IN THE KNOW

SEMA’s Darryl Rockfield Jr
Wood’s Stephen Noe
BACKGROUND

Missouri Advantages

- Mitigation, NFIP and Risk MAP CTP Groups are within the same organization, Missouri State Emergency Management Agency – MOSEMA.
- Senior Leadership of 30 plus years, tremendous local knowledge
  - Enhanced State Hazard Mitigation Plan Recently approved again.
  - Active mapping program from early Map Modernization to Present.

Missouri Speed Bumps

- 30 plus year experience retires
- 20 plus year experienced Risk MAP program manager moves to Colorado
- State Hazard Mitigation Officer gets promoted up and over out of these activities
CHANGE — IT IS THE ONLY THING THAT IS CONSISTENT

- New NFIP Coordinator – Many years of experience and very knowledgeable of MO
- New State Hazard Mitigation Officer – Deputy SHMO promoted and was very active in finally getting the State Enhanced plan approved and the only county that did not have a local plan – created and approved
- New CTP program manager - months of experience prior to manager moving to CO
- Retired NFIP Coordinator and Often CTP Program Manager got tired of cleaning fence rows, barn repairs, house improvements and all those little projects that had been procrastinated to retirement. Agreed to come back and work 1000 hours a year.
IN THE KNOW AND KNOW WHO!

- Admin commentary within your organization (Synergy between NFIP, RiskMAP, Hazard Mitigation)
- Establishing local synergy and respect
- Have you ever gone to a community meeting only to find out either another part of FEMA or your own state agency had a meeting there recently outside the direct lanes of your project?
- Hard to convince locals that the new risk are much more accurate if you are not even aware of others meeting and talking to the same stakeholders (organized).
- Communicate the impacts of the proposed maps current flood risks
- Gather the need and concerns of the community(s) stakeholders, as well as provide access to previous data)
- Allowing the local stakeholders to put their finger prints on their updated flood risk
IN THE KNOW AND KNOW WHO!

- Communicate the activities across the state
- Promote awareness of where the water comes from that enters a community coupled with where a community’s runoff goes downstream
- Identifying the changes between the new risk areas and previous risk areas.
- Identifying areas of mitigation needs.
- Incorporating best available data (data analytics) into the disaster preparedness, response and rebuilding.
WHAT COUNTIES ARE BEING UPDATED?

- Risk MAP activities in over 60% of the Counties
- Substantial Disasters in 2015, 2017 and building for 2019
- NFIP 33 Paper Mapped Counties & Communities being mapped. Joining NFIP for first time.
IN THE KNOW AND KNOW WHO!

- Everyone works under one roof
- Uses same break room
- Eats at same in house cafeteria
- Managed by the same people (Department of Public Safety)
- EOC within a couple hallways of everyone’s office

Just cannot stay in the know

Implementation of the following internal and external websites attempts be a solution
COMMUNICATIONS!

- Mitigation Planning Meetings, Webinars, ....

- Risk MAP – Discovery KO, Discovery Review, Data Development KO, Flood Study Review 1, Flood Study Review 2, CCO, Resilience, Open Houses, LAMP meetings and other specialty stakeholder engagements (council, commissioner, regional planning presentations).

- NFIP – CACs, CAVs, Ordinance approvals and adoptions
OUTREACH AND TRAINING

2019 WORKSHOPS

The goal of the 2D workshops is to develop and provide technical training to state agencies, local officials and local technical community to assist in the transition from 1D to 2D Flood Risk Identification and NFIP Floodplain Management.

Workshop Information & Registration

The Floodplain Team offers the following workshops:
- Certified Floodplain Managers (CFM) Training and Examination
- PCSWMM Workshop
- HEC RAS 5-2D Workshop
- DFIRM data and RiskMAP Products to manage floodplains

Click here to select and register for a workshop.
RECEIVING LOCAL PROJECT DATA

Location Specific Data

Types of data submitted

- Flooding Pictures
- Construction data since topo
- Detention/retention basin design
- Pump design
- Operations and maintenance plans
- Culvert and bridge data
- Open and closed drainage design
WHY ARE THESE COUNTIES BEING UPDATED?

- SEMA’s goals
  - Model based SFHA’s on LiDAR statewide
  - Eliminate Paper FIRM’s statewide
  - Flood Risk Products to meet community needs statewide
  - Structure Specific Flood Risk Assessments within communities
  - Provide Outreach and Training that meet community needs
  - Create products to assist in Emergency Management during flooding events

10m DEM’s

LiDAR + Imagery
WHAT ARE FLOOD RISK PRODUCTS?

- Depth Grids
- Water Surface Elevation Grids
- Changes Since Last FIRM
- Percent Annual Chance Grid
- 30 Year Percent Chance Grid
- Freeboard Grids
WHERE CAN I VIEW DRAFT MAPS?


- 4 circles at the bottom of map
  - 1) Legend
  - 2) Layer List
    - Flood Study Review Data – Dent
    - Preliminary Data – Washington
  - 3) Base map Gallery (Imagery, streets, etc)
  - 4) Edit (Leave Comments)
WHAT KIND OF DOCUMENTS CAN I VIEW?

- PowerPoints
- Agenda
- Handouts
- Sign-in Sheets
- Meeting Minutes
- Project Management Plan
- Modeling Methods Maps
WHERE CAN I PROVIDE COMMENTS?

- 4 circles at the bottom of map
  - 1) Legend
  - 2) Layer List
    - Flood Study Review Data – Dent
    - Preliminary Data – Washington
  - 3) Base map Gallery (Imagery, streets, etc)
  - 4) Edit (Leave Comments)