



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

March 18, 2010

MINUTES

Members Present:

Bob Broom	Mayor Pro Tem, City of Aurora
Joyce Downing	Mayor, City of Northglenn
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
Paul Lopez	Council Member, City and County of Denver
Nancy McNally	Mayor, City of Westminster
Andrew Muckle	Mayor, Town of Superior
Jill Repella	Commissioner, Douglas County
Dave Sellards	Engineer
Nancy Sharpe	Mayor, City of Greenwood Village
Walt Spader	Mayor Pro Tem, City and County of Broomfield
Guillermo (Bill) Vidal	Deputy Mayor, City and County of Denver
Ron Weidmann	Mayor Pro Tem, City of Centennial

Members Absent:

Susan Beckman	Commissioner, Arapahoe County
Jerry DiTullio	Mayor, City of Wheat Ridge
Cindy Domenico	Commissioner, Boulder County
Bob Murphy	Mayor, City of Lakewood
Alice Nichol	Commissioner, Adams County

UDFCD Staff Present:

Paul Hindman	Executive Director
Ed Krisor	Legal Counsel
Mark Hunter	Manager, Design, Construction, and Maintenance
Ken MacKenzie	Manager, Master Planning
Kevin Stewart	Manager, Information Services and Flood Warning
Dave Bennetts	Assistant Manager, Design, Construction, and Maintenance
Richard Borchardt	Senior Project Engineer, Design, Construction, and Maintenance
Bryan Kohlenberg	Senior Project Engineer, Design, Construction, and Maintenance
Laura Kroeger	Senior Project Engineer, Design, Construction, and Maintenance
David Mallory	Senior Project Engineer, Floodplain Management
Shea Thomas	Senior Project Engineer, Master Planning
Terri Fead	Project Engineer, Floodplain Management
Holly Piza	Project Engineer, Master Planning
Mike Sarmiento	Senior Construction Manager, Design, Construction, and Maintenance
Julia Bailey	Information Services Engineer, Information Services and Flood Warning
Darla Reeves	Accountant, Finance and Accounting
Sandra Gonzalez	Administrative Services Manager

Others Present

Dean Jones, Johnson, Holscher & Company, P.C.
Keith Reester, APWA
Kurt Munding, Design Concepts
Janice Smothers, City of Wheat Ridge, representing Mayor DiTullio

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**
Ed Krisor, Legal Counsel, administered the Oath of Office to Mayor Pro Tem Ron Weidmann, representing the City of Centennial, and Paul Lopez, Council Member, representing the City and County of Denver.
 - b. **Visitors/Guests**
Paul Hindman introduced Julia Bailey, who joins the District as the newest member of the Information Services and Flood Warning Program
 - c. **Awards/Recognition**
Keith Reester, APWA presented an award to the District for Utah Park and Lena Gulch.

Paul Hindman noted that the accounting staff once again received the Certificate of Achievement for Excellence in Financial Reporting for the District's Comprehensive Annual Financial Report for Fiscal Year Ended December 31, 2008.

The International Erosion Control Association presented Mark Hunter with the 2009 Sustained Contributor Award, honoring him as an "individual who has demonstrated a significant and long term contribution to the Erosion and Sediment Control Profession through education, government involvement, research or development of technology".

Paul Hindman recognized Mark Hunter upon his retirement later this month. Mark was thanked for 29 great years!
4. **Approval of February 1, 2010 Annual Meeting Minutes**
The minutes were approved as corrected to change the attendance list Mayor Dyer to Mayor Pro Tem Dyer.
5. **Presentation of 2009 Audit – Discussion**
Mr. Hindman stated that Dean Johnson, of Johnson, Holscher & Company, P.C. presented the 2009 audit at the annual Board meeting in February. A copy of the report was provided to all the Board members. Dean Johnson of Johnson, Holscher & Company, P.C. was present to answer questions from the Board.
6. **Consent Agenda**
 - a. **Review of Cash Disbursements**
Cash Disbursement list dated February and March 2010 was distributed to the Board for review.

There being no further comments or questions, it was the consensus of the Board to include approval of the Cash Disbursements on the Consent Agenda.
 - b. **Acceptance of 2009 Audit Report (Resolution No. 7 Series of 2010)**
This resolution was discussed under Item 5 above.

There being no further comments or questions, it was the consensus of the Board to place Resolution No. 7 on the Consent Agenda.
 - c. **Flood Awareness (Resolution No. 8, Series of 2010)**
This is an annual resolution that recognizes that the flood season (April 15 – September 15) is approaching. The intent is to remind citizens, local governments and media that

we are entering the annual flood season. It recommends self help actions that all citizens can take to deal with flood hazards; that people investigate the possibility of flooding where they live or work; recommends actions people can take if they live or work in a floodplain; and recommends that local governments meet with their local emergency preparedness units to discuss what actions to take in the event of a flood.

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

d. Additional Authorization to Participate in Drainage and Flood Control Improvements on the 40th Street Outfall in the City and County of Denver (Resolution No. 9, Series of 2010)

This is a joint project with the City and County of Denver. WHPacific is currently under contract with the District to design, acquire right-of-way, and construct improvements along 40th Street Outfall. The project includes more than doubling the existing outfall capacity by adding a substantially larger box culvert. This work will be closely coordinated with Fastracks design through the area.

Easement and right-of-way acquisition will be included in the project costs. The initial authorization for this project in 2009 was intended to get the design underway. This additional authorization will initiate funding for construction which will be managed by the City and County of Denver.

The District and the City and County of Denver have identified \$14,306,000 in total project costs with the District's current participation being \$4,245,000. The previous authorization, Resolution No. 39, Series of 2009 totaled \$245,000 to fund design and to partially fund acquisition of right-of-way and construction.

Resolution No. 9 authorizes an additional \$4,000,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City and County of Denver for the design, acquisition of right-of-way, and construction of the drainage elements of the project.

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

e. Additional Authorization to Participate in Drainage and Flood Control Improvements on Elmer's Two Mile Creek in the City of Boulder (Resolution No. 10, Series of 2010)

This is a joint project with the City of Boulder. Centennial Engineers/WHPacific designed the project under contract with the City of Boulder. The drainage elements of the project include installation of a wetland channel and a concrete box culvert. This multi-purpose project includes construction of a major drainage and pedestrian crossing under Valmont Road by the Colorado Department of Transportation.

The City of Boulder currently holds the necessary easements and right-of-way where the project is being built. Boulder is managing the construction. As construction has progressed, it has been determined that additional District funding for the drainage components is justified while still keeping the District's participation to no more than 50%.

The District and the City of Boulder have identified more than \$4,600,000 in total project costs with the District's participation being \$2,300,000. The previous authorizations, Resolution No. 57, Series of 2009, Resolution No. 20, Series of 2008, Resolution No. 38, Series of 2007, and Resolution No. 100 Series of 2004, totaled \$1,800,000 to fund design, acquisition of right-of-way, and construction.

Resolution No. 10 authorizes an additional \$500,000 of District funds from the Special Revenue Fund – Construction to at least be matched by the City of Boulder for the

design, acquisition of right-of-way, and construction of the drainage elements of the project.

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

f. Additional Authorization to Participate in Drainage and Flood Control Improvements on Irondale Gulch, Dahlia Outfall, Phase 4 in Adams County (Resolution No. 11, Series of 2010)

This is a joint project with Adams County. Icon Engineering is designing the project under contract with the District. The drainage elements of this phase of the project include installation of about one mile of 48-inch to 84-inch storm sewer pipe from the Dahlia detention pond upstream to connect to an existing storm sewer collection system.

Easement and right-of-way acquisition is included in the project costs. The final design is now 95% complete and the District and Adams County desire to construct the improvements which will be managed by the District with regular on-site presence by Adams County.

The District and Adams County have identified \$9,453,928 in total project costs with the District's participation being \$475,000. The previous authorization, Resolution No. 35, Series of 2006, did not include financial participation by the District, but did authorize the Executive Director to enter into agreements with Adams County, consultants, and contractors in order to manage the design and construction of the project.

Resolution No. 11 authorizes \$475,000 of District funds from the Special Revenue Fund - Construction to at least be matched by 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. 11 on the Consent Agenda.

g. Additional Authorization to Participate in Drainage and Flood Control Improvements on Little Dry Creek from Lowell to Federal Boulevard (Resolution No. 12, Series of 2010)

This is a joint project with the City of Westminster and Adams County. Muller Engineering Company has begun designing the project under contract with the District. The drainage elements of the project consist of installation of open channel improvements including a proposed retention pond that will have detention capacity. The work will be in coordination with a recent parks master plan for this reach of Little Dry Creek. Construction is anticipated in 2012-2013.

The City of Westminster and Adams County already hold some of the necessary easements and right-of-way but this project will include acquisition of remaining parcels of land. Upon completion of the design and when the parties desire to construct the improvements, the District will manage the work. This additional authorization will begin to put in place funding for construction.

The District, the City of Westminster, and Adams County have identified \$4,600,000 in total project costs with the District's current participation being \$500,000. The previous authorizations, Resolution No. 54, Series of 2008 and Resolution No. 20 Series of 2009, totaled \$300,000 to fund design and to partially fund acquisition of right-of-way and construction.

Resolution No. 12 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. 12 on the Consent Agenda.

h. Additional Authorization to Participate in Drainage and Flood Control Improvements on North Sanderson Gulch, Downstream of Pierce Street (Resolution No. 13, Series of 2010)

This is a joint project with the City of Lakewood. Muller Engineering Company designed the project for the City of Lakewood and the District. The project included open channel stabilization, drop structure construction, and access trail improvements. The work also included modifying an existing non-detention pond which, in turn, is expected to remove five properties from the floodplain. As part of the process to develop a letter of map revision (LOMR) it was determined that re-constructing two other drop structures will remove additional properties from the mapped floodplain.

The City of Lakewood already holds the necessary easements and right-of-way where the project will be carried out. The District is managing the initial construction of the project and will also manage the additional channel and drop structure work. The District and the City of Lakewood have identified \$650,000 in total project costs with the District's participation being \$325,000. The previous authorization, Resolution No. 86, Series of 2008, totaled \$200,000 to fund design and construction.

Resolution No. 13 authorizes an additional \$125,000 of District funds from the Special Revenue Fund - Construction to at least be matched by the City of Lakewood 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. 13 on the Consent Agenda.

i. Authorization to Participate in Acquisition of the Murray Property on Big Dry Creek, City of Englewood (Resolution No. 14, Series of 2010)

The acquisition of this property is in coordination with the City of Englewood and the Trust for Public Land. The property is located along Big Dry Creek just upstream of the South Platte River on the west side of Santa Fe Drive between Union Avenue and Belleview Avenue.

The parcel is about 2.2 acres in size. Big Dry Creek flows along the north side of this parcel resulting in 34% of the land being within the 100-year floodplain. The full parcel was appraised in December, 2009 at \$780,000. The City of Englewood has requested District participation in the purchase and preservation of this portion of the Big Dry Creek floodplain. The floodplain within the Murray parcel will be left in its undeveloped condition. The District's participation would be \$50,000 which is in line with Board policy for land that will be left in its natural state.

Resolution No. 14 authorizes \$50,000 of Special Revenue Fund--Maintenance funds for participation in the acquisition of the Murray parcel. Resolution No. 14 also authorizes the Executive Director to execute the necessary documents with the City of Englewood and the Trust for Public Land for the acquisition of the Murray parcel.

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

j. Authorization to Assist the City of Louisville to Update its Storm Drainage Design and Technical Criteria (Resolution No. 15, Series of 2010)

The District assisted the City of Louisville with the development of their Storm Drainage Design and Technical Criteria Manual in 1982. The City now desires to update the Manual to incorporate current trends and technology in stormwater management and particularly to include the subject of stormwater quality. The District and the City will work together to select an engineering consultant to re-write the Manual. The total study costs are projected to be \$60,000 with a local sponsor contribution of \$30,000 and the District contributing \$30,000. This resolution asks the Board to authorize the

expenditure of the District's share not to exceed \$30,000 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. 15 on the Consent Agenda.

k. Acceptance of Willow Creek, Little Dry Creek and Greenwood Gulch Outfall Systems Planning Study (Resolution No. 16, Series of 2010)

Resolution No. 51, Series of 2007 authorized an Outfall System Planning Study for the Willow Creek, Little Dry Creek and Greenwood Gulch watersheds upstream of Holly Street. The District teamed up with the following sponsors to fund the study: the City of Lone Tree, the Southeast Metro Stormwater Authority, the City of Greenwood Village, Douglas County and the South Suburban Parks and Recreation District.

CH2M Hill was selected by the District and sponsors to perform the study and has now completed the Planning Report for this study based on the engineer's recommendations as revised by the District and sponsors.

This resolution accepts the report titled "Willow Creek, Little Dry Creek and Greenwood Gulch Outfall Systems Planning Study Planning Report", dated February 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. 16 on the Consent Agenda.

7. Vote on Approval of the Consent Agenda

It was the consensus of the Board that Resolutions No. 7, 8, 9, 10, 11, 12, 13, 14, 15, and 16, Series of 2010, and Cash Disbursements for February and March 2010 be placed on the Consent Agenda. Mayor Sharpe moved to adopt the Consent Agenda. Upon a roll call vote the motion was passed unanimously.

8. Reports/Discussion

a. Executive Director's Report

The Executive Director's Monthly Report to the Board was distributed to the Board Members. Mr. Hindman gave a brief summary of his report.

9. Other Business

Deputy Mayor Vidal thanked the District and specifically Kevin Stewart for helping with the sewage spill into Third Creek on March 17th.

There was no other business to discuss.

10. New Business

a. Potential Board Meeting Conflicts for 2010 – CML, etc.

At this time there were no meeting conflicts identified for the remainder of the year.

11. Announcements

Chairperson McNally reminded the Board that the next scheduled meeting would be held on Thursday, April 15, 2010.

12. Adjournment

Chairperson McNally adjourned the meeting at 2:00 p.m.