraph 3, is amended as follows:  
"The District's maximum contribution to the West Fork Kenneys Run from 23rd Street to 24th Street project without prior approval of the Board shall be ~~\$450,000~~ **\$650,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Golden."
2. All other conditions and authorizations remain as stated in Resolution No. 33, Series of 2012.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 59, SERIES OF 2013

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
along West Fork Kenneys Run from 23rd Street to 24th Street, City of Golden, Jefferson County)

### EXHIBIT A







THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 60, SERIES OF 2013

(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 heretofore enacted floodplain zoning measures; and

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

WHEREAS, the City of Lakewood and the District cooperated in the preparation of "Outfall Systems Planning, North Dry Gulch," dated October 1995; and

WHEREAS, the Board previously authorized (Resolution No. 65, Series of 2008; Resolution No. 42, Series of 2011; and Resolution No. 25, Series of 2013) \$1,025,000 for design, acquisition of right-of-way, and construction of improvements on North Dry Gulch from Lamar Street to Teller Street (Exhibit A); and

WHEREAS, the City of Lakewood has estimated the additional project costs to be \$1,300,000 resulting in a revised total project cost of \$3,350,000 (\$1,675,000 District; \$1,675,000 Lakewood); and

WHEREAS, the District's additional participation being authorized by this resolution is \$650,000; and

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

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget (Resolution No. 43, Series of 2013) for calendar year 2014 subsequent to a public hearing, which includes funds for construction of drainage and flood control improvements on North Dry Gulch from Lamar Street to Teller Street; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 54, Series of 2013) in which the improvements on North Dry Gulch from Lamar Street to Teller Street were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 65, Series of 2008, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the North Dry Gulch from Lamar Street to Teller Street project without prior approval of the Board shall be ~~\$1,025,000~~ **\$1,675,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Lakewood."
2. All other conditions and authorizations remain as stated in Resolution No. 65, Series of 2008.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 60, SERIES OF 2013

(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



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 61, SERIES OF 2013

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Fairmount Outfall, East of McIntyre Street, Jefferson County)

WHEREAS, the District in a policy statement previously adopted (Resolution No. 14, Series of 1970 and Resolution No. 11, Series of 1973) expressed an intent to assist public bodies which 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 "Fairmount Outfall Systems Plan Phase B," dated April 2004; and

WHEREAS, the Board previously authorized (Resolution No. 31, Series of 2010 and Resolution No. 21, Series of 2011) \$550,000 for design, acquisition of right-of-way, and construction of improvements on Fairmount Outfall, east of McIntyre Street, in Jefferson County (Exhibit A); and

WHEREAS, Jefferson County and the District now desire to construct improvements on Fairmount Outfall, east of McIntyre Street, in Jefferson County; and

WHEREAS, Jefferson County has estimated the additional project costs to be \$1,126,000 resulting in a revised total project cost of \$2,226,000 (\$1,113,000 District; \$1,113,000 Jefferson County); and

WHEREAS, the District's additional participation being authorized by this resolution is \$563,000; and

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

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget (Resolution No. 43, Series of 2013) for calendar year 2014 subsequent to a public hearing, which includes funds for construction of drainage and flood control improvements on Fairmount Outfall, east of McIntyre Street, in Jefferson County; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 54, Series of 2013) in which the improvements on Fairmount Outfall, east of McIntyre Street, in Jefferson County were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 31, Series of 2010, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the Fairmount Outfall, east of McIntyre Street, in Jefferson County project without prior approval of the Board shall be ~~\$550,000~~ **\$1,113,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Jefferson County."
2. All other conditions and authorizations remain as stated in Resolution No. 31 Series of 2010.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 61, SERIES OF 2013

(Additional Authorization to Participate in Drainage and Flood Control Improvements  
on Fairmount Outfall, East of McIntyre Street, in Jefferson County)

### EXHIBIT A





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 62, SERIES OF 2013

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Nissen Reservoir Drainageway [Basin 3207] at Lowell Boulevard, City and County of Broomfield)

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

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

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

WHEREAS, the Board previously authorized (Resolution No. 70, Series of 2011; Resolution No. 16, Series of 2013; and Resolution No. 35, Series of 2013) \$1,000,000 for design, acquisition of right-of-way, and construction of improvements on Nissen Reservoir Drainageway (Basin 3207) at Lowell Boulevard (Exhibit A); and

WHEREAS, the City and County of Broomfield and the District now desire to construct improvements on Nissen Reservoir Drainageway (Basin 3207) at Lowell Boulevard; and

WHEREAS, the City and County of Broomfield has estimated the additional project costs to be \$420,000, resulting in a revised total project cost of \$2,420,000 (District \$1,210,000; Broomfield \$1,210,000); and

WHEREAS, the District's additional participation being authorized by this resolution is \$210,000; and

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

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget (Resolution No. 43, Series of 2013) for calendar year 2014 subsequent to a public hearing, which includes funds for construction of drainage and flood control improvements on Nissen Reservoir Drainageway (Basin 3207) at Lowell Boulevard; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 54, Series of 2013), in which the improvements on Nissen Reservoir Drainageway (Basin 3207) at Lowell Boulevard were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 70, Series of 2011, Paragraph 3, is amended as follows:  
"The District's maximum contribution to the Nissen Reservoir Drainageway (Basin 3207) at Lowell Boulevard, without prior approval of the Board, shall be ~~\$1,000,000~~ **\$1,210,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City and County of Broomfield."
2. All other conditions and authorizations remain as stated in Resolution No. 70, Series of 2011.



(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

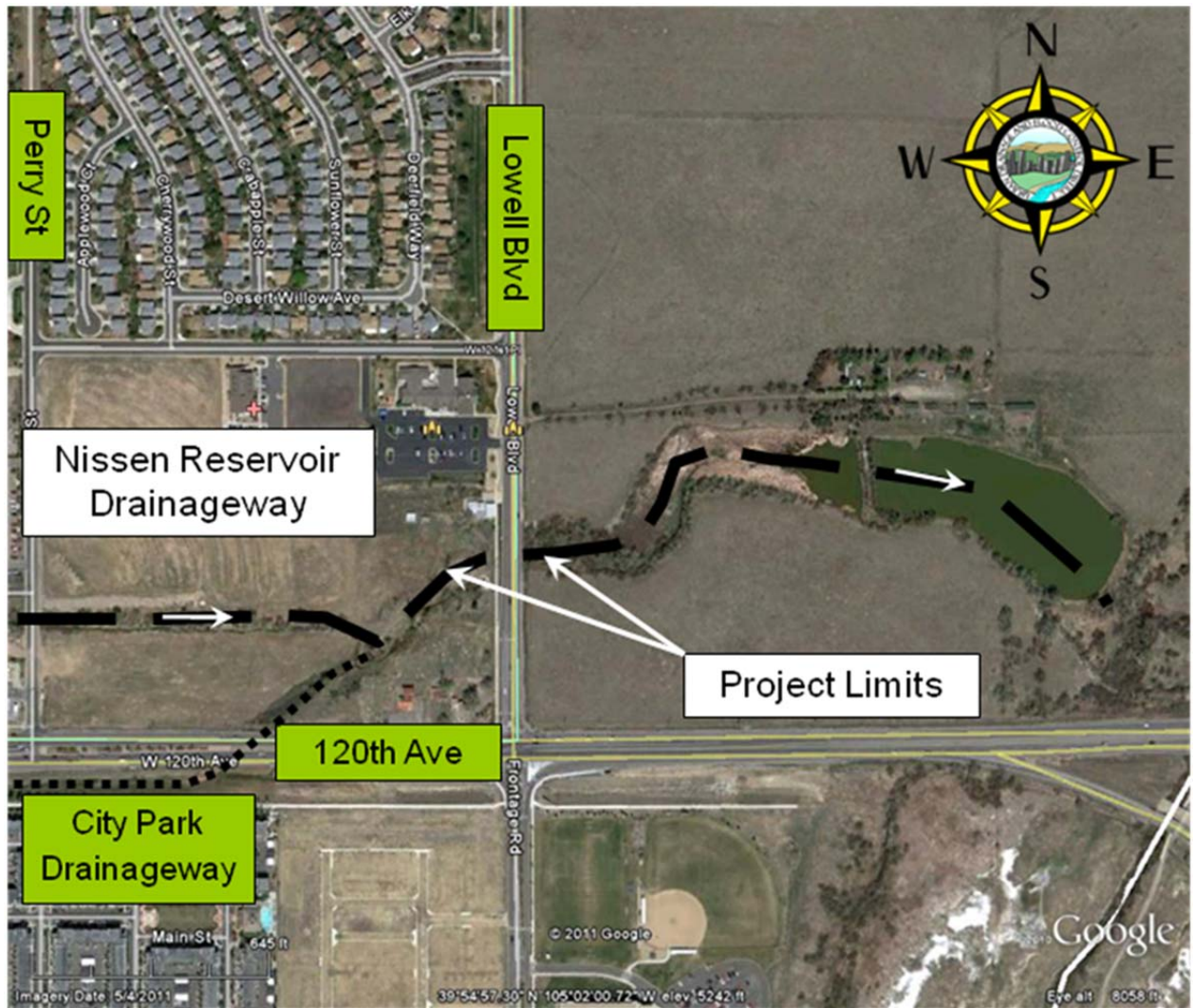
\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 62, SERIES OF 2013

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Nissen Reservoir Drainageway [Basin 3207] at Lowell Boulevard, City and County of Broomfield)

### EXHIBIT A





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 63, SERIES OF 2013

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

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

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

WHEREAS, the City of Westminster, Adams County, and the District cooperated in the preparation of "Little Dry Creek, Adams County Major Drainageway Planning Study," dated 1979; and

WHEREAS, the Board previously authorized (Resolution No. 54, Series of 2008; Resolution No. 20, Series of 2009; Resolution No.12, Series of 2010; Resolution No. 43, Series of 2010; Resolution No. 21, Series of 2012; Resolution No. 65, Series of 2012; and Resolution No. 37, Series of 2013) \$1,450,000 for design, acquisition of right-of-way, and construction of improvements along Little Dry Creek (Exhibit A); and

WHEREAS, the City of Westminster, Adams County, and the District now desire to construct improvements along Little Dry Creek; and

WHEREAS, City of Westminster and Adams County have estimated the additional project costs to be \$460,000 resulting in a revised total project cost of \$6,085,000 (\$1,910,000 District; \$4,175,000 Westminster and Adams County); and

WHEREAS, the District's additional participation being authorized by this resolution is \$460,000; and

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

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget (Resolution No. 43, Series of 2013) for calendar year 2014 subsequent to a public hearing, which includes funds for construction of drainage and flood control improvements along Little Dry Creek; and

WHEREAS, the District has adopted, at a public hearing, a Five-Year Capital Improvement Plan (Resolution No. 54, Series of 2013) in which the improvements along Little Dry Creek were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 54, Series of 2008, Paragraph 3, is further amended as follows:  
"The District's maximum contribution to the Little Dry Creek from Lowell Boulevard to Federal Boulevard project without prior approval of the Board shall be ~~\$1,450,000~~ **\$1,910,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Westminster and Adams County."
2. All other conditions and authorizations remain as stated in Resolution No. 54, Series of 2008.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 63, SERIES OF 2013

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

### EXHIBIT A







# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 64, SERIES OF 2013

(Authorization of 2014 Maintenance Expenditures to Assist Local Governments in  
Maintaining Existing Flood Warning Systems)

WHEREAS, the District adopted a budget for calendar year 2014 (Resolution No. 43, Series of 2013) that includes \$410,000 in the Special Revenue Fund - Maintenance for maintenance of flood warning equipment; and

WHEREAS, the District in cooperation with local governments has installed flood detection networks using ALERT gauging equipment for Boulder Creek, South Boulder Creek, Lena Gulch, Ralston Creek, Westerly Creek, Toll Gate Creek, Goldsmith Gulch, Harvard Gulch, Bear Creek, Douglas County, Southwest Denver and Upper Sand Creek; and

WHEREAS, the District has installed ALERT gauging equipment at a number of flood control facilities in which the District participated in the funding and construction thereof; and

WHEREAS, the District has installed ALERT gauging equipment on the South Platte River, Cherry Creek and Sand Creek in conjunction with the National Pollutant Discharge Elimination System (NPDES) requirements for Phase I communities; and

WHEREAS, the District adopted a Work Program for 2014 (Resolution No. 53, Series of 2013) which includes the continuation of a program to provide meteorological services to local governments that begins on April 15 and relies in part on the ALERT flood detection networks; and

WHEREAS, the gauging equipment including self-reporting rain and water level sensors, weather stations, repeater stations, and associated radio receiving and transmitting equipment needs to be re-installed and will require maintenance on a regular basis in order to operate dependably; and

WHEREAS, flood warning maintenance activities must start early in the calendar year in order for the flood detection system to be fully operational by April 15.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to negotiate and execute necessary agreements to provide flood warning system maintenance assistance to local governments for the 2014 flood season.
2. The costs of these services shall not exceed \$410,000 for calendar year 2014.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 65, SERIES OF 2013  
(Authorization to Establish an Areawide Meteorological  
Support Service to Local Governments)

WHEREAS, the District adopted a budget for calendar year 2014 (Resolution No. 43, Series of 2013) that included \$133,700 in the General Fund for meteorological services and data and communication costs associated with the flood warning radar/satellite system; and

WHEREAS, the District has previously established a Work Program for 2014 (Resolution No. 53, Series of 2013) which includes the provision of meteorological services to supplement National Weather Service watches and warnings; and

WHEREAS, the District has previously acquired a radar and satellite data display system for flood warning (Resolution No. 12, Series of 1993) which requires the assistance of a private meteorological service.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute an agreement with a qualified meteorologist(s) to provide meteorological services to local governments for the 2014 flood season.
2. The costs of these services shall not exceed \$98,000 for calendar year 2014 without further approval of the Board.
3. The Executive Director is also authorized to pay reasonable and necessary equipment costs, communications charges, data acquisition fees and other costs required to operate the radar/satellite system and to make flood warning information available to local governments, which costs shall not exceed \$35,700 for calendar year 2014 without further approval of the Board.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 66, SERIES OF 2013

(Authorization of Funds to Complete Flood Hazard Area Delineation Studies,  
Letter of Map Change Studies, Risk MAP Studies, and Other Floodplain Management Activities)

WHEREAS, the Board has previously established a Work Program for 2014 (Resolution No. 53, Series of 2013) which includes the delineation of flood hazard areas and coordination of Federal Emergency Management Agency (FEMA) efforts within the District; and

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

WHEREAS, the Board adopted a budget for calendar year 2014 (Resolution No. 43, Series of 2013) that included \$370,000 in the General Fund for Flood Hazard Area Delineation studies, Letter of Map Change Studies, Risk MAP studies, and other Floodplain Management Activities; and

WHEREAS, routine requests are received from local governments throughout the year for Flood Hazard Area Delineation studies or Letter of Map Revision studies; and

WHEREAS, FEMA may have funds available in 2014 for Risk MAP studies, which will require an as yet undetermined local contribution.

### NOW THEREFORE BE IT RESOLVED THAT:

1. The Executive Director is authorized to expend the \$370,000 in the Floodplain Management budget for 2014, as well as any funds received from cooperating entities, or FEMA for the completion of Flood Hazard Area Delineation Studies, Letter of Map Revision Studies and/or Risk MAP projects requested by one or more local governments within the District, public notification to citizens of flood hazards, review of development projects, and other activities required to promote good floodplain management practices.
2. The Executive Director shall report the initiation of any such studies to the Board of Directors on a timely basis.
3. Such approval for expenditure of funds is contingent upon the benefiting local government agreeing to regulate and control the floodplain defined by the study in accordance with National Flood Insurance Program regulations as a minimum.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



## THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

### RESOLUTION NO. 67, SERIES OF 2013

(Authorization to Assist Communities with NPDES MS4 Permit Compliance,  
to Develop Engineering Criteria and Software, and to Conduct Stormwater Management Research)

WHEREAS, the Board has since 1991, authorized District support of governments within the District in their efforts to comply with National Pollutant Discharge Elimination System (NPDES) Municipal Separate Stormwater Sewer System (MS4) permit requirements and related activities; and

WHEREAS, the Board has adopted the 2014 Work Program (Resolution 53, Series of 2013) which includes continuation to assist governments within the District with their MS4 permit programs, to develop engineering criteria, software, and to conduct stormwater management research; and

WHEREAS, the District adopted a budget for calendar year 2014 (Resolution No. 43, Series of 2013), that included \$475,500 in the General Fund to continue assisting governments within the District with their MS4 permit programs, to develop engineering criteria, software, and to conduct stormwater management research; and

WHEREAS, the Board desires in 2014 to continue assisting governments within the District with their current and evolving MS4 permit programs by improving the understanding of the performance of various stormwater best management practices (BMPs), for which field performance data in this region is very limited; and

WHEREAS, the District has since 1974 maintained and distributed the Urban Storm Drainage Criteria Manual, originally published in 1969 by the Denver Regional Council of Governments (DRCOG), and has also made available public domain “freeware” engineering design software to support these criteria; and

WHEREAS, the District’s criteria and engineering design software are used by engineers and stormwater professionals worldwide to help them follow District criteria when developing hydrology and designing flood channels, culverts, detention basins, retention ponds, street inlets, storm sewers, and stormwater quality treatment facilities; and

WHEREAS, many governments within the District boundary require the use of District criteria and engineering design software within their jurisdictions; and

WHEREAS, the District is committed to advancing the state of the practice of drainage, flood control, and stormwater quality engineering through research projects in collaboration with state and federal agencies, Colorado universities and colleges, and other research partners, which in turn leads to improved District criteria and engineering design software to support these criteria; and

WHEREAS, the 2014 cost of support services needed to meet NPDES Phase 1 permit commitments, to assist NPDES Phase 2 communities in their evolving permit compliance requirements, to provide required wet-weather monitoring of receiving waters as agreed to between the State and the permitted municipalities, and to continue the installation and testing of BMP facilities for the purpose of improving their design technology is estimated at \$160,000, the estimated cost for criteria development is estimated at \$125,000, the cost of software development is estimated at \$75,000 and the estimated cost for stormwater management research is estimated at \$115,500; and

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to continue to contract for necessary consulting, monitoring, education/outreach, and other services in 2014 necessary for the District to assist NPDES regulated municipalities within the District in their efforts to comply with NPDES MS4 permits. In addition, the Executive Director is authorized to extend this assistance through the design,



construction, continued field testing and the development of design guidance of stormwater BMPs for use in this region.

2. The Executive Director is authorized to execute the necessary agreements with qualified partners and consultants to assist the District in developing criteria, software, and in conducting stormwater management research.
3. The expenditure for this work in 2014 shall not exceed \$475,500 without further authorization from the Board.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 68, SERIES OF 2013

(Authorization to Enter into Agreement with the U.S. Geological Survey (USGS)  
for Rainfall/Runoff Investigation)

WHEREAS, the District is authorized to conduct studies related to urban drainage, and to establish, operate, and maintain facilities related to urban drainage within the District; and

WHEREAS, the District has been engaged in cooperative agreements with the USGS, an agency of the federal government, since October 1970 with regard to rainfall, runoff, stream flow data collection and investigations; and

WHEREAS, the District adopted a budget for calendar year 2014 (Resolution No. 43, Series of 2013) that included sufficient funds in the Maintenance Fund for the continued support of a rainfall/runoff data collection and analysis program in cooperation with the USGS and others; and

WHEREAS, the District and USGS have worked together to establish gauges on a number of major streams within the District in order to measure peak flow rates; and

WHEREAS, this data collection is necessary to calibrate the regional hydrologic model that is the basis for the design of all drainage and flood control infrastructure within the District; and

WHEREAS, the USGS has funds available to match District funds to support the continued operation and maintenance of these gauges, and has offered to renew a cooperative agreement related to such data collection; and

WHEREAS, the District adopted a Work Program for 2014 (Resolution 53, Series 2013) that includes maintenance funding to support a rainfall/runoff data collection and analysis program in cooperation with the USGS and others; and

WHEREAS, the cost of entering into a cooperative agreement with the USGS in 2014 with regard to rainfall, runoff, and stream flow data collection and investigations is estimated at \$100,000 and sufficient funds are included in the 2014 Work Program for these efforts.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to enter into a cooperative agreement with the USGS with regard to rainfall/runoff data collection and investigation. The expenditures of District maintenance funds in 2014 for this work shall not exceed \$100,000 without further approval of the Board.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 69, SERIES OF 2013 (Authorization for a Planning Study of Montclair Watershed)

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 have enacted floodplain regulations; and

WHEREAS, the Board has previously established a Work Program for 2014 (Resolution No. 53, Series of 2013) which includes master planning; and

WHEREAS, the Board adopted a General Fund Budget for calendar year 2014 (Resolution No. 43, Series of 2013), subsequent to a public hearing, which includes funds for master planning; and

WHEREAS, the Board wishes to cooperate with the City and County of Denver in the identification of solutions to stormwater drainage and flood control management problems for the Montclair watershed including inflow from the Park Hill watershed (Exhibit A); and

WHEREAS, the City and County of Denver has expressed a desire to participate in a study leading to an outfall systems plan (OSP) for the Montclair watershed and to fund the local share; and

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

	<u>Planning Study</u>
District	\$100,000
<u>Denver</u>	<u>\$100,000</u>
TOTAL	\$200,000

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute an agreement with the City and County of Denver to fund the required engineering and mapping services for the Montclair watershed planning study.
2. The Executive Director is authorized to procure any needed mapping and to execute a contract with a qualified engineer(s) for required engineering services.
3. The expenditures for the consulting and mapping services are estimated at \$200,000 and the District's share of total costs shall not exceed \$100,000 plus interest earned on monies deposited in the project fund which contribution for the planning portion of this project shall be matched by the City and County of Denver.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 69, SERIES OF 2013  
(Authorization for a Planning Study of Montclair Watershed)

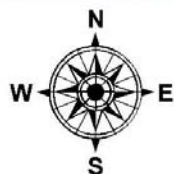
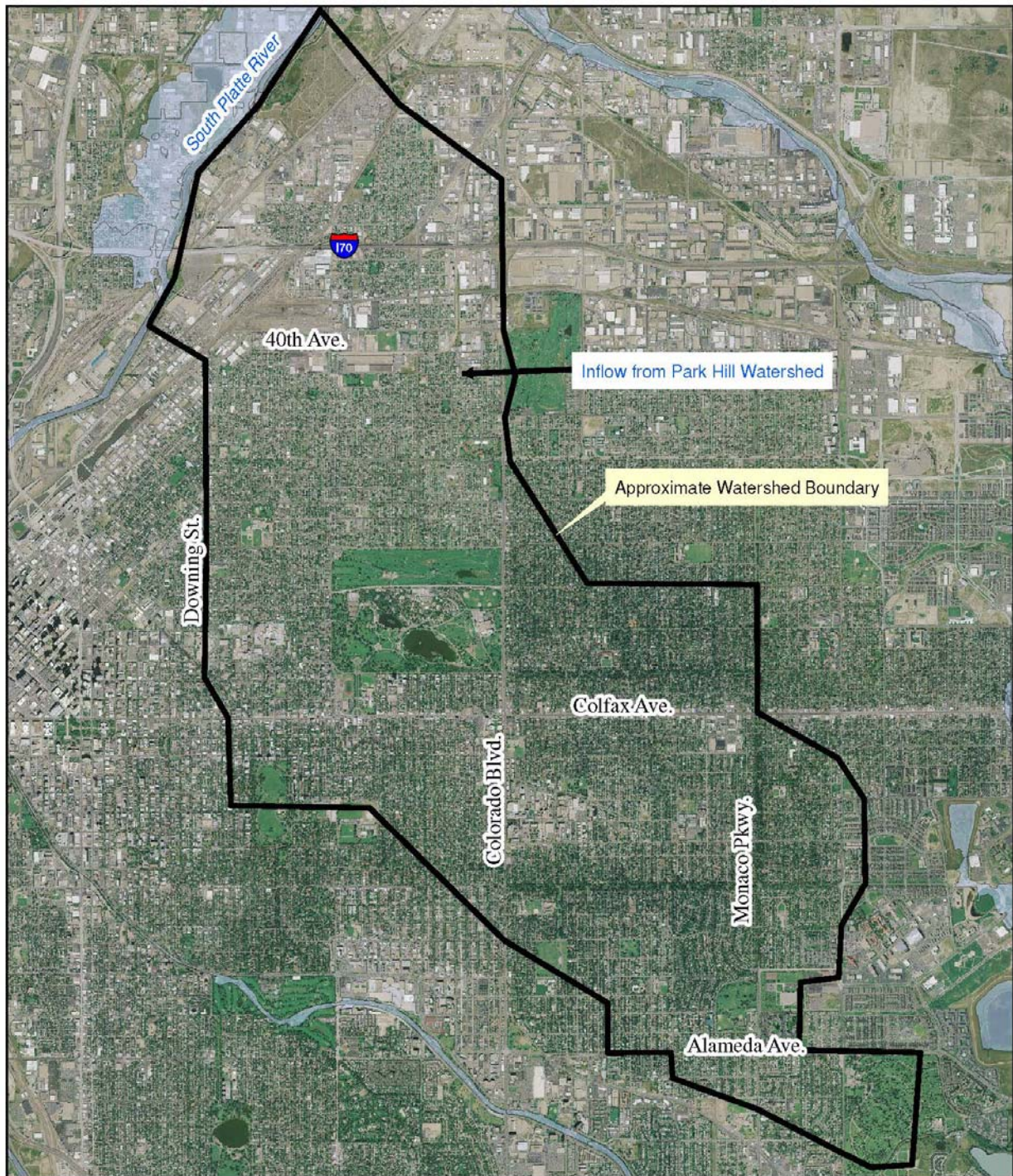


EXHIBIT A  
MONTCLAIR BASIN  
Outfall Systems Plan  
Approximate Study Limits  
October 2013





THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 70, SERIES OF 2013

(Authorization for a Planning Study of Sand Creek Right Bank 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 has enacted floodplain regulations; and

WHEREAS, the Board has previously established a Work Program for 2014 (Resolution No. 53, Series of 2013) which includes master planning; and

WHEREAS, the Board adopted a General Fund Budget for calendar year 2014 (Resolution No. 43, Series of 2013), subsequent to a public hearing, which includes funds for master planning; and

WHEREAS, the Board wishes to cooperate with the City of Aurora in the identification of solutions to stormwater drainage and flood control management problems for the right bank tributaries to Sand Creek between I-225 and the Aurora/Denver boundary (Exhibit A); and

WHEREAS, the City of Aurora has expressed a desire to participate in a study leading to an outfall systems plan (OSP) for the right bank tributaries to Sand Creek from I-225 to the Aurora/Denver boundary and to fund the local share; and

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

	<u>Planning Study</u>
District	\$100,000
<u>Aurora</u>	<u>\$100,000</u>
TOTAL	\$200,000

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute an agreement with the City of Aurora to fund the required engineering and mapping services for the Sand Creek right bank tributaries planning study.
2. The Executive Director is authorized to procure any needed mapping and to execute a contract with a qualified engineer(s) for required engineering services.
3. The expenditures for the consulting and mapping services are estimated at \$200,000 and the District's share of total costs shall not exceed \$100,000 plus interest earned on monies deposited in the project fund which contribution for the planning portion of this project shall be matched by the City of Aurora.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 70, SERIES OF 2013  
(Authorization for a Planning Study of Sand Creek Right Bank Tributaries)

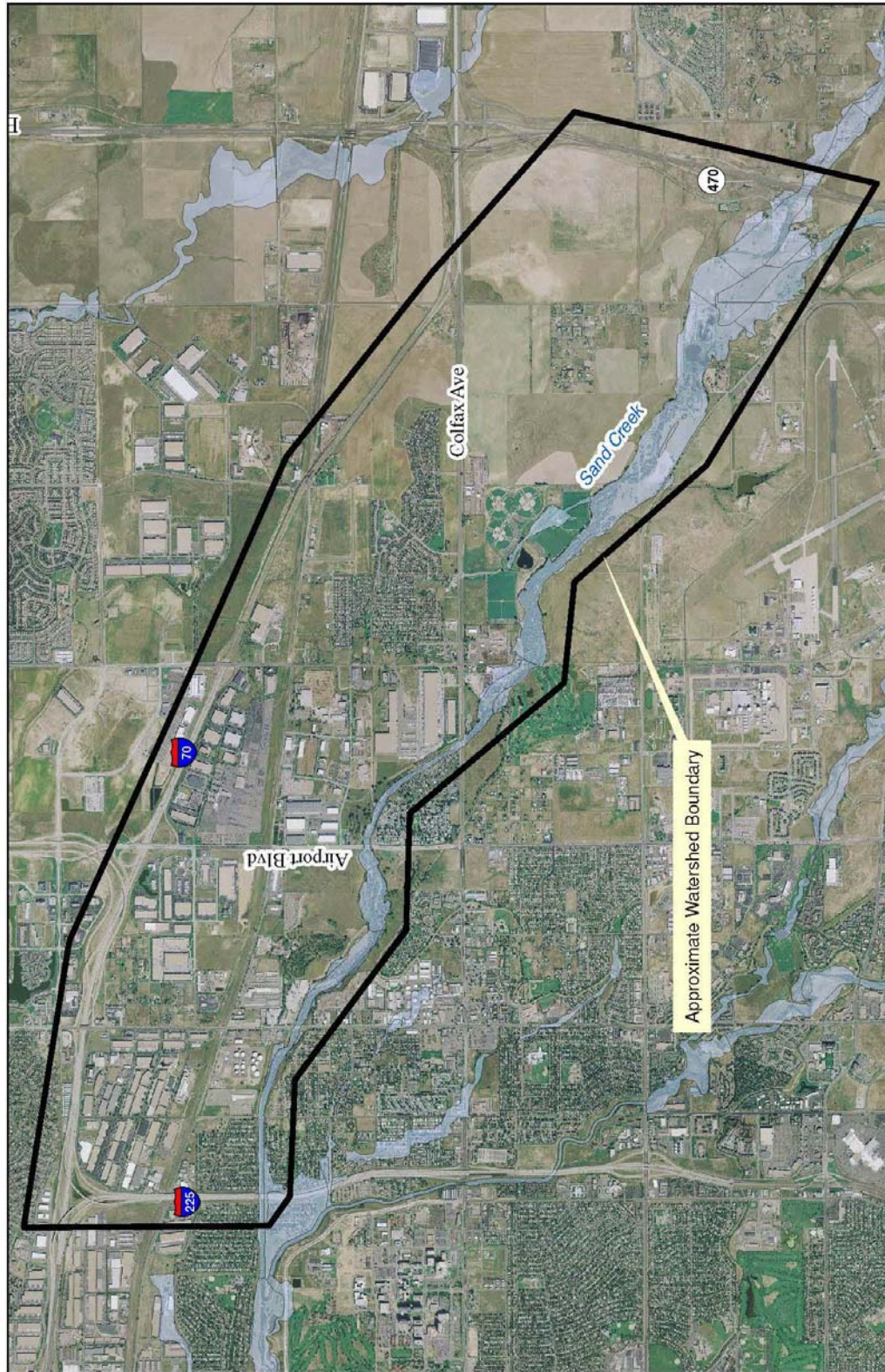


EXHIBIT A  
SAND CREEK RIGHT BANK TRIBUTARIES  
Outfall Systems Plan  
Approximate Study Limits  
December 2013



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 71, SERIES OF 2013 (Authorization for a Planning Study of SJCD 6100 at Coal Mine Avenue)

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

WHEREAS, the City of Centennial and Arapahoe County have enacted floodplain regulations; and

WHEREAS, the City of Centennial and Arapahoe County have assigned and transferred to Southeast Metro Stormwater Authority (SEMSWA) their rights and obligations for the Coal Mine Avenue alternatives analysis project; and

WHEREAS, the Board has previously established a Work Program for 2014 (Resolution No. 53, Series of 2013) which includes master planning; and

WHEREAS, the Board adopted a General Fund Budget for calendar year 2014 (Resolution No. 43, Series of 2013), subsequent to a public hearing, which includes funds for master planning; and

WHEREAS, the Board wishes to cooperate with SEMSWA in the identification of solutions to stormwater drainage and flood control management problems for SJCD 6100 at Coal Mine Avenue (Exhibit A); and

WHEREAS, SEMSWA has expressed a desire to participate in a study leading to a conceptual design for SJCD 6100 at Coal Mine Avenue and to fund the local share; and

WHEREAS, the cost of engineering and mapping services for master planning is estimated to be \$60,000 and is expected to be divided among participating entities as follows:

	<u>Planning Study</u>
District	\$30,000
<u>SEMSWA</u>	<u>\$30,000</u>
TOTAL	\$60,000

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute an agreement with the Southeast Metro Stormwater Authority to fund the required engineering and mapping services for the SJCD 6100 at Coal Mine Avenue planning study.
2. The Executive Director is authorized to procure any needed mapping and to execute a contract with a qualified engineer(s) for required engineering services.
3. The expenditures for the consulting and mapping services are estimated at \$60,000 and the District's share of total costs shall not exceed \$30,000 plus interest earned on monies deposited in the project fund which contribution for the planning portion of this project shall be matched by the Southeast Metro Stormwater Authority.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson



# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 71, SERIES OF 2013

(Authorization for a Planning Study of SJCD 6100 at Coal Mine Avenue)

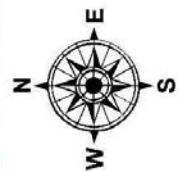


EXHIBIT A  
COAL MINE AVE AT SJCD 6100  
Alternatives Analysis  
Approximate Study Limits  
December 2013





# THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

## RESOLUTION NO. 72, SERIES OF 2013 (Authorization for a Planning Study of Little Dry Creek)

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

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

WHEREAS, the Board has previously established a Work Program for 2014 (Resolution No. 53, Series of 2013) which includes master planning; and

WHEREAS, the Board adopted a General Fund Budget for calendar year 2014 (Resolution No. 43, Series of 2013), subsequent to a public hearing, which includes funds for master planning; and

WHEREAS, the Board wishes to cooperate with the City of Westminster, Adams County, and the City of Arvada in the identification of solutions to stormwater drainage and flood control management problems for Little Dry Creek (Exhibit A); and

WHEREAS, the City of Westminster, Adams County, and the City of Arvada have expressed a desire to participate in a study leading to a major drainageway plan (MDP) and flood hazard area delineation (FHAD) for Little Dry Creek and to fund the local share; and

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

	<u>Planning Study</u>	<u>FHAD</u>
District	\$100,000	\$60,000
Westminster	\$43,000	-
Adams County	\$14,000	-
<u>Arvada</u>	<u>\$43,000</u>	<u>-</u>
TOTAL	\$200,000	\$60,000

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute an agreement with the City of Westminster, Adams County, and the City of Arvada to fund the required engineering and mapping services for the Little Dry Creek planning study.
2. The Executive Director is authorized to procure any needed mapping and to execute a contract with a qualified engineer(s) for required engineering services.
3. The expenditures for the consulting and mapping services are estimated at \$260,000 and the District's share of total costs shall not exceed \$160,000 plus interest earned on monies deposited in the project fund which contribution for the planning portion of this project shall be matched by the City of Westminster, Adams County, and the City of Arvada.

(SEAL)

THE URBAN DRAINAGE AND  
FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 72, SERIES OF 2013  
(Authorization for a Planning Study of Little Dry Creek)

