

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 57, SERIES OF 2011
(Adoption of Five Year Capital Improvement Plan: 2011-2015)

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. 68, Series of 2010, the Board set forth projects that were adopted as a part of the comprehensive program for the years 2010 through 2014; 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 2011 – 2015 CIP; and

WHEREAS, a public hearing on the proposed plan was held on December 15, 2011 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 2011 through 2015 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 government must provide at least a 50% match to District funds.
 - d. Local government 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 period of time.

(SEAL)

URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 58, SERIES OF 2011
(Adoption of 2012 Work Program)

WHEREAS, the 2012 Budget anticipated a work plan emphasizing the planning, design, and construction of solutions to major drainage problems of the District; and

WHEREAS, the 2012 Budget anticipated a work plan emphasizing maintenance and preservation of major drainageways in the District; and

WHEREAS, the 2012 Budget anticipated a work plan recognizing the value of preventive and remedial master planning on developed and undeveloped floodplains; and

WHEREAS, the 2012 Budget anticipated a work plan recognizing the need for floodplain management activities; and

WHEREAS, the 2012 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 2012 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 2012.

NOW, THEREFORE, BE IT RESOLVED that the Work Program for 2012 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 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. 59, SERIES OF 2011
(Authorization of 2012 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 2012 (Resolution No. 49, Series of 2011) which includes \$8,713,500 for the maintenance of drainage and flood control facilities within the District; and

WHEREAS, the Board of Directors desires to proceed with 2012 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 2012 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 2012 Maintenance Work Plan.
3. The total 2012 expenditures for maintenance services shall not exceed \$8,713,500 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
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Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
RESOLUTION NO. 60, SERIES OF 2011
(Authorization of 2012 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 2012, (Resolution No. 49, Series of 2011) which includes \$2,235,000 for the maintenance of the South Platte River; and

WHEREAS, the Board of Directors desires to proceed with 2012 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 2012 routine and restoration maintenance activities.
3. The total expenditures for routine and restoration maintenance of the South Platte River shall not exceed \$2,235,000 in 2012 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. 61, SERIES OF 2011
(Authorization of Funding Support of 2012 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 Separate Stormwater Sewer System (MS4) permit requirements and related activities; and

WHEREAS, the State of Colorado issues MS4 discharge permits to communities within the District under the Colorado Discharge Permit System (CDPS); and

WHEREAS, the MS4 permitted municipalities within the District boundaries have relied on District assistance with ongoing stormwater runoff monitoring, development of educational and outreach materials and programs, and the development of periodic updates to the Urban Storm Drainage Criteria Manual; and

WHEREAS, the MS4 permitted 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 consulting engineers, other professionals, and other support personnel will continue to be needed in 2012 to support these efforts; and

WHEREAS, the Board desires to continue assisting local 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 2012 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 \$150,000, which funds are included in the 2012 Work Program (Resolution No. 58, Series of 2011) for these efforts.

NOW, THEREFORE, BE IT RESOLVED THAT:

The Executive Director is authorized to continue to contract for necessary consulting, monitoring, education/outreach, and other services in 2012 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. The expenditures of District funds in 2012 for this work shall not exceed \$150,000 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. 62, SERIES OF 2011
(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 since October 1970 with regard to rainfall, runoff, stream flow data collection and investigations; and

WHEREAS, the District has cooperated since 1982 with local communities and the USGS to jointly fund the costs of rainfall and continuous stream flow measuring stations on the South Platte River and Clear Creek; and

WHEREAS, the District has also established gauges on a number of major streams within the District in order to measure peak flood 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, 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 cost of entering into a cooperative agreement with the USGS in 2012 with regard to rainfall, runoff, and stream flow data collection and investigations is estimated at \$65,000, which funds are included in the 2012 Work Program (Resolution No. 58, Series of 2011) for these efforts.

NOW, THEREFORE, BE IT RESOLVED THAT:

The Executive Director is authorized to enter into a cooperative agreement with the USGS with regard to rainfall, runoff, and stream flow data collection and investigations. The expenditures of District funds in 2012 for this work shall not exceed \$65,000 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. 63, SERIES OF 2011
(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 2012 (Resolution No. 6958, Series of 2011) 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 2012 (Resolution No. 49, Series of 2011) 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 2012 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 2012, 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. 64, SERIES OF 2011
(Authorization of 2012 Maintenance Expenditures to Assist Local Governments in
Maintaining Existing Flood Warning Systems)

WHEREAS, the District adopted a budget for calendar year 2012 (Resolution No. 49, Series of 2011) that includes \$390,000 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 2012 which includes the continuation of a program to provide meteorological services to local governments (Resolution No. 58, Series of 2011) 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 2012 flood season.
2. The costs of these services shall not exceed \$390,000 for calendar year 2012.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 65, SERIES OF 2011
(Authorization to Establish an Areawide Meteorological
Support Service to Local Governments)

WHEREAS, the District has previously established a Work Program for 2012 (Resolution No. 58, Series of 2011) 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 2012 (Resolution No. 49, Series of 2011) 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 2012 flood season.
2. The costs of these services shall not exceed \$98,000 for calendar year 2012 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 2012 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 2011

(Acceptance of Flood Hazard Area Delineation Report for Piney Creek and Antelope 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 WRC Engineering Inc. for a master planning and flood hazard area delineation study of Piney Creek and Antelope Creek; and

WHEREAS, a report "Flood Hazard Area Delineation, Piney Creek and Antelope Creek" dated December 2011 has been completed by WRC Engineering 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.* 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, Piney Creek and Antelope Creek" dated December 2011 and recommends its use as a guide in future planning related to the floodplains contained therein.
2. The Board of Directors of the Urban Drainage and Flood Control District recommends that the City of Aurora, City of Centennial, Arapahoe County 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), 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

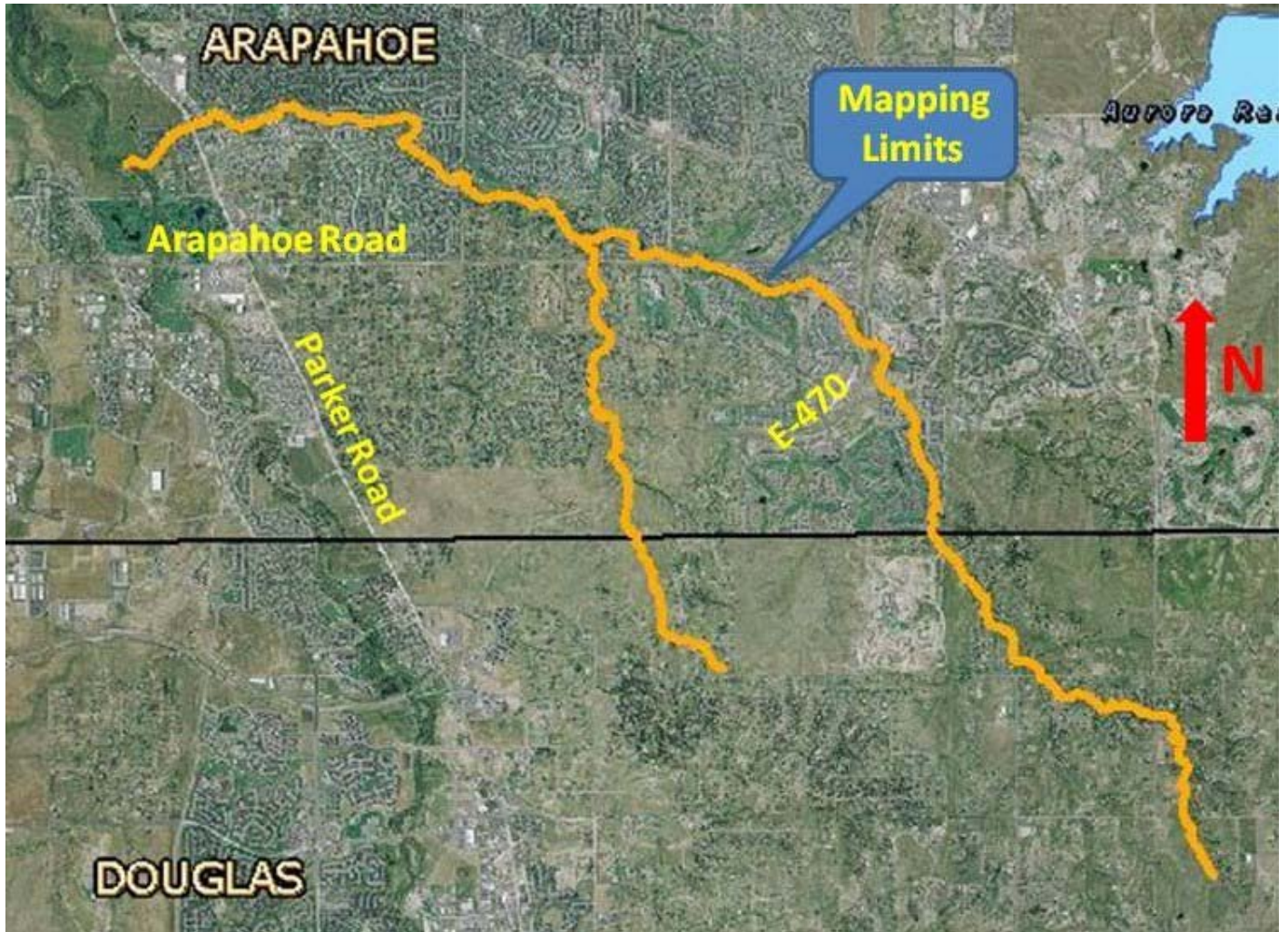
Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 66, SERIES OF 2011

(Acceptance of Flood Hazard Area Delineation Report for Piney Creek and Antelope Creek)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO, 67, SERIES OF 2011

(Additional Authorization to Participate in Drainage and Flood Control Improvements on North Branch of Coon Creek, Upstream of Kipling, Jefferson County)

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

WHEREAS, Jefferson County has enacted floodplain regulations; and

WHEREAS, Jefferson County and the District cooperated in the preparation of "Dutch Creek, Coon Creek, Lilley Gulch and Three Lakes Tributary, Major Drainageway Planning and Flood Hazard Area Delineation" dated December 2008; and

WHEREAS, the Board previously authorized (Resolution No. 22, Series of 2009 and Resolution No. 59, Series of 2010) \$240,000 for design and construction of improvements along North Branch of Coon Creek, Upstream of Kipling (Exhibit A); and

WHEREAS, additional project costs have been estimated to be \$172,500, resulting in a revised total project cost of \$652,500; and

WHEREAS, the District's additional participation being authorized by this resolution is \$86,250; and

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget, (Resolution No. 49, Series of 2011) for calendar year 2012, subsequent to public hearing, which includes funds for design and construction of drainage and flood control improvements along North Branch of Coon Creek, Upstream of Kipling; 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 North Branch of Coon Creek, Upstream of Kipling were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 59, Series of 2010, Paragraph 3, is amended as follows:
The District's maximum contribution to the North Branch of Coon Creek, Upstream of Kipling project, without prior approval of the Board, shall be ~~\$240,000~~ **\$326,250** 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. 59, Series of 2010.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 67, SERIES OF 2011

(Additional Authorization to Participate in Drainage and Flood Control Improvements on North Branch of Coon Creek, Upstream of Kipling, Jefferson County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 68, SERIES OF 2011
(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Ridge Road Tributary, Downstream of Ward Road, City of Wheat Ridge,
and City of Arvada in 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 Wheat Ridge and the City of Arvada have enacted floodplain regulations; and

WHEREAS, the City of Wheat Ridge, the City of Arvada, and the District cooperated in the preparation of "Outfall Systems Planning – Columbine Basin" dated December 1994; and

WHEREAS, the Board previously authorized, (Resolution No. 34, Series of 2011) \$100,000 for design, acquisition of right-of-way, and construction of improvements along Ridge Road Tributary, downstream of Ward Road (Exhibit A); and

WHEREAS, the City of Wheat Ridge, the City of Arvada, and the District have estimated the additional project costs to be \$3,000,000 resulting in a revised total project cost of \$3,200,000; and

WHEREAS, the District’s additional participation being authorized by this resolution is \$1,500,000; 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 2012 subsequent to public hearing, which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements along Ridge Road Tributary, downstream of Ward Road; 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 Ridge Road Tributary, downstream of Ward Road were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 34, Series of 2011, Paragraph 3, is amended as follows:
"The District's maximum contribution to the Ridge Road Tributary, downstream of Ward Road project without prior approval of the Board shall be ~~\$400,000~~ **\$1,600,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Wheat Ridge and the City of Arvada."
2. All other conditions and authorizations remain as stated in Resolution No. 34, Series of 2011.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 68, SERIES OF 2011

(Authorization to Participate in Drainage and Flood Control Improvements on Ridge Road Tributary, Downstream of Ward Road, City of Wheat Ridge, and City of Arvada in Jefferson County)

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 69, SERIES OF 2011

(Authorization to Participate in Drainage and Flood Control Improvements on Piney Creek at Tower Road, 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 assigned and transferred to the Southeast Metro Stormwater Authority (SEMSWA) its rights and obligation for the Piney Creek at Tower Road project; and

WHEREAS, Arapahoe County and the District cooperated in the preparation of "Piney Creek and Tributaries Stream Stabilization and Crossing Plan" dated October 1989; and

WHEREAS, SEMSWA has requested District participation in the design, acquisition of right-of-way, and construction of improvements along Piney Creek at Tower Road (Exhibit A); and

WHEREAS, SEMSWA and the District have estimated the total project costs to be \$1,000,000; and

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

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

WHEREAS, the District has adopted a Special Revenue Fund-Construction Budget (Resolution No. 49, Series of 2011) for calendar year 2012 subsequent to public hearing, which includes funds for design, acquisition of right-of-way, and construction of drainage and flood control improvements along Piney Creek at Tower Road; 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 Piney Creek at Tower Road were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with SEMSWA for the design, acquisition of right-of-way, and construction of drainage and flood control improvements on Piney Creek at Tower Road.
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 Piney Creek at Tower Road.
3. The District's maximum contribution to the Piney Creek at Tower Road project, without prior approval of the Board, shall be \$400,000 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by SEMSWA.
4. Such approval for expenditure of District funds is contingent upon SEMSWA and Arapahoe County agreeing to regulate and control any defined floodplain in the Piney Creek at Tower Road project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary
Piney Crk at Tower Rd 1211

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 69, SERIES OF 2011

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

EXHIBIT A



THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 70, SERIES OF 2011

(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 reaffirmed (Resolution 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 District cooperated in the preparation of "City Park and 3207 Drainageways Outfall Systems Planning Study" dated June 2006; and

WHEREAS, the City and County of Broomfield has requested District participation in the design and construction of improvements along Nissen Reservoir Drainageway (Basin 3207) at Lowell Boulevard (Exhibit A); and

WHEREAS, the City and County of Broomfield has estimated the total project costs to be \$1,000,000; and

WHEREAS, the District's participation being authorized by this resolution is \$500,000; 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 2012, subsequent to public hearing, which includes funds for design and construction of drainage and flood control improvements along Nissen Reservoir Drainageway (Basin 3207) at Lowell Boulevard.

WHEREAS, District has adopted at a public hearing a Five-Year Capital Improvement Program (Resolution No. 57, Series of 2011) in which the improvements along Nissen Reservoir Drainageway (Basin 3207) at Lowell Boulevard were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to execute the necessary agreements with the City and County of Broomfield for the design and construction of drainage and flood control improvements along Nissen Reservoir Drainageway (Basin 3207) at Lowell 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 and construction of drainage and flood control improvements on Nissen Reservoir Drainageway (Basin 3207) at Lowell Boulevard.
3. 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 plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City and County of Broomfield.

4. Such approval for expenditure of District funds is contingent upon the City and County of Broomfield agreeing to regulate and control any defined floodplain in Nissen Reservoir Drainageway (Basin 3207) at Lowell Boulevard project area in accordance with the National Flood Insurance Program Regulation as a minimum; agreeing to maintain the completed facilities in a manner acceptable to the District; granting the District access to the completed improvements at all times; and agreeing not to make any changes to the improvements without the District's approval.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 70, SERIES OF 2011

(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. 71, SERIES OF 2011
(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Brantner Gulch at Holly Street)

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

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

WHEREAS, the City of Thornton and the District cooperated in the preparation of "Lower Brantner Gulch Major Drainageway Planning Update" dated January 2005; and

WHEREAS, the Board previously authorized, (Resolution No. 82, Series of 2008) \$250,000 for design, acquisition of right-of-way, and construction of improvements along Brantner Gulch (Exhibit A); and

WHEREAS, the City of Thornton and the District now desire to construct improvements along Brantner Gulch; and

WHEREAS, the City of Thornton has estimated the additional project costs to be \$1,450,000 resulting in a revised total project cost of \$1,950,000; and

WHEREAS, the District's additional participation being authorized by this resolution is \$725,000; 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 2012 subsequent to public hearing, which includes funds for construction of drainage and flood control improvements along Brantner Gulch; and

WHEREAS, the District has adopted at a public hearing a Five-Year Capital Improvement Plan, (Resolution No. 57, Series of 2011) in which the improvements along Brantner Gulch were included.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Resolution No. 82, Series of 2008, Paragraph 3, is amended as follows:
"The District's maximum contribution to the Brantner Gulch at Holly Street project without prior approval of the Board shall be ~~\$250,000~~ **\$975,000** plus interest earned on monies deposited in the project fund, which contribution shall be at least matched by the City of Thornton."
2. All other conditions and authorizations remain as stated in Resolution No. 82, Series of 2008.

(SEAL)

THE URBAN DRAINAGE AND
FLOOD CONTROL DISTRICT

Date: _____

ATTEST:

Secretary

Chairperson

THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

RESOLUTION NO. 71, SERIES OF 2011

(Additional Authorization to Participate in Drainage and Flood Control Improvements
on Brantner Gulch at Holly Street)

EXHIBIT A

