



# Flood Control District of Maricopa County

## Flood Control Advisory Board

Meeting Minutes for April 22, 2015

### **Board Members Present:**

Robert Dewayne Justice, Chair, (Supervisorial District 4)  
Bob Larchick, Ex Officio Member/Salt River Project  
Ray Dovalina, Ex Officio Member/City of Phoenix  
Hemant Patel, Secretary, (Supervisorial District 3)  
Greg Monger, (Supervisorial District 2)

### **Board Members Absent:**

Richard Schaner (Supervisorial District 1)  
Melvin Martin (Supervisorial District 5)

### **Staff Members Present:**

William Wiley, Chief Engineer and General Manager  
Wayne Peck, MCAO Legal Counsel  
Heather Trasher, Management Analyst

### **Guests Present:**

Kelli Sertich, Floodplain Management & Services Division Manager  
Stephen Waters, Flood Warning Branch Manager  
Tom Reneckly, Dam Safety Branch Manager  
Burke Lokey, Project Manager

#### **1) CALL TO ORDER**

Chairman Justice called the meeting of the Flood Control Advisory Board (FCAB) to order at approximately 2:00 p.m. on Wednesday, April 22, 2015.

#### **2) PLEDGE OF ALLEGIANCE**

The assembly recited the Pledge of Allegiance.

#### **3) APPROVE THE MINUTES OF FEBRUARY 25, 2015**

The minutes were approved unanimously

#### **4) COMPREHENSIVE REPORT AND PROGRAM 2015**

Presented by Kelli Sertich, Floodplain Management & Division Manager

**STAFF RECOMMENDS THE FOLLOWING ACTION:** It is moved that the Flood Control Advisory Board endorse and recommend that the Board of Directors of the Flood Control District of Maricopa County adopt the Comprehensive Report and Program 2015.

The Comprehensive Report and Program gives a broad assessment of flood issues in the county and proposes long-range strategies for the District. The report is submitted to the BOD to adopt and schedule a public hearing and adopt the program. This 2015 update to the 2009 Comprehensive Plan captures the key elements required by state statute.

**ACTION:** The motion to endorse and recommend the 2015 Comprehensive Report and Program 2015 carried unanimously.

**5) ALERT TO ALERT2**

Presented by Stephen D. Waters, Flood Warning Branch Manager

**PURPOSE:** Information and discussion item only. No formal action is required.

ALERT2 is the new standard for transmitting information from ALERT stations. Developed by a working group of technical experts, vendors and users, it allows for faster throughput of data, a greater quantity of data, and error detection/correction at the receive site. ALERT2 transmissions carry with them the timestamp from a GPS clock at the site, so data timing is much more accurate. ALERT2 stations and repeaters also use these very accurate clocks to transmit in timeslots where no other stations are transmitting, eliminating the “data collision” problems with the existing older ALERT system. In addition, data can now be sent in engineering units, eliminating the need for conversion at the base station - making reception of data at non FCD base stations easier to understand and more useful.

**6) DAM SAFETY PROGRAM UPDATE**

Presented by Tom Reneckly, Dam Safety Branch Manager

**PURPOSE:** Information and discussion item only. No formal action is required.

The District manages 22 flood control dams, which provide flood protection for significant portions of Maricopa County. Most of these dams are federal flood control projects for which the District was the local sponsor. The District’s Dam Safety Program is made up of three major components: Recurrent Dam Safety Activities, Dam Rehabilitation and Structures Assessments and Repairs.

**7) LOMA VISTA CORRIDOR DRAINAGE IMPROVEMENTS UPDATE**

Presented by Burke Lokey, Project Manager

**PURPOSE:** Information and discussion item only. No formal action is required.

The Loma Vista Corridor Drainage Improvements project was prioritized in the FY15 CIPP. The project area is Alameda and Loma Vista Drives east of McClintock Drive. The area is characterized by residential properties (approximately 3.5 dwelling units per acre), and is north of

and adjacent to McClintock HS, one of five campuses in the Tempe Union High School District (TUHSD). Flood flows collect and pond at Alameda and Loma Vista east of McClintock, causing flooding to some 21 homes. Although there is a storm drain in Alameda, it does not have the capacity to alleviate the expected flooding.

The proposed project provides flood mitigation by constructing new storm drains to capture and convey flood flows to an expanded retention basin on the McClintock HS property. The CIPP recommendation was conditioned upon developing a satisfactory outfall for the basin. As proposed the basin is too deep to drain into the existing storm drain in Alameda. One approach to meeting this condition would be to develop low impact design (LID) techniques to reduce the amount of runoff reaching the problem site. These techniques could include linear bio-infiltration along the streets, rain gardens on individual lots, collection of roof drainage in rain barrels and cisterns on residential lots, and larger scale rainwater harvesting on the McClintock HS campus to supplement their turf irrigation requirements.

**8) COMMENTS FROM THE CHIEF ENGINEER AND GENERAL MANAGER**

Presented by William D. Wiley, P.E., Chief Engineer and General Manager.

PURPOSE: Information and discussion item only. No formal action is required.

Mr. Wiley updated the Board on federal regulatory issues of concern and their potential impacts on the District. He also discussed current issues facing the District.

**9) SUMMARY OF RECENT ACTIONS BY THE BOARD OF DIRECTORS**

Presented by William Wiley, P.E., Chief Engineer and General Manager

PURPOSE: Information and discussion item only. No formal action is required.

There were actions at the following Board of Directors formal meetings:

- March 11, 2015
- March 25, 2015
- April 08, 2015

**10) OTHER BUSINESS AND COMMENTS FROM THE PUBLIC**

PURPOSE: Information and discussion item only. No formal action is required.

There were no comments from the public.

The meeting adjourned at approximately 3:45 p.m.