



Flood Control District of Maricopa County

Flood Control Advisory Board

Meeting Minutes August 26, 2020

Board Members Present: DeWayne Justice, Chairman; Richard Schaner, Vice Chairman; Hemant Patel, Ray Dovalina and Kyle Tilghman

Staff Members Present: Michael Fulton, Director; Angie Flick, Chief Administrator; Wayne Peck, General Counsel; Kristine Rabe; Clerk of the Board

1) **CALL TO ORDER**

Chairman Justice called the meeting of the Flood Control Advisory Board (FCAB) to order at 2:04 p.m. on Wednesday, August 26, 2020.

2) **APPROVE THE MINUTES OF APRIL 22, 2020 MEETING**

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

3) **ACTION ITEM - PINNACLE PEAK AND 67TH AVENUE DRAINAGE IMPROVEMENTS, IGA FCD 2020A013**

Presented by Frank Hakari, P.E., Project Manager

Mr. Hakari shared a map of the project area for the Pinnacle Peak and 67th Avenue drainage improvement within the City of Peoria. He then outlined the Intergovernmental Agreement (IGA) provisions. The IGA includes design, right-of-way acquisition, and utility relocations. Project partners are the Flood Control District and City of Peoria and cost share is 50%/50%. The City of Peoria will take the lead for design, utility relocation, and right-of-way acquisition.

Mr. Hakari went on to share some background information on the project. The project was identified in the Glendale/Peoria Area Drainage Master Plan (ADMP) updated in 2002. The project is bounded by Pinnacle Peak (S), Happy Valley Road (N), 67th Avenue (E), and New River (W). The project will construct a regional storm drainage system including storm drains, box culverts, inlets/outlets structures, channels, and basin improvements. In total, the estimated costs related to the IGA are approximately \$5.3 million. Design is \$1.8 million, utility relocation is \$1.2 million and right-of-way acquisition is \$2.3 million.

The benefits of the project include minimizing residential and business flooding risks as well as minimizing historic offsite drainage flows from Hatfield Road and 67th Avenue. The project will also eliminate two large low flow water crossings along 67th Avenue and provide storm water protection to the residents.

The Board had no questions for Mr. Hakari.

STAFF RECOMMENDS THE FOLLOWING ACTION: It is moved that the Flood Control Advisory Board endorses and recommends that the Board of Directors of the Flood Control District of Maricopa County approve Intergovernmental Agreement FCD2020A013 for the Pinnacle Peak and 67th Avenue Drainage improvements.

ACTION: Mr. Patel moved the recommendation for adoption by the Board of Directors and it was seconded by Mr. Schaner. The motion carried unanimously.

4) ACTION ITEM - PARADISE RIDGE DRAINAGE IMPROVEMENTS, RESOLUTION FCD 2020R003

Presented by Dan Frank, P.E., Project Manager

Mr. Frank provided background information on the Paradise Ridge Drainage Improvements. In 2016, the Pinnacle Peak Area Drainage Master Study (ADMS) was completed and concluded the following: Rawhide Wash had the largest flood hazard in the study area, there was an active alluvial fan; uncertain where break-outs will occur, flood insurance required, flow rate was approximately 9014 cfs, and a channel was necessary for control of the alluvial fan flooding.

In 2019, the Rawhide Wash Channelization Design Concept Report (DCR) was completed in August. Rawhide Wash improvements (east of Scottsdale Road) are underway and the next downstream segment is Paradise Ridge Channel.

Mr. Frank then went on to describe the location of the project. The project is located on state land within the City of Phoenix. It is east of Desert Ridge Marketplace, north of SR 101, west of Scottsdale Road, and south of Pinnacle Peak Road.

Mr. Frank then outlined the Intergovernmental Agreement (IGA) provisions. The City of Phoenix and the Flood Control District are project partners and the cost share is 50%/50%. The District will take the lead for design, utility relocations, and construction and the City of Phoenix will be responsible for the land acquisition. The City is working on an agreement with Arizona State Land Department (ASLD) to accomplish the land acquisition. The project partners intend to enter into an IGA for design, construction, construction management, land acquisition, and operation and maintenance.

In total, the estimated costs related to the IGA are approximately \$32 million. Construction cost is \$17.3 million, landscape is \$1.7 million, design, Construction Management and Administration is \$5.4 million and there is \$7.6 million for contingencies. There are many uncertainties around the alluvial fan which is why the contingency is a little high.

The benefits of the project include removing 1,700 acres from the floodplain as well as reducing mandatory insurance requirements in the area. The project will also reduce the need for construction of redundant infrastructure.

Mr. Frank then opened the floor for questions. Board member Kyle Tilghman asked if it was understood that the City of Phoenix was 100% responsible for land acquisition and if it would be clarified in the IGA. Mr. Frank replied that the City of Phoenix will, through the agreement with the ASLD, work out all of the land acquisition required for the project. Mr. Tilghman then asked if that was the reason that there was no cost for land noted on the estimated cost slide and Mr. Frank affirmed that was the reason.

Board member Mr. Patel commented that this project has been a long time in coming and he wanted to recognize everyone that had been working on the project and give kudos to all.

There were no further questions.

STAFF RECOMMENDS THE FOLLOWING ACTION: It is moved that the Flood Control Advisory Board endorses and recommends that the Board of Directors of the Flood Control District of Maricopa County adopt Resolution FCD 2020R003 for the Paradise Ridge Drainage Improvements.

ACTION: Mr. Patel moved for the recommendation adoption by the Board of Directors and it was seconded by Mr. Tilghman. The motion carried unanimously.

5) **COMMENTS FROM THE DIRECTOR**

Presented by Michael Fulton, Director

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

Mr. Fulton shared that the District sent out a FY 2022 partnership solicitation letter a couple of months ago asking cities to propose which projects the cities and the District could partner on, which includes Capital Improvement Projects, and delineations and studies that might help advance the planning of flood control projects at the city or regional scale. Mr. Fulton then shared a brief summary.

The District received 12 new capital improvement proposals from seven different entities. During the solicitation, cities that already had projects recommended and were on the capital improvement program list, were asked if they were still interested in those projects and if so when they thought they would be funded and ready to move forward. There were a few projects removed from the list. Most projects were in the range of two to five year to proceed which will feed into our long-term budgeting and forecasting.

Mr. Fulton further shared that the District received a number of requests for delineations and redelineations of floodplains and some planning studies that might help cities better refine their proposals for CIP down the road. Mr. Fulton felt that all in all the District had a good response and will present the feedback as at a future meeting as an information item.

Mr. Fulton mentioned that the District is working to finalize the Floodplain Management Plan for 2020. He went on to further explain that the plan is intended to help identify flood hazards and efforts that we can engage in with the community to resolve flood hazards in the unincorporated county. This is one of the plans that the District puts together for the National Flood Insurance Program Community Rating System. It is something for which we get credit and it is also important to understand what citizens think is the risk for floods in unincorporated county. Mr. Fulton stated that it will be brought to a future FCAB meeting as an action item. The draft final of the report is being reviewed now.

Nine project proposals from seven different cities were approved for the Small Projects Assistance Program (SPAP) for FY 2021, totaling approximately \$6.2 million dollars and the District share will be right around half of that. The IGA's for these projects are approved or are making their way through approval process. Mr. Fulton stated that the deadline is in October for the FY 2022 SPAP submittals.

6) SUMMARY OF RECENT ACTIONS BY THE BOARD OF DIRECTORS

Presented by Michael Fulton, Director

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

At the April 22, 2020, meeting the Board approved the Amendment to Authorization to Award Contract for Mandan Street Drainage Improvements. This Construction Contract will result in a drainage channel that will provide flood protection for seventeen homes along the west side of Mandan Street in the Ahwatukee Foothills area of southeast Phoenix.

At the May 6, 2020, meeting one of the items the Board approved was an Intergovernmental Agreement with Maricopa County Department of Transportation (MCDOT) for Sun City West Area Channel Crossings Project. The Flood Control District

and MCDOT will collaborate on mutually-beneficial, channel-area improvements in the Sun City West community.

At the June 24, 2020, meeting the Board approved Hidden Valley Basins Easement, Right-of-Way, and Relocation Assistance Documents. The District acquired property for the project.

At the July 22, 2020, meeting the Board approved five Intergovernmental Agreements (IGA) to move forward: IGA with the Town of Fountain Hills for the Golden Eagle Park Dam Debris Mitigation Improvements Project, IGA with the City of Litchfield Park for the Vista Verde Drive Drainage Improvements Project, IGA with the City of Mesa for the Palo Verde Drainage Improvements Project, IGA with the City of Mesa for the Val Vista at the Eastern Canal Drainage Improvements Project, and IGA with the City of Mesa for the Somerset Circle Drainage Improvements Project.

At the August 19, 2020, meeting the Board approved three more IGA's for SPAP: IGA with the City of Tempe for the Watson Drive and Bonarden Lane Project, IGA with the Town of Wickenburg for the Powder House Drainage Improvements, and IGA with the City of Glendale for the Royal Shadows Drainage Improvements Project.

Mr. Fulton mentioned that the last IGA for the SPAP should be approved next month for Cave Creek.

7) OTHER BUSINESS AND COMMENTS FROM THE PUBLIC

There were no comments by members of the public.

Chairman Justice stated that the meeting was adjourned. The meeting adjourned at 2:34 p.m.