



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

August 19, 2010

MINUTES

Members Present:

Bob Broom	Mayor Pro Tem, City of Aurora
Bob Dyer	Mayor Pro Tem, City of Arvada
Faye Griffin	Commissioner, Jefferson County
Erik Hansen	Mayor, City of Thornton
Bob Hoffmaster	Engineer
Marcia Johnson	Council Member, City and County of Denver
Peggy Lehmann	Council Member, City and County of Denver
Nancy McNally	Mayor, City of Westminster
Alice Nichol	Commissioner, Adams County
Dave Sellards	Engineer
Nancy Sharpe	Mayor, City of Greenwood Village
Walt Spader	Mayor Pro Tem, City and County of Broomfield
Ron Weidmann	Mayor Pro Tem, City of Centennial
Ken Wilson	Deputy Mayor, City of Boulder

Members Absent:

Susan Beckman	Commissioner, Arapahoe County
Jerry DiTullio	Mayor, City of Wheat Ridge
Cindy Domenico	Commissioner, Boulder County
Joyce Downing	Mayor, City of Northglenn
Paul Lopez	Council Member, City and County of Denver
Andrew Muckle	Mayor, Town of Superior
Bob Murphy	Mayor, City of Lakewood
Jill Repella	Commissioner, Douglas County
Guillermo (Bill) Vidal	Deputy Mayor, City and County of Denver

UDFCD Staff Present:

Paul Hindman	Executive Director
Ed Krisor	Legal Counsel
Bill DeGroot	Manager, Floodplain Management
Dave Bennetts	Manager, Design, Construction, and Maintenance
Ken MacKenzie	Manager, Master Planning
Kevin Stewart	Manager, Information Services and Flood Warning
Laura Kroeger	Assistant Manager, Design, Construction, and Maintenance
Richard Borchardt	Senior Project Engineer, Design, Construction, and Maintenance
David Mallory	Senior Project Engineer, Floodplain Management
Holly Piza	Project Engineer, Master Planning
Julia Bailey	Information Services Engineer, Information Services and Flood Warning
Frank Dobbins	Director, Finance and Accounting
Sandra Gonzalez	Administrative Services Manager
Krystle Alirez	Student Intern

Others Present

Denise Perez	City/County of Denver, Aide to Council Member Paul Lopez
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1. **Call to Order – 1:00 p.m.**
Chairperson 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. **Swearing in of New Board Members**
No Board members were sworn in at this meeting.
 - b. **Visitors/Guests**
Paul introduced Krystle Alirez, the new student intern working with the Administrative support staff.
 - c. **Awards/Recognition**
No items this month.
4. **Approval of June 17, 2010, Meeting Minutes**
It was moved and seconded to approve the minutes as submitted.
5. **Consent Agenda**
 - a. **Review of Cash Disbursements**
Cash Disbursement lists dated June and July 2010 were 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 Lower Westerly Creek Major Drainageway Planning Study (Resolution No. 35, Series of 2010)**
Resolution No. 24, Series of 2007, authorized a Major Drainageway Planning Study for lower Westerly Creek, for which the District partnered with Aurora and Denver to fund and complete the study. Kiowa Engineering Corporation was selected to perform the study and has now completed the final report based on the engineer's recommendations as revised by the District, Denver, and Aurora in the Selected Plan.

This resolution accepts the report titled "Westerly Creek (Downstream of Westerly Creek Dam) Major Drainageway Plan Conceptual Design Report" dated July 2010 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 projects and in land development activities.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 35 on the Consent Agenda
 - c. **Acceptance of Cottonwood Creek Outfall Systems Planning Study (Resolution No. 36, Series of 2010)**
Resolution No.50, Series of 2007 authorized an Outfall System Planning Study for the lower Cottonwood Creek watershed, for which the District teamed up with the Southeast Metro Stormwater Authority to fund and complete the study. Resolution No.61, Series of 2009 authorized additional funding for the study in order to add Douglas County as a funding sponsor and to include conceptual design of improvements in the upper portion of the watershed.

Muller Engineering Company was selected by the District and SEMSWA to perform the study and has now completed the conceptual design report based on the engineer's recommendations as revised by the District, SEMSWA and Douglas County in the Selected Plan.

This resolution accepts the report titled "Cottonwood Creek Outfall Systems Plan Conceptual Design Report", dated August 2010 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 projects and in land development activities.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 36 on the Consent Agenda

d. Authorization for a Planning Study of Lower East Toll Gate Creek (Resolution No. 37, Series of 2010)

The District is currently working with the City of Aurora and SEMSWA on a planning study leading to a major drainageway plan and a FHAD for the portion of East Toll Gate Creek upstream of Hampden Avenue. The City of Aurora would now like to enter into an agreement to study the lower portion of the watershed, from Hampden Avenue to the confluence with Sand Creek.

East Toll Gate Creek flows through the Buckley Air Force Base for approximately two miles. Buckley has experienced flooding issues along the drainageway and contacted the District for assistance. Buckley has agreed to participate financially in the master plan in order to develop alternatives through the AFB reach.

In 2006, the hydrology for the entire Toll Gate Creek watershed was updated in a study sponsored by the District and the City of Aurora. This current study will utilize the results of the previous hydrology study to produce a major drainageway plan and FHAD for the portion of East Toll Gate Creek downstream of Hampden Avenue. The City of Aurora anticipates considerable development to occur within the watershed and the need to have a master plan in place so that they can begin planning capital improvements such as channel stabilization, roadway crossings, and stormwater detention ponds. This study will enable the local sponsors to hold developers responsible for the development share of coordinated improvements that will reduce flooding, improve drainage, and enhance stormwater quality.

The total master planning costs are projected to be \$236,000 with the local sponsors contributing \$118,000. This resolution authorizes the expenditure of the District's share not to exceed \$118,000 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. 37 on the Consent Agenda

e. Authorization to participate in Drainage and Flood Control Improvements on East Toll Gate Creek at Signature Park in the City of Aurora, Arapahoe County (Resolution No. 38, Series of 2010)

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 East Toll Gate Creek at Signature Park in accordance with the "Upper Toll Gate Creek Basin" dated August, 1990. The project includes grade control and bank protection improvements to the East Toll Gate Creek including Signature Park. The City of Aurora owns Signature Park where the project will be carried out; and additional easement and right-of-way acquisition needed for drainage improvements outside of the park will be included in the project costs.

The District or 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 \$300,000 in initial project costs for the design, right-of-way acquisition, and partial funding of construction with the District's participation being \$150,000 in 2010 funds. Construction is anticipated in 2011.

This resolution authorizes \$150,000 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. 38 on the Consent Agenda

f. Authorization to Participate in Drainage and Flood Control Improvements on Boulder Creek at 109th Street, in Boulder County (Resolution No. 39, Series of 2010)

This is a joint project with Boulder County. Boulder County desires to design, acquire right-of-way, and construct improvements along Boulder Creek at 109th Street. This portion of the drainageway has not been master planned, but is experiencing scour. The project includes grade control and other improvements to the drainageway at the 109th Street bridge to alleviate the scour and protect from future erosion.

Boulder County already holds the necessary easements and right-of-way where the project will be carried out. The District will be administering the design once a consulting engineering firm is selected. The District and Boulder County have identified \$100,000 in initial project costs for the design, right-of-way acquisition, and partial funding of construction with the District's participation being \$50,000 in 2010 funds. Construction is anticipated in 2011.

This resolution authorizes \$50,000 of District funds from the Special Revenue Fund - Construction to at least be matched by Boulder County for the design, acquisition of right-of-way, and construction of the drainage elements of the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 39 on the Consent Agenda

g. Authorization to Participate in Drainage and Flood Control Improvements on Wonderland Creek from Iris Avenue to Foothills Parkway in the City of Boulder, Boulder County (Resolution No. 40, Series of 2010)

This is a joint project with the City of Boulder. The City of Boulder desires to design, acquire right-of-way, and construct improvements along Wonderland Creek from Iris to Foothills in accordance with the "Fourmile Canyon Creek and Wonderland Creek Major Drainageway Planning Phase A Report Alternatives Analysis" dated May 2007. The project includes purchase of a property and demolition of the house so that it can be removed from the floodplain; improvements to eliminate the overtopping at Iris Avenue, and separation of flows from Wonderland Creek along the Boulder White Rock Ditch at Foothills Parkway. Easement and right-of-way acquisition will be included in the project costs.

The City of Boulder is administering the conceptual design with Ayres Associates, as well as construction. The District and the City of Boulder have identified \$651,953 in initial project costs for easement acquisition with the District's participation being \$325,976 in 2010 funds. Construction is anticipated in 2012.

This resolution authorizes \$325,976 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Boulder for the acquisition of right-of-way for the drainage elements of the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 40 on the Consent Agenda

h. Additional Authorization to Participate in Drainage and Flood Control Improvements on Drainageway No. 2 in the City of Lafayette and Boulder County (Resolution No. 41, Series of 2010)

This is a joint project with the City of Lafayette and Boulder County. McLaughlin Water Engineers designed the project under contract with the District. The drainage elements of the project include installation of an improved culvert crossing at 111th Street, a new pedestrian bridge adjacent to Finch Avenue, and an improved low water crossing through an area of existing wetlands. Construction of the low water crossing and pedestrian bridge is complete, and the 111th Street improvements have been designed with construction waiting on right-of-way issues. Further study of the downstream reach to Coal Creek is also being done to determine necessary downstream improvements to alleviate local flooding that has recently occurred.

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

The District and the City of Lafayette and Boulder County have identified \$ 1,512,500 in total project costs with the District's participation being \$750,000. The previous authorizations, Resolution No. 45, Series of 2006, Resolution No. 33, Series of 2008, and Resolution No. 49, Series of 2009 totaled \$1,200,000 to fund design and construction.

This resolution authorizes an additional \$150,000 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. 41 on the Consent Agenda

i. Additional Authorization to Participate in Drainage and Flood Control Improvements on Drainageway G Upstream of Highway 287 in the City of Lafayette, Boulder County (Resolution No. 42, Series of 2010)

This is a joint project with the City of Lafayette. Ayres Associates designed the project under contract with the District. The drainage elements of the project include installation of two grouted boulder drop structures, maintenance access improvements, and a pedestrian bridge. The City of Lafayette already holds the necessary easements and right-of-way where the project will be carried out.

Ayres Associates is proceeding with final design and the District and the City of Lafayette desire to construct the improvements which will be managed by the District.

The District and the City of Lafayette have identified \$350,000 in total project costs with the District's participation being \$175,000. The previous authorization, Resolution No. 18, Series of 2009 totaled \$200,000 to fund design and to partially fund construction.

This resolution authorizes an additional \$75,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Lafayette for the design, acquisition of right-of-way, and construction of the drainage elements of the project.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 42 on the Consent Agenda

j. Additional Authorization to Participate in Drainage and Flood Control Improvements on Little Dry Creek from Lowell Boulevard to Federal Boulevard, Adams County (Resolution No. 43, Series of 2010)

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 project includes installation of drainage and flood control improvements and water quality enhancements along Little Dry Creek to support future construction of a new park and an adjacent FasTrak station.

Easement and right-of-way acquisition is included in the project costs. The Barnum Publishing building is being purchased so that it can be removed and relocated in support of the new drainage and flood control facilities and park improvements. Conceptual design is ongoing and the District, City of Westminster and Adams County desire to continue with final design.

The District, the City of Westminster, and Adams County have identified \$4,600,000 in total project costs with the District's participation being \$700,000. The previous authorizations, Resolution No. 54, Series of 2008, Resolution No. 20, Series of 2009, and Resolution No.12, Series of 2010, totaled \$500,000 to fund design and to partially fund acquisition of right-of-way and construction.

This resolution authorizes an additional \$200,000 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. 43 on the Consent Agenda

k. Additional Authorization to Participate in Drainage and Flood Control Improvements for North Outfall at Midland Street in the City of Brighton, Adams County (Resolution No. 44, Series of 2010)

This is a joint project with the City of Brighton. ICON Engineering, Inc. designed the project under contract with the District. The drainage elements of the project include installation of new storm sewer up to 84 inches in diameter and excavation of a new outfall channel to the South Platte River. Easement and right-of-way acquisition is included in the project costs.

The final design is now complete and the District and the City of Brighton desire to construct the improvements which will be managed by the District. The District and the City of Brighton have identified \$2,285,000 in total project costs with the District's participation being \$600,000. The previous authorizations, Resolution No. 4, Series of 2006 and Resolution No. 25 Series of 2008, totaled \$2,000,000 to fund design and to partially fund acquisition of right-of-way and construction.

This resolution authorizes an additional \$200,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Brighton 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. 44 on the Consent Agenda

l. Additional Authorization to Participate in Drainage and Flood Control Improvements on Marcy Gulch, Upstream of Confluence with the South Platte River, Douglas County (Resolution No. 45, Series of 2010)

This is a joint project with Douglas County, the City of Littleton, the Centennial Water and Sanitation District, Colorado Water Conservation Board, South Suburban Parks and Recreation, Colorado State Parks and Highlands Ranch Metropolitan District (local partners).

Muller Engineering will design the project under contract with the District. The drainage elements of the project include installation of a pedestrian/maintenance bridge and grade control structures on the upstream and downstream sides of the bridge.

The District and local partners have identified \$420,000 in total project costs with the District's participation being \$210,000. The previous authorizations, Resolution No.21, Series of 2010, totaled \$150,000 to fund design and to partially fund construction.

This resolution authorizes an additional \$60,000 of District funds from the Special Revenue Fund – South Platte River to at least be matched by local partners 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.45 on the Consent Agenda

m. Opposition to Proposition 101 and Amendments 60 and 61 (Resolution No. 46, Series of 2010)

Paul Hindman commented that this resolution was brought back to the Board at their request to add Amendment 61. At the last meeting there was a discussion to include Amendment 61 in the resolution so there would be no misunderstanding that by its omission the District was not supporting the amendment. Once the resolution is approved it will be posted on the District's website.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 46 on the Consent Agenda

6. Vote on Approval of the Consent Agenda

It was the consensus of the Board that Resolutions No. 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, and 46, Series of 2010, and Cash Disbursements for June and July 2010 be placed on the Consent Agenda. Mayor Pro Tem Weidmann moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

7. Reports/Discussion

a. Five Year Capital Improvement Program (2010-2014) and 2011 Maintenance Work Program

Mr. Hindman informed the Board that requests for updates to the current Five Year Capital Improvement Program and requests for Maintenance assistance for the 2011 calendar year will be sent out to local governments within the next few weeks. Should the Board have any projects they would like to see funded, they should contact their local staff.

b. Executive Director's Report

8. New Business

Appointment of Personnel Committee

Chairperson McNally stated that it was time to appoint a Personnel Committee to meet with the HR consultant from MSEC to discuss recommendations from the annual salary survey. Last year Kathy Novak, Bob Hoffmaster and Dave Sellards were appointed to the committee. Mr. Hoffmaster, Dave Sellards and Bob Murphy agreed to serve on the committee this year.

9. Announcements

Chairperson McNally reminded the Board that the next scheduled meeting will be held on September 16, 2010.

10. Adjournment

Chairperson McNally adjourned the meeting at 1:43 p.m.