



# Flood Control District of Maricopa County

## Flood Control Advisory Board

**Meeting Minutes April 25, 2018**

**Board Members Present:** Gregg Monger, Chairman; Richard Schaner, Bob Larchick, Ray Dovalina

**Staff Members Present:** Michael Fulton, Director; Wayne Peck, General Counsel; Chris Hall, Deputy Director; Patti Thoemke, Clerk of the Board

**1) CALL TO ORDER**

Chairman Monger called the meeting of the Flood Control Advisory Board (FCAB) to order at 2:03 p.m. on Wednesday, April 25, 2018.

**2) PLEDGE OF ALLEGIANCE**

The Pledge of Allegiance was recited.

**3) APPROVE THE MINUTES OF February 28, 2018**

**ACTION:** It was moved by Mr. Larchick and seconded by Mr. Schaner to approve the minutes as submitted. The motion carried unanimously, and the minutes were approved.

After consideration of the vote, the Chairman remarked that Mr. Schaner's seconding the approval of the February 28, 2018, meeting minutes would need to be substituted for a second from Mr. Dovalina since Mr. Schaner was not at the February meeting. The request was granted, and Mr. Dovalina seconded the motion for approval of the minutes.

**4) INTRODUCTION OF THE NEW FLOOD CONTROL DIRECTOR, MR. MICHAEL FULTON**

**PURPOSE:** Information item only. No formal action required.

Presented by Deputy Director Chris Hall.

Director, Michael Fulton, introduced himself, provided his extensive work history, his education. He further described the separation of the chief engineer duties which are now assigned to. Scott Vogel, Chief Engineer Floodplain Administrator. Mr. Fulton stated he and Mr. Vogel would work together, but the chief engineer has certain duties reserved

under law mostly enforcement and permit related that Scott would be doing. Mr. Fulton noted the current strength of the District due to this board and the Board of Directors.

**5) ACTION ITEM - LOWER INDIAN BEND WASH AREA DRAINAGE MASTER STUDY PLAN, RESOLUTION FCD 2018R007**

Presented by Afshin Ahouraiyan, Project Manager

Mr. Ahouraiyan covered the background of the study area, which includes four different jurisdictions: Cities of Scottsdale, Tempe, Phoenix, and Town of Paradise Valley. These study area is fully urbanized and there are known existing flooding issues in this watershed. The purpose of the study was to come identify the drainage issues and propose a drainage master plan to address the problems. Flooding photos of the study area were shown from the 2013 storm.

A handout was provided to each of the advisory members which covered the entire study and what was presented.

Mr. Ahouraiyan further advised the board that the solutions addresses only a 10-year storm event because of the cost. The 100 year solution was not going to be prudent or cost effective for the study. These solutions address more of the frequent flooding issues and provides regional protection for neighborhoods that currently have no protection.

Mr. Larchick inquired what the benefit side looked like in terms of mitigation of property damage versus cost benefit. Mr. Ahouraiyan responded that there were not a lot of details of what the cost benefits were. A rough analysis was done to determine the number of homes that have the potential to get flooded. New systems have to be built because the existing systems cannot be tapped into, which is why the costs are high. Further analysis can be done to ensure the costs are reflective and the benefits are known.

Mr. Dovalina asked if there had been any comments or issues about those areas in the City of Phoenix. Mr. Ahouraiyan responded there was only one where there was a single call from a neighborhood when a small project was being done by the City in that area. There were not a lot of complaints or input during the outreach with the City of Phoenix residents.

Mr. Schaner asked if all of these are put in place, would there be any impact on the 100-year water surface of Indian Bend Wash. Mr. Ahouraiyan responded that at the beginning of the study the flows in Indian Bend Wash was to be looked at as part of this study. This was originally as part of the study to ensure Indian Bend has enough capacity to receive all of the flows. However, since there are two other watersheds to the NE and NW of this study area that also contribute to the flows in Indian Bend Wash, it was deemed not appropriate to look at this right now.

A member of the audience, Mr. Ashley Couch, the Drainage and Flood Control Program Manager and Flood Plain Administrator for the City of Scottsdale elaborated about the collaborative effort between the U.S. Army Corps of Engineers, the Flood Control District of Maricopa County, and the City of Scottsdale back in the '70s and '80s when Indian Bend Wash was constructed. Because of the hydrology flows used for the design of the Indian Bend Wash at that time, the capacity to handle the 100-year flows should exist and the City of Scottsdale is very supportive of the projects proposed from this study.

Mr. Monger inquired about what opportunities for reuse, recharge, or storage had been looked at above and beyond a 10-year cycle to accelerate the water management. Mr. Ahouraiyan responded that because the area is well developed there are not a lot of opportunities for creating basins for retention purposes. What this study looked at were mainly the drainage problems and appropriate solutions for them. These are ideas that could be looked at during the design phase if the stakeholders are interested.

**STAFF RECOMMENDS THE FOLLOWING ACTION:** The Advisory Board endorse and recommend that the Board of Directors adopt Resolution FCD 2018R007 for Lower Indian Bend Wash Area Drainage Master Study/Plan.

**ACTION:** Mr. Dovalina moved for adoption of the resolution and it was seconded by Mr. Schaner. The motion carried unanimously.

## **6) COMMENTS FROM THE DEPUTY DIRECTOR**

Presented by Chris Hall, Acting Deputy Director

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

Bill Wiley is on contract through the end of May to continue the process of succession. Mr. Vogel will be taking over as chief engineer and general manager, and will maintain his current role as the Engineering Division Manager.

On March 30 the Chairman joined with municipal and tribal leaders to sign a letter of intent to rehabilitate and restore the stretch of waterway identified in the Rio Reimagined Project, Senator McCain's Legacy Project. The workgroups are being facilitated by ASU. The District will be a project partner because we have extensive experience in the area and, so will be contributing as appropriate, but will not be acting as a lead on these projects.

The District recently was awarded three prestigious awards for the White Tanks Number 4 FRS Project: the 2018 Build Arizona Award; the 2018 Marvin M. Black Partnering Excellence Award from Associated General Contractors; and the American Public Works Association's Arizona Chapter Project of the Year for projects between 5 and 25 million dollars. That will be submitted to the national level for consideration there.

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

Presented by Chris Hall, Acting Deputy Director

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

There were four Board meetings since our last meeting. The first two meetings did not have a lot of action relating to the flood control district. The meeting held on March 7th where the resolutions for the Laveen Area Drainage Master Study and Plan Updates was adopted. On April 11th, an agreement with the Corps of Engineers to expedite 408 permitting evaluations was approved. The District was authorized to seek bids and award a contract for White Tanks Number 4 Outlet Facility. Two ground water initiatives were adopted. The Rawhide Wash Flood Hazard Mitigation Project was approved; and lastly, the District was also approved to purchase some excess ADOT property near I-17 and Skunk Creek that will give some ability to have storage in that part of the county.

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

Rebecca Timmer from Dibble Engineering noted that Arizona Upstate Flood Plain Managers national conference is coming to Arizona in June. It is their 42nd Annual National Conference and will be held at the Phoenix Convention Center from June 17 to 21. The theme of the conference is: Managing Floods Where the Mountains Meet the Desert. They are anticipating 1,200 attendees; there will be 120 speakers. Ms. Timmer reviewed the outline of the schedule for the week. There are 60 volunteer slots that are left to be filled. Mr. Monger inquired as to what the volunteers were need to do. Ms. Timmer cited examples of some of the volunteer opportunities.

There were no additional comments by members of the public.

Mr. Schaner moved that the meeting dismiss. Mr. Larchick seconded the motion, and the motion carried unanimously. The meeting adjourned at 2:45 p.m.