

MINUTES
FLOOD CONTROL DISTRICT ADVISORY COMMITTEE/PUBLIC REVIEW
February 18, 2015

Committee Members Present: Paul Baughman, Ken Perry, David Pfordt, Ian Sharp, Linwood Smith, Mike Todnem, Justin Turner, Jim Vogelsberg, Mike Zeller

Flood Control District Staff Present: Suzanne Shields, Director; Eric Shepp, Deputy Director, Floodplain Administrator; Bill Zimmerman, Deputy Director; Andy Seiger, Civil Engineering Manager; Greg Saxe, Environmental Planning Manager; Tammy Jorde, Special Staff Assistant

Others Present: Carl Larson, Perry Engineering; Chuck Pedri, AECOM; Brett Rustand

The meeting was held at 97 E. Congress Street, Tucson, Arizona, 3rd Floor Conference Room.

APPROVAL OF MINUTES

The committee approved the January 21, 2014 minutes.

QUERY TO THE AUDIENCE

No business.

NEW BUSINESS

Technical Policy-012 – Methods to Estimate Maximum Anticipated Scour Depth including Optional Adjustment for Flood Duration – DRAFT

Andy Seiger reviewed an example project summary using the draft Tech Policy 012 (see attachments). Mr. Seiger requested the committee to provide comments, if any, prior to the next SAHBA meeting. The District will bring the policy back for discussion after SAHBA has had time to review and comment.

Technical Policy 030 – Construction, Maintenance & Repair of Unpaved Roads – DRAFT

Eric Shepp reviewed draft Tech Policy 030 (attached) with the committee. Mr. Shepp asked the committee to review and provide comments prior to next month's meeting.

CONTINUING BUSINESS

Regulatory Updates

Eric Shepp asked the committee to concur/approve Chapter 6 of the Retention/Detention Manual. The committee voted to concur/approve.

Suzanne Shields District is currently reviewing the following:

1. Executive Order 13690 which amends Executive Order 11988 – DRAFT

Overview

The EO is an amendment to EO 11988 (the critical facilities executive order). It requires federal agencies to use a [Federal Flood Risk Management Standard](#) (FFRMS) approach for projects in (or near) a federally mapped floodplain. At this time the EO impacts other Federal agencies and not local floodplain management regulations. Then EO also combines other Executive Orders such

as Protection of Wetlands (EO 11990), Protection and Enhancement of Environmental Quality (EO 11514), Preparing the United States for the Impacts of Climate Change (EO13653). All federal agencies will have one year to develop protocol and guidance as to how to comply with the executive order.

Federal Actions

The EO would impact Action and Critical Action defined as:

- Action: Any federal activity including (1) acquiring, managing, and disposing of Federal lands and facilities; (2) providing Federally undertaken, financed, or assisted construction and improvements; and (3) conducting Federal activities and programs affecting land use, including but not limited to water and related land resources planning, regulating and licensing activities”
- Critical Action: Any activity for which even a slight chance of flooding would be too great.

Trigger

The trigger is if the action is in or close to a federally mapped floodplain. If the project is close to a floodplain, additional elevations are to be taken to assess if the 2 or 3-foot freeboard requirement is met.

Requirements for Federal Agencies

Unless the federal agency is granted an exemption, the EO would require the agency to assess:

- The elevation and flood hazard area that result from using a climate- informed science approach that uses the best-available, actionable hydrologic and hydraulic data and methods that integrate current and future changes in flooding based on climate science. This approach will also include an emphasis on whether the action is a critical action as one of the factors to be considered when conducting the analysis; or
- The elevation and flood hazard area that result from using the freeboard value, reached by adding an additional 2 feet to the base flood elevation for non-critical actions and from adding an additional 3 feet to the base flood elevation for critical actions; or
- The area subject to flooding by the a 0.2 percent annual chance flood; or
- The elevation and flood hazard area that results from using any other method identified in an update to the Federal Flood Risk Management Standard.

The assessment of the proposed project must include a green alternative. The use of fill to elevate an area out of the floodplain is discouraged in the draft guidance. Structures, not land, are to be elevated. In some situations they may be flood proofed.

The EO will require more public comment periods with the proposed project.

Impacts to Pima County

Because this is an EO meant to direct federal agencies, at this time I do not see this EO creating additional requirements for floodplain management practices. This EO does not amend the NFIP regulations. Impacts to the County and District will at a minimum be an increased the time to process federal projects. The EO may also impact the final federal costs to a project. I have not gotten a clear picture if the EO will impact federally assisted roadway projects.

2. House Bill 2245, County Floodplain Regulations, Manufactured Homes – DRAFT
- (a) FOR A MOBILE HOME LOCATED IN A MOBILE HOME PARK OR A SUBDIVISION ON AUGUST 3, 1984, ALL OF THE FOLLOWING APPLY:
- (i) NO MOBILE HOME LOCATED IN THAT MOBILE HOME PARK OR SUBDIVISION WAS DAMAGED BY A FLOOD TO MORE THAN FIFTY PERCENT OF ITS VALUE BEFORE THE FLOOD.
 - (ii) THE MOBILE HOME TO BE REPLACED IS LOCATED IN A CITY OR TOWN WITH A POPULATION OF LESS THAN FIVE THOUSAND PERSONS IN A COUNTY WITH A POPULATION 8 OF LESS THAN FIFTY THOUSAND PERSONS.
 - (iii) THE REPLACEMENT MOBILE HOME IS ELEVATED SO THAT THE BOTTOM OF THE STRUCTURAL FRAME OR THE LOWEST POINT OF ANY ATTACHED APPLIANCES, WHICHEVER IS LOWER, IS AT OR ABOVE THE BASE FLOOD ELEVATION OR THE MOBILE HOME CHASSIS IS SUPPORTED BY REINFORCED PIERS OR OTHER FOUNDATION ELEMENTS OF EQUIVALENT STRENGTH THAT ARE NOT LESS THAN THIRTY-SIX INCHES IN HEIGHT ABOVE GRADE AND ARE SECURELY ANCHORED TO AN ADEQUATELY ANCHORED FOUNDATION SYSTEM 15 TO RESIST FLOTATION, COLLAPSE AND LATERAL MOVEMENT.
 - (iv) THE GOVERNING BODY OF THE CITY OR TOWN BY MAJORITY VOTE DOES NOT EXEMPT THAT CITY OR TOWN FROM THIS SUBDIVISION AND THE CITY OR TOWN IS NOT REQUIRED TO ADOPT THE REGULATION.
- (b) FOR A MOBILE HOME THAT IS NOT LOCATED IN A MOBILE HOME PARK OR A SUBDIVISION ON AUGUST 3, 1984, ALL OF THE FOLLOWING APPLY:
- (i) The mobile home to be replaced was not damaged by a flood to more than fifty percent of its value before the flood.
 - (ii) The replacement mobile home is elevated so that the bottom of the structural frame or the lowest point of any attached appliances, whichever is lower, is at or above the regulatory flood elevation."

Rating System for the Capital Improvement Program

No new business.

Discussion will continue next month.

REPORT FROM FLOOD CONTROL DISTRICT STAFF

BOS Action

- ✓ **February 10, 2015**
Kaneen Advertising and Public Relations Inc., to provide public relations communication and coordinating services for the Arroyo Chico/High School Wash Project, Regional Flood Control Tax Levy Fund, contract amount \$34,235.03. Approved

CALL TO THE AUDIENCE

No business.

AGENDA ITEMS – MARCH 18, 2015 MEETING

No new business.

The meeting adjourned at 9:21 a.m.