



FEMA

# Risk MAP: WI County Floodplain Map Update

FEMA Region V, Polk County

**Countywide Map Update: Kick-Off Meeting  
December 7, 2022**

**RiskMAP**

Increasing Resilience Together



# Reminders

- **Thank you for joining us!**
- **This meeting will be recorded**
- **Please remember to mute your own line if you are not speaking in order to minimize disruption**
- **Please use the chat box to ask questions throughout the presentation**
- **Type in your name and title in the chat box so we have a record of attendance**

# Meeting Agenda

- **Introductions/Roll Call**
- **Risk MAP Overview**
- **Countywide Map Update Project Scope**
- **Desired Input from Communities**
- **Individual questions/discussion**
- **Close**

# Welcome & Introduction

- **Risk MAP Project Team, Wisconsin Department of Natural Resources (WDNR)**
  - Fritz Statz- Project Lead
  - Bryan Cunningham - NFIP Coordinator
  - Chad Heimerl- Project Engineer
  - Chris Olds- State Floodplain Engineer
  - Michael Rogney– Regional Engineer
  - Tanya Lourigan – Dam Safety/Floodplain Section Supervisor
- **Wisconsin Emergency Management (WEM)**
  - Robyn Fennig – Hazard Mitigation Program Supervisor

# Welcome & Introductions

- **Federal Emergency Management Agency (FEMA)**
  - Ken Hinterlong- Region V Engineer
  - Munib Ahmad - Region V Engineer
  - Frank Shockey- Region V Senior NFIP Specialist
  - Cadence Peterson- Region V Planner

# The Vision for Risk MAP

FEMA's Risk Mapping, Assessment, and Planning (Risk MAP) program involves collaboration with State, Local, and Tribal entities to deliver quality data that increases public awareness and leads to action that reduces risk to life and property



# National Flood Insurance Program (NFIP)

- **A voluntary program based on a mutual agreement between the Federal government and the local community:**
  - In exchange for adopting and enforcing floodplain management ordinances, Federally-backed flood insurance is made available to community property owners and disaster assistance.
- **NFIP Goals:**
  - Reduce the loss of life and property caused by flooding
  - Reduce rising disaster relief costs caused by flooding
  - Maintain the natural and beneficial functions of the floodplains



# National Flood Insurance Program (NFIP)- Participating/Non-Participating Communities

**What kind of assistance or support would you benefit from related to the NFIP?**

CID	Community Name	Initial FHBM	Initial FIRM	Current Effective Map Date	Regular Entry Date
550577	Polk County	11/03/1978	06/04/1990	09/16/2011	06/04/1990
550332	City of Amery	12/28/1973	09/18/1991	09/16/2011	09/18/1991
550337	City of St. Croix Falls	05/24/1974	05/01/1987	09/16/2011	05/01/1987
550333	Village of Balsam Lake	05/03/1974	07/01/1988	09/16/2011	07/01/1988
550543	Village of Centuria*	N/A	09/16/2011	09/16/2011	N/A
550535	Village of Clayton*	N/A	09/16/2011	09/16/2011	N/A
550545	Village of Clear Lake*	N/A	09/16/2011	09/16/2011	09/16/2012
550544	Village of Dresser*	N/A	09/16/2011	09/16/2011	N/A
550334	Village of Frederic	05/31/1974	09/01/1986	09/16/2011	09/01/1986
550335	Village of Luck	05/24/1974	07/02/1987	09/16/2011	07/02/1987
550546	Village of Milltown*	N/A	09/16/2011	09/16/2011	N/A
550336	Village of Osceola	05/24/1974	01/05/1984	09/16/2011	01/05/1984
550438	Village of Turtle Lake*	N/A	09/16/2011	09/16/2011	N/A

\* Not in the NFIP

# National Flood Insurance Program (NFIP)- Participating/Non-Participating Communities

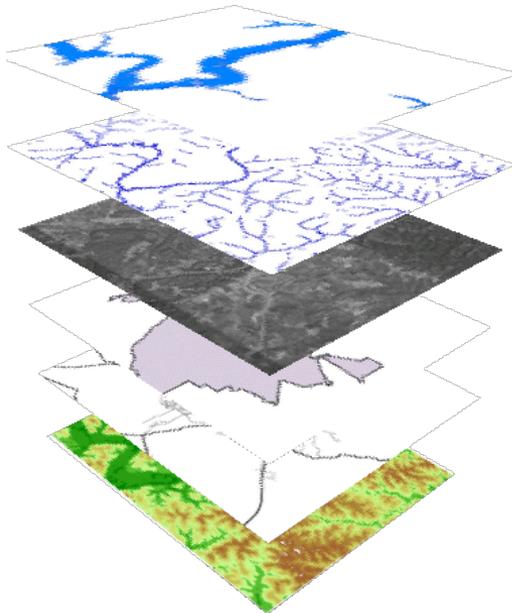
**What kind of assistance or support would you benefit from related to the NFIP?**

CID	Community Name	Policies in Force	Insurance in Force	Total Paid Losses	Total Paid Amount
550577	Polk County	29	\$7,278,000	12	\$49,940
550332	City of Amery	4	\$1,001,500	0	\$ 0
550337	City of St. Croix Falls	1	\$250,000	3	\$266,299
550333	Village of Balsam Lake	5	\$405,000	0	\$ 0
550335	Village of Luck	1	\$350,000	1	\$ 0
550336	Village of Osceola	1	\$25,000	1	\$21,736



# What data are we looking for from you?

- Contributions to LiDAR or other data to leverage into this Risk MAP effort?
- Some data listed below – please provide contact info for GIS person



- Political Boundaries
- Major Roads
- Streams
- Dams
- Structures
- Areas of Mitigation Interest
- Essential Facility Data

# LiDAR - Topographic Data

## Known Best Available Data

- LiDAR
  - 2015
- Any additional efforts planned?



# Countywide Map Update Timeline

## Polk County

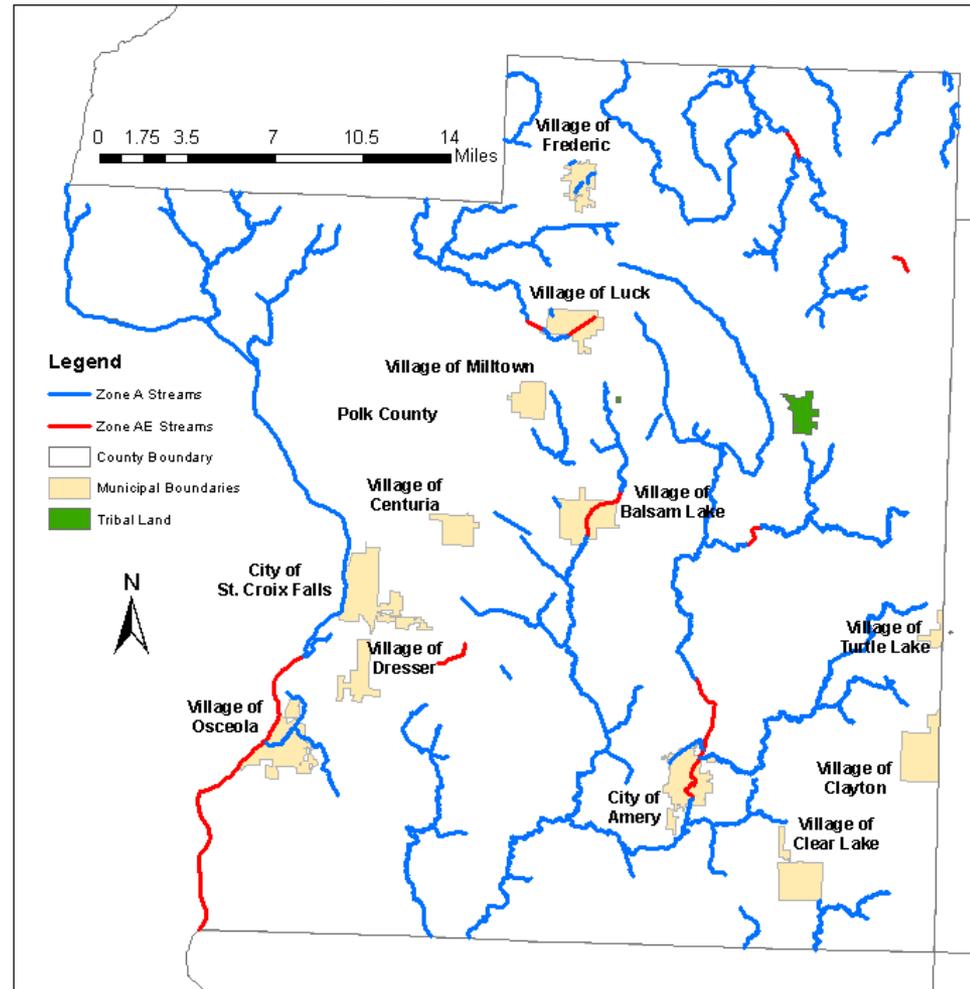
- **December 7, 2022: Kick-off Meeting**
- **2024: Flood Risk Review Meetings**
  - Hydraulic Modeling Completed, data made digitally available to community officials
- **Future efforts (yet to be funded) would include preliminary and final countywide FIRMS**

# Countywide Map Update: Polk County

- **Areas on the existing Flood Insurance Rate Maps (FIRMs) will be updated. Goals are to:**
  - Incorporate updated topographic data for redelineation of detailed studies
  - Updated H&H for all Zone A floodplains in Polk County
  - Keep same level of detail: areas studied using approximate methods (A zones) will remain A zones
    - Base Flood Elevations (BFE's), or the elevation to which floodwaters are anticipated to rise during a 1% annual chance flood, will not be published if not currently shown.
  - Share updated work map products digitally with communities

# Studied Streams

Stream Study Updates Polk County, WI

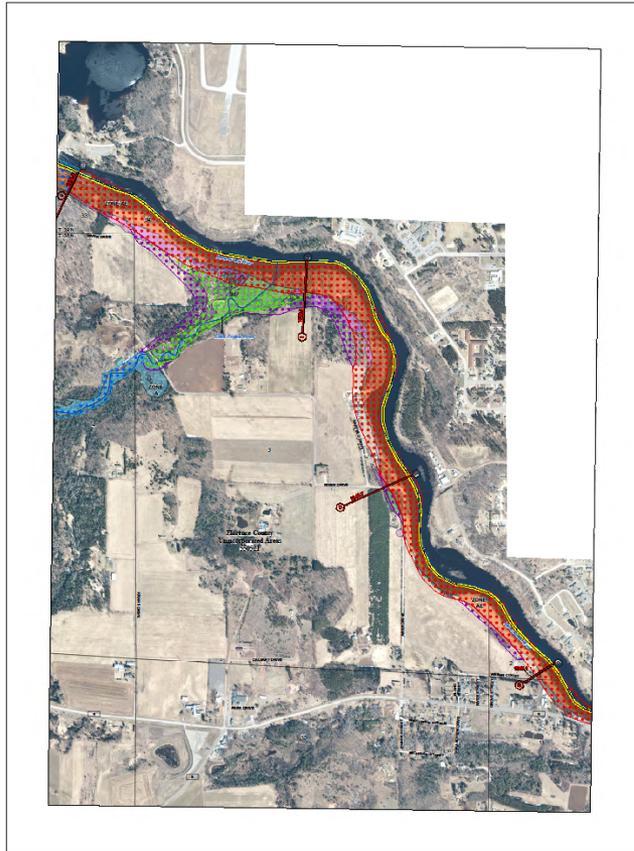


Updated engineering for approximate (Zone A) streams: ~404.4 miles

Re-delineated detailed (Zone AE) streams: ~33.8 miles



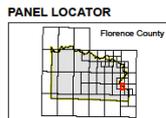
# Workmap examples



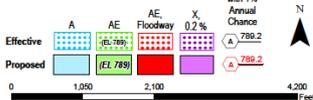
Map Projection: NAD 1983 HARN UTM Zone 16N

**DRAFT**

Florence County, WI  
WORKMAPS

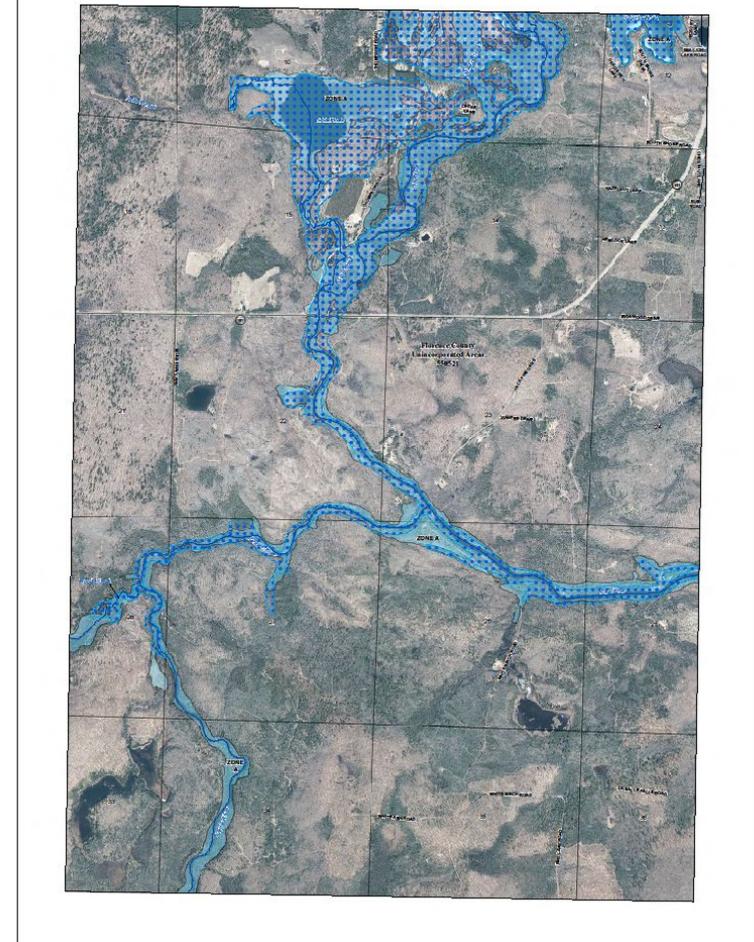


**MAP SYMBOLOGY**



Panel Contains:  
COMMUNITY FLORENCE COUNTY 0301 B

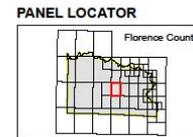
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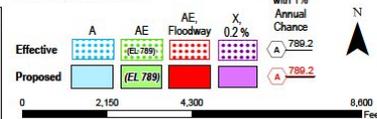
Map Projection: NAD 1983 HARN UTM Zone 16N

**DRAFT**

Florence County, WI  
WORKMAPS



**MAP SYMBOLOGY**



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Release Date: TBD



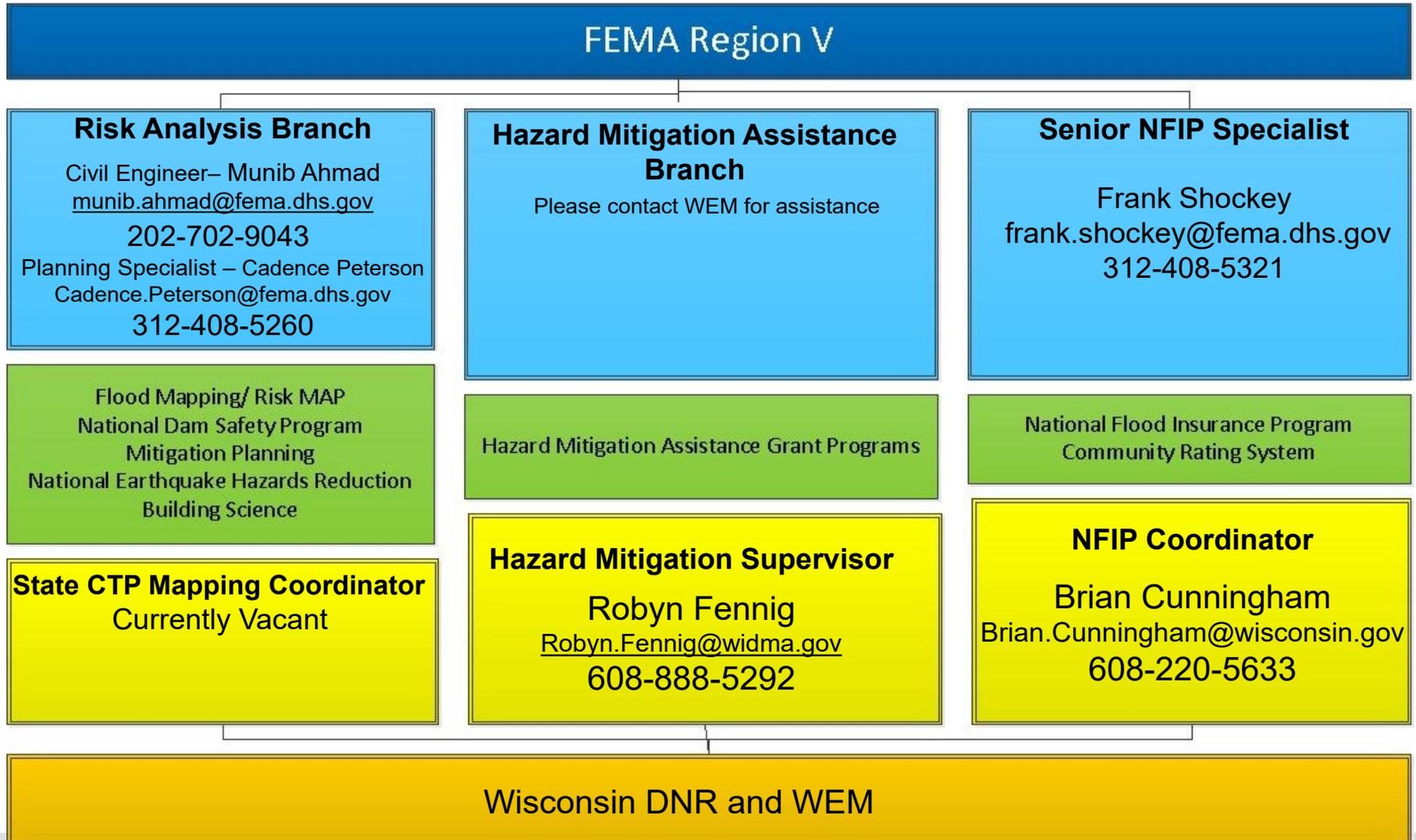
# Hazard Mitigation Planning Status

- **How much were you involved with developing your current plan?**
  - Polk County: 2017 update
- **Do you desire support with planning in the future?**
  - How FEMA, DNR and WEM can help
- **What kind of technical assistance or support would you benefit from?**

# Risk MAP Supports Your Existing Risk Reduction Efforts



# FEMA and State Contacts



# Discussion & Questions

- **Engineering Methods 30-day comment period**
- **Questions??**