

Cooperating Technical Partners – ASFPM CTP subcommittee Monthly Call – Jan 9, 2023

Attendees: Alan Lulloff, Brooke Seymour, and Joanna Rohlf.

2D modeling IPI

The 2D modeling IPT has started up a mapping subcommittee which Alan has joined. On their last call, they put up some polls related to mapping. A couple of issues highlighted were eliminating profiles and the floodway data table. Brooke indicated that not only in some instances do profiles not make sense but can be misleading. Suzanne indicated that in Kansas for the 2D modeling they are doing they are not developing profiles.

For floodway data tables, the elevations are developed for each cross section associated with 1D models. 2D models do not have cross sections. The question is are communities still going to have the information they need to administer their floodplain ordinance.

Floodway Higher Standards

ASFPM has been funded to prepare materials promoting higher standards floodways. One of the components of the project is interviewing FEMA regions. ASFPM interviewed 9 of the 10 regions. Region 3 indicated that they only map floodways with a surcharge of one foot.

As indicated on earlier calls, the project involves providing some outreach materials that can be provided to communities early in the mapping process to promote communities opting for higher standards (lower surcharge) floodways.

Three case studies will be included: King County, WA, Charlotte Mecklenburg, NC and San Marcos, TX.

Brooke has provided contact information for a community in CO (Cherry Hills) that similar to King County, WA also requires a no-rise analysis in the floodway fringe. She indicated that they have a variance process to allow some development in the floodway fringe. This may be a best practice we can document if timing doesn't work for the floodway higher standards project.

CTP webinars

The recording of the Nov 9th webinar on culverts has now been posted.

A next webinar will be on Floodway higher standards in the Feb/March timeframe. We would like to include a best practice with the webinar. We are considering using Charlotte/Mecklenburg since they have included a variance process that gives the community some flexibility.

Resilience

APWA is looking for an article on using a FEMA grant to become more resilient in the aftermath of a disaster. Buyouts are on way to make a community more resilient but infrastructure and open space could also contribute to resilience.

This issue will be discussed with others at ASFPM.

KS Mapping Efforts

KS has a process wherein they provide engineering models upon request. They are considering developing a website where the public can obtain the models. They are considering doing something similar to Georgia. Some states that provide download access mentioned to her. Those are WI, MD, IN, and MN. WI has their models linked to a GIS hydrography framework. MD has theirs set up so that the bridges can be downloaded as a separate dataset.

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