

Cooperating Technical Partners – ASFPM CTP subcommittee Monthly Call – August 14, 2019

Attendees: Alan Lulloff, Rita Weaver, Brooke Seymour and Dave Knipe

2D floodways - Dave Knipe indicated that an IPT is being formed and he has been asked to participate. We discussed the averaging concepts presented in the FEMA white paper. Brooke indicated that they see this as an opportunity for doing LOMRs where the original modeling was steady state 1D. They are proposing use a 2D model do to split flows for a portion of the stream reach and use conveyance weighted averaging to make it more comparable to the original 1D model. They would also have a maximum.

Alan mentioned that Mark Forest with HDR has been asked to be a part of a work group working with Vern Bonner with HEC to develop a tool in HEC-RAS for doing 2D floodways.

Alan mentioned the discussions with the City of Boulder and Boulder County. Boulder County had challenges associated with a culvert associated with the hwy 36 expansion. They had difficulty in showing a no-rise. Brooke indicated that they are proposing to do a PMR to convert the proprietary 2D model to a 1D model to make it easier to administer.

Varda Blum with Boulder County indicated that she likes 2D modeling but does not like 2D floodways. She indicated that they need model ordinance language for managing development in conjunction with floodways developed with 2D modeling.

Boulder County requires zero-surge floodways on streams above 6,000 feet to prevent strips of flood fringe deemed buildable in areas with very steep slopes.

Webinars: We discussed the upcoming webinar on Floodways the Original Intent scheduled for September 19th. Dave indicated that that is the same date as the Committee Co-chairs retreat. Alan indicated that he was aware of that but that was the only time Dave Carlton was available. Dave asked if the webinars are recorded. They are. He indicated that he wanted to see the Chris Olds presentation.

We discussed the revisions proposed associated with the Guidelines and Specifications. Revisions proposed that are noteworthy are: MIP reporting in which % complete will need to match % funding expended, changes to the equal degree of conveyance requirement and changing map production from a cartography standards to a data base standard. Dave indicated that FEMA is proposing to develop a tool associated with the last item.

Email to CTPs

We discussed sending out an email to CTPs requesting suggestions on topics for training webinars and best practices. Alan will draft the email with a listing of topics next week and will send out the draft to the group.

Best Practices: Brooke provided 3 potential best practices. Alan has put these into the best practice templat and will send out the drafts to the group. Will have to decide which to submit first. Will need the logo for the district.

Action Items: Alan will:

- prepare a draft email to CTPs on potential webinars.

- Follow-up on the LOMR webinar suggestion to get more detail.
- Send out the Mile High Flood District draft Best Practices to the group.

AL - 8/14/2019