

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 68, SERIES OF 2010
(Adoption of Five Year Capital Improvement Plan: 2010-2014)

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. 1973, as amended, 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. 71, Series of 2009, the Board set forth projects that were adopted as a part of the comprehensive program for the years 2009 through 2013; and

WHEREAS, the Board desires to revise the comprehensive five-year capital improvement plan on an annual basis; and

WHEREAS, a public hearing on the proposed plan was held on December 16, 2010 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 (see attached) is adopted as a part of the comprehensive five-year program for the years 2010 through 2014 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.

(SEAL)

URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 69, SERIES OF 2010
(Adoption of 2011 Work Program)

WHEREAS, the 2011 Budget anticipated a work plan emphasizing the planning, design, and construction of solutions to major drainage problems of the District; and

WHEREAS, the 2011 Budget anticipated a work plan emphasizing maintenance and preservation of major drainageways in the District; and

WHEREAS, the 2011 Budget anticipated a work plan recognizing the value of preventive and remedial master planning on developed and undeveloped floodplains; and

WHEREAS, the 2011 Budget anticipated a work plan recognizing the need for floodplain management activities; and

WHEREAS, the 2011 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 2011 Budget anticipated a work plan which included District assistance to Denver, Lakewood, Aurora and other local governments in complying with and applying for 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 2011.

NOW, THEREFORE, BE IT RESOLVED that the Work Program for 2011 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 accepted 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. Maintain public drainage facilities along the South Platte River pursuant to the accepted South Platte River Maintenance 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 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 the Federal Emergency Management Agency (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 program.
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 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.

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/quality data collection program including cooperative efforts with the 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 Volumes 1, 2, and 3 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
Work Program Adoption 1210

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 70, SERIES OF 2010
(Authorization of 2011 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 from each county; and

WHEREAS, the Board of Directors, pursuant to such authorization adopted a budget for 2011 (Resolution No. 52, Series of 2010) which includes \$7,479,994 for the maintenance of drainage and flood control facilities within the District; and

WHEREAS, the Board of Directors desires to proceed with 2011 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 2011 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 2011 Maintenance Work Plan.
3. The total 2011 expenditures for maintenance services shall not exceed \$7,479,994 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. 71,, SERIES OF 2010
(Authorization of 2011 Maintenance Expenditures for South Platte River)

WHEREAS, the Board established policy regarding maintenance of the South Platte River (Resolution No. 58, Series of 1986); and

WHEREAS, the Board of Directors adopted a budget for 2011, (Resolution No. 52, Series of 2010) which includes \$1,530,000 for the maintenance of the South Platte River; and

WHEREAS, the Board of Directors desires to proceed with 2011 South Platte River maintenance and 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 routine and restoration maintenance of flood control, 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 2011 routine and restoration maintenance activities.
3. The total expenditures for routine and restoration maintenance of the South Platte River shall not exceed \$1,530,000 in 2011 without further approval of the Board.

(SEAL)

URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 72, SERIES OF 2010
(Authorization of Funding Support of 2011 Municipal Stormwater Activities)

WHEREAS, the Board previously authorized District support of local governments within the District in their efforts to comply with National Pollutant Discharge Elimination System (NPDES) municipal stormwater discharge permit requirements and related activities; and

WHEREAS, the State of Colorado issues NPDES discharge permits under the Colorado Discharge Permit System (CDPS); and

WHEREAS, the NPDES Phase 1 municipalities of Denver, Aurora, and Lakewood, as well as the Phase 2 municipalities within the District boundaries, have relied on District assistance with ongoing monitoring, development of educational materials, and the development and distribution of periodic updates to the Urban Storm Drainage Criteria Manual; and

WHEREAS, NPDES regulated municipalities within the District agree that a unified and coordinated approach in permit compliance is most efficient and cost effective and have requested continued District support and assistance in complying with their permit application and compliance processes; and

WHEREAS, services of a consulting engineer, other professionals, and other support personnel will continue to be needed in 2011 to support these efforts; and

WHEREAS, the Board desires to continue assisting local governments within the District with their current and evolving CDPS permit programs and 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 adopted 2011 Work Program (Resolution No. 69, Series of 2010) includes funds to coordinate with and assist local governments within the District in these efforts.

NOW, THEREFORE, BE IT RESOLVED THAT:

The Executive Director is authorized to continue to contract for necessary consulting, monitoring and other services in 2011 required for the District to assist regulated municipalities within the District in their efforts to comply with NPDES 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.

(SEAL)

URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 73, SERIES OF 2010
(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 adopted 2011 Work Program (Resolution No. 69, Series of 2010) includes continuation of the rainfall/runoff/quality data collection program; and

WHEREAS, the District has been engaged in cooperative agreements with the USGS since October 1970 with regard to storm rainfall and runoff investigations and peak flow data collection; and

WHEREAS, the District has cooperated since 1982 with local communities to jointly fund the local costs of measuring stations on the South Platte River at Dartmouth Avenue, Cherry Creek at Champa Street, and Clear Creek near Golden, Colorado; and

WHEREAS, the District has also established gauges on a number of the District's waterways to measure peak flood flow rate; and

WHEREAS, the USGS, an agency of the federal government, has funds available to support the continued maintenance of the above-stated flow measuring stations, and has offered to renew a cooperative agreement related to such data collection; and

WHEREAS, the District has budgeted funds in 2011 for this activity.

NOW, THEREFORE, BE IT RESOLVED THAT:

The Executive Director is authorized to enter into a cooperative agreement covering the 2010-2011 federal fiscal year with the USGS and to commit up to \$55,200 of District funds which is within the amount budgeted and appropriated in 2011 for this purpose. The District shall cooperate fully in the execution and completion of said cooperative agreement.

(SEAL)

URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 74, SERIES OF 2010
(Authorization of Funds to Complete Flood Hazard Area Delineation,
Letter of Map Revision Studies, Digital Flood Insurance Rate Map Maintenance,
and Other Floodplain Management Activities)

WHEREAS, the Board has previously established a Work Program for 2011 (Resolution No. 69, Series of 2010) which includes the delineation of flood hazard areas and coordination of 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 2011 (Resolution No. 52, Series of 2010) that included \$345,000 in the General Fund for Flood Hazard Area Delineation; 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 significant funds available in 2011 for the maintenance of effective Digital Flood Insurance Rate Maps (DFIRM), which will require an as yet undetermined local contribution.

NOW THEREFORE BE IT RESOLVED THAT:

1. The Executive Director is authorized to expend the \$345,000 in the Floodplain Management budget for 2011, 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, 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. 75, SERIES OF 2010
(Authorization of 2011 Maintenance Expenditures to Assist Local Governments in
Maintaining Existing Flood Warning Systems)

WHEREAS, the District adopted a budget for calendar year 2011 (Resolution No. 52, Series of 2010) that included \$355,000 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 NPDES requirements for Phase I communities; and

WHEREAS, the District adopted a Work Program for 2011 which includes the continuation of a program to provide meteorological services to local governments (Resolution No. 69, Series of 2010) which relies in part on the ALERT gauging 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, installation and maintenance must start in early March in order for the early flood detection system to be 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 2011 flood season.
2. The costs of these services shall not exceed \$355,000 for calendar year 2011.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 76, SERIES OF 2010
(Authorization to Establish an Areawide Meteorological
Support Service to Local Governments)

WHEREAS, the District has previously established a Work Program for 2011 (Resolution No. 69, Series of 2010) which includes the provision of meteorological services to supplement National Weather Service watches and warnings; and

WHEREAS, the District adopted a budget for calendar year 2011 (Resolution No. 52, Series of 2010) that included \$98,000 in the General Fund for provision of meteorological services; 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 2011 flood season.
2. The costs of these services shall not exceed \$98,000 for calendar year 2011 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 \$35,500 for calendar year 2011 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. 77, SERIES OF 2010

(Authorization to Participate in Drainage and Flood Control Improvements
on Sulphur Gulch from Parker Road to Approximately Half a Mile Upstream of Pine Drive)

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 2001; and

WHEREAS, the Town of Parker has requested District participation in the 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 has estimated the total project costs to be \$ 1,090,000; and

WHEREAS, the District's participation being authorized by this resolution is \$545,000; 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. 52, Series of 2010) 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 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 Program (Resolution No. 68, Series of 2010) 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. The Executive Director is authorized to execute the necessary agreements with the Town of Parker for the design and construction of drainage and flood control improvements on Sulphur Gulch from Parker Road to approximately half a mile upstream of Pine 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 and construction of drainage and flood control improvements on Sulphur Gulch from Parker Road to approximately half a mile upstream of Pine Drive.
3. 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 \$545,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the Town of Parker.

- Such approval for expenditure of District funds is contingent upon the Town of Parker agreeing to regulate and control any defined floodplain in the Sulphur Gulch from Parker Road to approximately half a mile upstream of Pine Drive project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

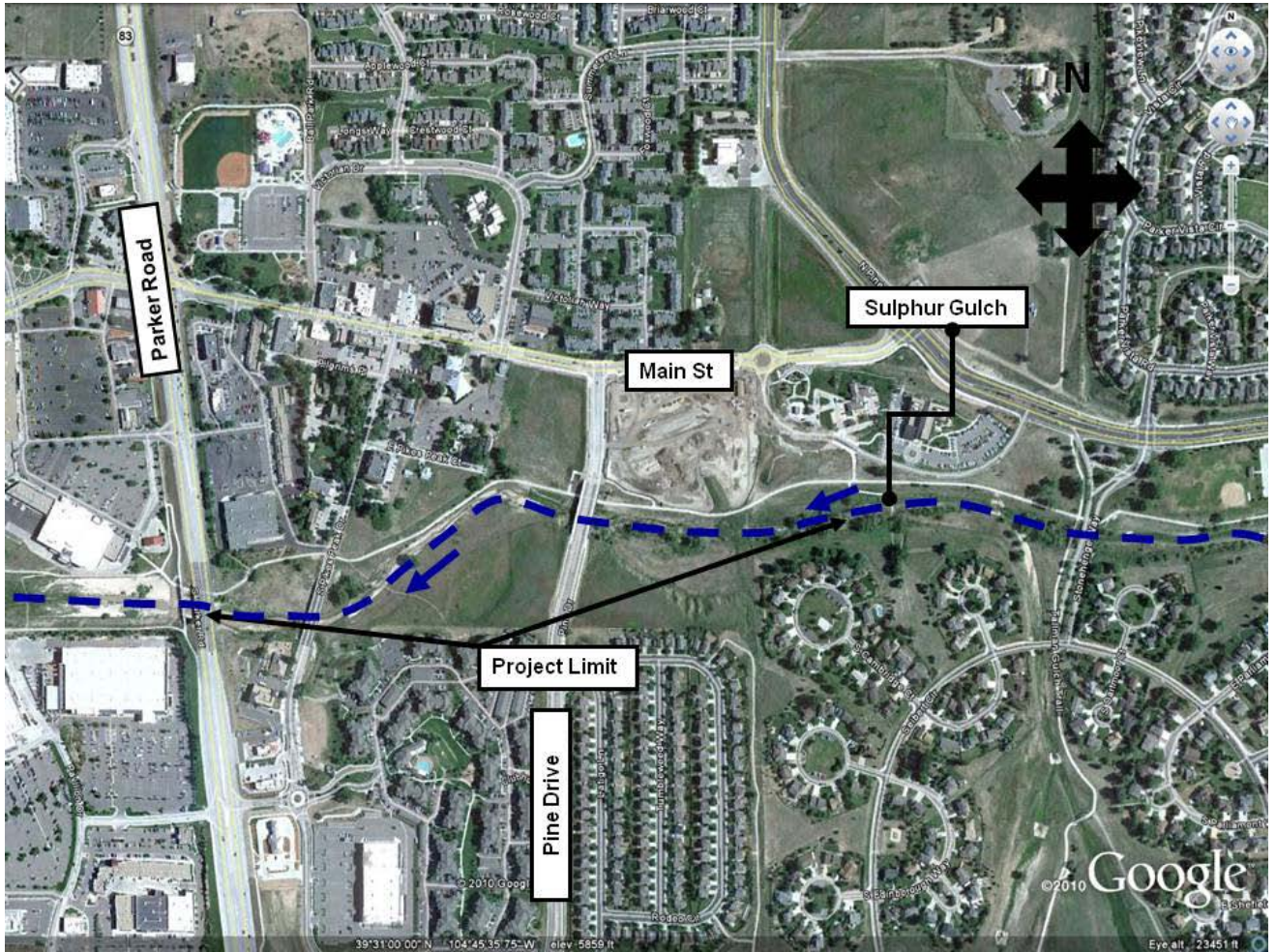
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 77, SERIES OF 2010

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

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 78, SERIES OF 2010
(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Baranmor Ditch in the 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 "Baranmor Ditch Watershed Outfall Systems Planning Study" dated May 2010; and

WHEREAS, the Board previously authorized, (Resolution No. 29, Series of 2010) \$250,000 for design, acquisition of right-of-way, and construction of improvements along Baranmor Ditch (Exhibit A); and

WHEREAS, the City of Aurora and the District now desire to construct improvements along Baranmor Ditch; and

WHEREAS, the City of Aurora has estimated the additional project costs to be \$400,000 resulting in a revised total project cost of \$2,250,000; 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. 52, Series of 2010) for calendar year 2011 subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Baranmor Ditch; and

WHEREAS, the District has adopted at a public hearing a Five-Year Capital Improvement Plan, (Resolution No. 68, Series of 2010) in which the improvements along Baranmor Ditch were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 29, Series of 2010, Paragraph 3, is amended as follows:
"The District's maximum contribution to the Baranmor Ditch project without prior approval of the Board shall be ~~\$250,000~~ **\$450,000** 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. 29, Series of 2010.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
RESOLUTION NO. 78, SERIES OF 2010
(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Bararmor Ditch in the City of Aurora, Adams County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 79, SERIES OF 2010
(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Cherry Creek at Hess Road in 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, Arapahoe County, Aurora, Centennial, Parker, Douglas County 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 Board previously authorized, (Resolution No. 64, Series of 2010) \$60,000 for design, acquisition of right-of-way, and construction of improvements along Cherry Creek at Hess Road (Exhibit A); and

WHEREAS, Douglas County and the District now desire to construct improvements along Cherry Creek at Hess Road; and

WHEREAS, Douglas County has estimated the additional project costs to be \$120,000 resulting in a revised total project cost of \$ 240,000; and

WHEREAS, the District's additional participation being authorized by this resolution is \$60,000; 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. 52, Series of 2010) for calendar year 2011 subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Cherry Creek; and

WHEREAS, the District has adopted at a public hearing a Five-Year Capital Improvement Plan, (Resolution No. 68, Series of 2010) in which the improvements along Cherry Creek were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 64, Series of 2010, Paragraph 3, is amended as follows:
"The District's maximum contribution to the Cherry Creek at Hess Road project without prior approval of the Board shall be ~~\$60,000~~ **\$ 120,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Douglas County."
2. All other conditions and authorizations remain as stated in Resolution No. 64, Series of 2010.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 79, SERIES OF 2010
(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Cherry Creek at Hess Road in Douglas County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 80, SERIES OF 2010
(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Little Dry Creek in the City of Greenwood Village, Arapahoe County)

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

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

WHEREAS, Arapahoe County, Greenwood Village, Cherry Hills Village, City of Centennial, South Suburban Parks and Recreation District, and the District cooperated in the preparation of " Little Dry Creek in Arapahoe County Major Drainageway Planning Study " dated August 2004; and

WHEREAS, the Board previously authorized, (Resolution No. 42, Series of 2007, and Resolution No. 22, Series of 2010) \$200,000 for design, acquisition of right-of-way, and construction of improvements along Little Dry Creek (Exhibit A); and

WHEREAS, the City of Greenwood Village and the District now desire to construct improvements along Little Dry Creek; and

WHEREAS, the City of Greenwood Village has estimated the additional project costs to be \$440,000 resulting in a revised total project cost of \$840,000; and

WHEREAS, the District's additional participation being authorized by this resolution is \$220,000; 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. 52, Series of 2010) for calendar year 2011 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. 68, Series of 2010) in which the improvements along Little Dry Creek were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 42, Series of 2007, Paragraph 3, is further amended as follows:
"The District's maximum contribution to the Little Dry Creek project without prior approval of the Board shall be ~~\$200,000~~ **\$420,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Greenwood Village."
2. All other conditions and authorizations remain as stated in Resolution No. 42, Series of 2007.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

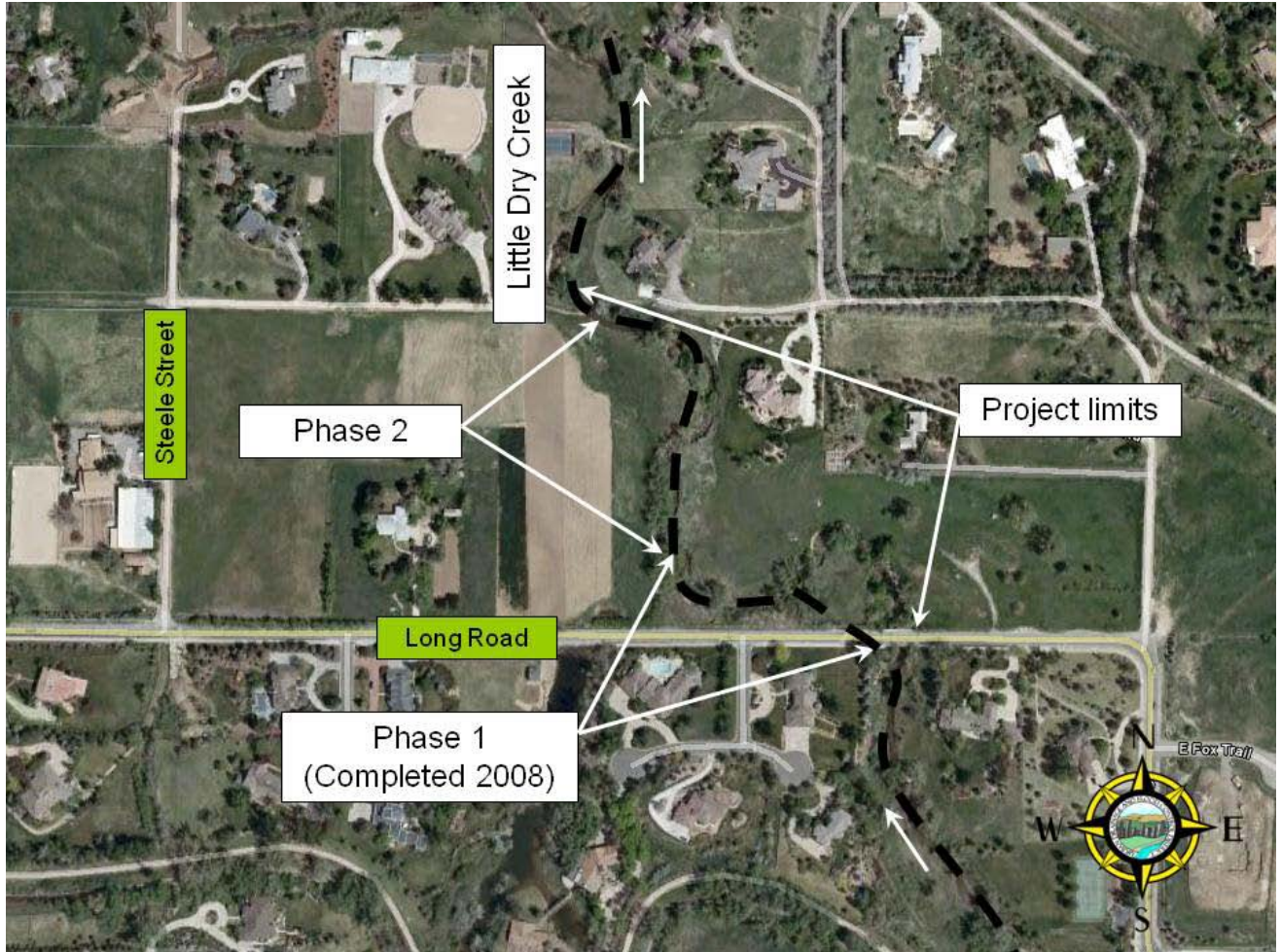
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 80, SERIES OF 2010

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Little Dry Creek in the City of Greenwood Village, Arapahoe County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 81, SERIES OF 2010
(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Marcy Gulch Downstream of Town Center Drive in Douglas County)

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

WHEREAS, Douglas County has enacted floodplain regulations; and

WHEREAS, the Highlands Ranch Metropolitan District participated in the preparation of "Master Plan of Drainage for Marcy Gulch" dated 1985; and

WHEREAS, the Board previously authorized, (Resolution No. 67, Series of 2010) \$265,000 for design, acquisition of right-of-way, and construction of improvements along Marcy Gulch downstream of Town Center Drive in Douglas County (Exhibit A); and

WHEREAS, Douglas County, the Highlands Ranch Metropolitan District, and the District now desire to construct improvements along Marcy Gulch downstream of Town Center Drive in Douglas County; and

WHEREAS, Douglas County and the Highlands Ranch Metropolitan District have estimated the additional project costs to be \$852,000 resulting in a revised total project cost of \$1,922,000; and

WHEREAS, the District's additional participation being authorized by this resolution is \$640,000; 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. 52, Series of 2010) for calendar year 2011 subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Marcy Gulch downstream of Town Center Drive in Douglas County; and

WHEREAS, the District has adopted at a public hearing a Five-Year Capital Improvement Plan, (Resolution No. 68, Series of 2010) in which the improvements along Marcy Gulch downstream of Town Center Drive in Douglas County were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 67, Series of 2010, Paragraph 3, is amended as follows:
"The District's maximum contribution to the Marcy Gulch downstream of Town Center Drive in Douglas County project without prior approval of the Board shall be ~~\$265,000~~ **\$905,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by Douglas County and the Highlands Ranch Metropolitan District."
2. All other conditions and authorizations remain as stated in Resolution No. 67, Series of 2010.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 81, SERIES OF 2010

(Additional Authorization to Participate in Drainage and Flood Control Improvements on Marcy Gulch Downstream of Town Center Drive in Douglas County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 82, SERIES OF 2010

(Authorization for a Planning Study of Sand Creek – Colfax Avenue to Yale Avenue Extended)

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, 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) their rights and obligations for the Sand Creek from Colfax to Yale Avenue extended planning study project; and

WHEREAS, the Board has previously established a Work Program for 2011 (Resolution No. 69, Series of 2010) which includes master planning; and

WHEREAS, the City of Aurora and SEMSWA have expressed a desire to participate in a study leading to a major drainageway plan and flood hazard area delineation (FHAD) for Sand Creek from Colfax Avenue to Yale Avenue extended and to fund the local share of project costs; 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 Sand Creek between Colfax Avenue and Yale Avenue extended (Exhibit A); and

WHEREAS, the cost of engineering and mapping services for master planning is estimated to be \$220,000 and is expected to be divided among participating entities as follows:

	<u>Planning Study</u>	<u>FHAD</u>
District	\$110,000	\$50,000
Aurora	\$ 92,000	-
<u>SEMSWA</u>	<u>\$ 18,000</u>	<u>-</u>
TOTAL	\$220,000	\$50,000

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute an agreement with the City of Aurora and SEMSWA to fund the required engineering and mapping services for the Sand Creek from Colfax Avenue to Yale Avenue extended 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 \$270,000 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 Aurora and SEMSWA.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
RESOLUTION NO. 82, SERIES OF 2010
(Authorization for a Planning Study of Sand Creek – Colfax Avenue to Yale Avenue Extended)

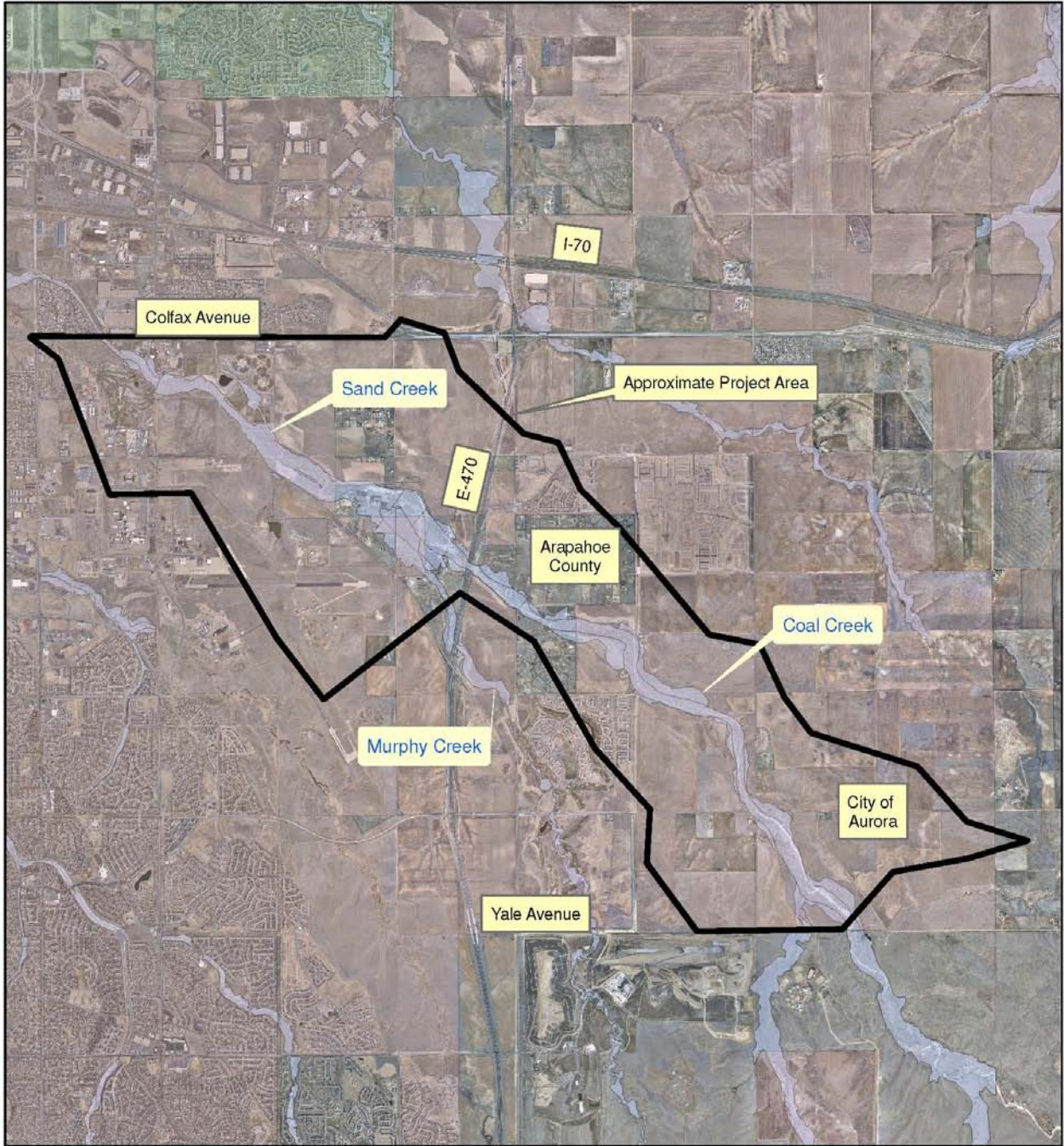


EXHIBIT A
Sand Creek (Colfax Ave. to Yale Ave. extended)
Major Drainageway Plan and FHAD
Approximate Study Limits
December 2010



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 83, SERIES OF 2010
(Acceptance of Flood Hazard Area Delineation
Report for Willow Creek)

WHEREAS, the Board has previously established a Work Program for 2009 (Resolution No. 72, Series of 2008) 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. 78, Series of 2008); and

WHEREAS, the Executive Director has executed an agreement with CH2MHill for a master planning and flood hazard area delineation study of Willow Creek; and

WHEREAS, a report "Flood Hazard Area Delineation, Willow Creek" dated December 2010 has been completed by CH2MHill; 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 HB 1041.

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, Willow Creek" dated December 2010 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 Centennial, Lone Tree and Douglas 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), Colorado Revised Statutes, 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

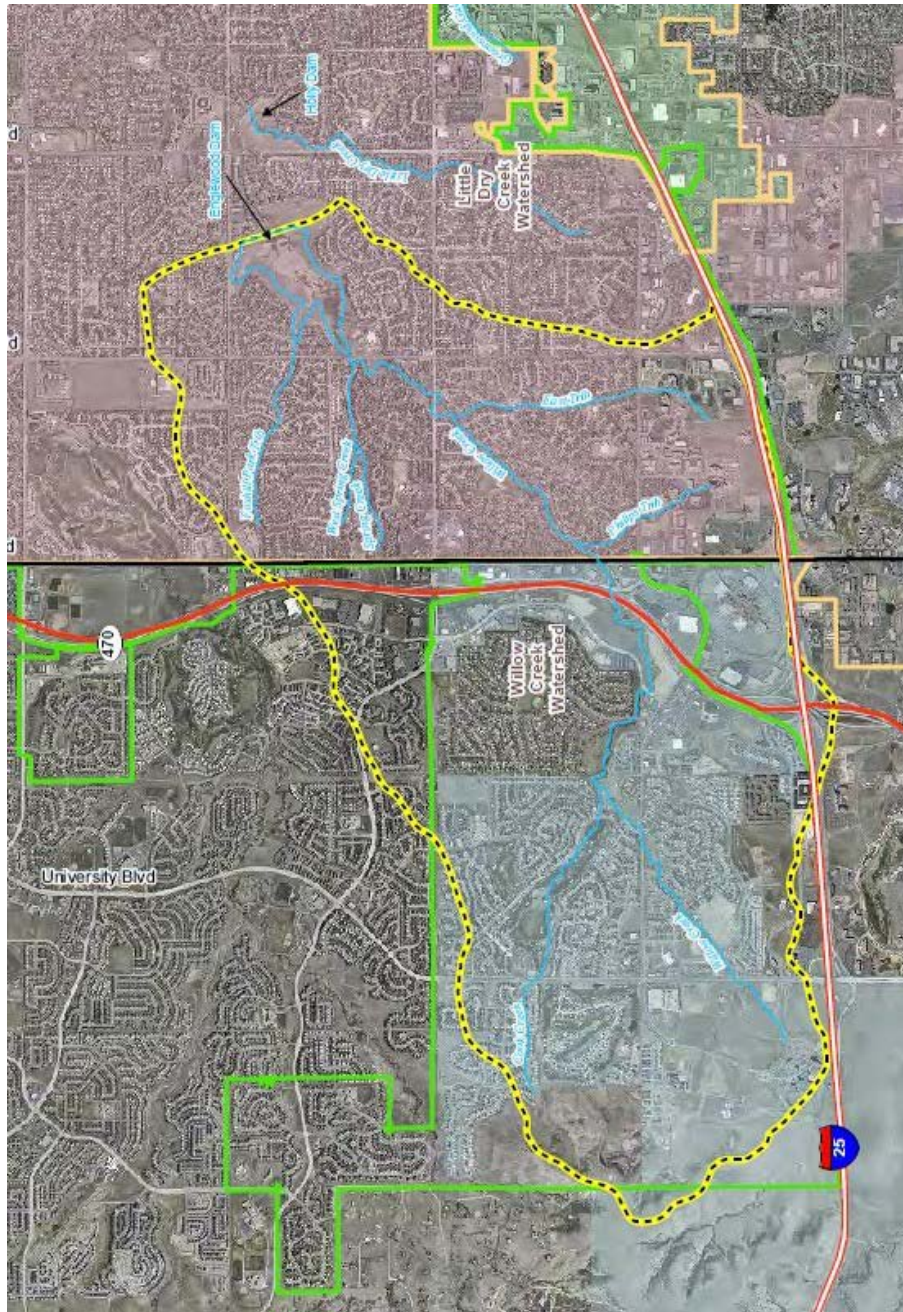
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 83, SERIES OF 2010

(Acceptance of Flood Hazard Area Delineation
Report for Willow Creek)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 84, SERIES OF 2010
(Executive Director 2011 Compensation)

WHEREAS, it is Board policy to review the Executive Director of the District's salary annually for adjustment as of January 1 based on market conditions, prevailing wages and job performance; and

WHEREAS, it is the Board's responsibility to consider and approve any appropriate annual adjustments in the Executive Director's compensation; and

WHEREAS, an independent salary analysis has been made by Mountain States Employers Council, Inc. consultant, Sheree Steiner, which data includes several other Flood Control Districts and private engineering or consulting companies of similar scope to the District; and

WHEREAS, the Executive Committee of the District's Board of Director's has reviewed the salary analysis and based on that analysis and the experience and performance of District Executive Director, made recommendations to the Board.

NOW, THEREFORE, BE IT RESOLVED THAT:

The Board approves the recommendation of the Executive Committee for a one time performance merit award for the Executive Director of 2%.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson