



FEMA

# Risk MAP: WI County Floodplain Modernization

FEMA Region V, Sawyer County

Countywide Map Update: Kick-Off Meeting  
May 20, 2021

**RiskMAP**

Increasing Resilience Together



# Zoom Meeting Housekeeping

- **Please enter the organization you belong to in the group chat or to Betsy Finlay so that we have a record of all stakeholders who attended**
- **If you were not on the original invite and would like to keep updated, please also include your e-mail with your organization in the chat to Betsy**
- **You are muted and video turned off upon entry**
- **If you wish to ask a question, Raise your hand or type it in chat (to everyone or to Betsy Finlay)**

# 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)**
  - Emily Szajna - Project Lead
  - Betsy Finlay – CTP Coordinator
  - Brian Cunningham- NFIP Coordinator
  - Chris Olds - Floodplain Engineer
  - Jacob Druffner– Regional Engineer
  - Tanya Lourigan– Dam Safety/Floodplain Section Supervisor
- **Wisconsin Emergency Management (WEM)**
  - Robyn Fennig– State Hazard Mitigation Officer
  - Guen Drewes – Disaster Response & Recovery Planner

# Welcome & Introduction

## ■ Federal Emergency Management Agency (FEMA)

- Ken Hinterlong – Region V Engineer
- Frank Shockey – Region V Senior NFIP Specialist
- Nicholas Bruscato – Region V Emergency Management Specialist
- Cadence Peterson – Region V Planner
- Jerome Huffman – Region V Communications and Outreach

# 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	Init FHBM	Init FIRM	Current Effective Map Date	Reg-Emer Date
550408	Village of Couderay*	05/28/1976	09/30/1988	09/30/1988	Suspended
550409	Village of Exeland	08/16/1974	09/01/1986	09/01/1986 (L)	09/01/1986
550625	Lac Courte Orielles Reservation*	N/A	N/A	N/A	N/A
550410	City of Hayward	06/28/1974	11/01/1979	11/01/1979	11/01/1979
550411	Village of Radisson	09/06/1974	09/01/1986	09/01/1986 (L)	09/01/1986
550591	Sawyer County	03/13/1981	09/14/1990	09/14/1990	09/14/1990
550588	Village of Winter*	N/A	N/A	N/A	N/A
(L) - Original FIRM by Letter - All Zone A, C and X *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	Policies in Force	Insurance In Force	Total Paid Losses	Total Paid Amount
550408	Village of Couderay*	N/A	N/A	1	\$0
550409	Village of Exeland	1	\$128,600.00	1	\$0
550625	Lac Courte Orielles Reservation*	N/A	N/A	N/A	N/A
550410	City of Hayward	7	\$2,425,000.00	4	\$6,384.27
550411	Village of Radisson	N/A	N/A	N/A	N/A
550591	Sawyer County	49	\$10,167,700.00	2	\$7,881.19
550588	Village of Winter*	N/A	N/A	N/A	N/A
*Not in the NFIP					

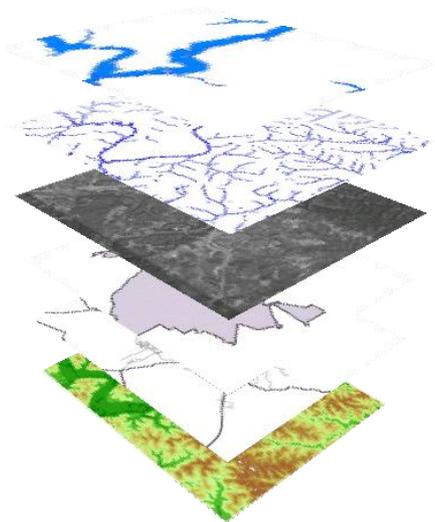
# What data are we looking for from you?

- **Existing Hydraulic and Hydrologic Studies**
  - USACE, USGS, DOT, Watershed Districts, developers, communities?
  - Study Date
  - Flooding Source and Location
  - Contact Info: name and email
  - Must be submitted by communities to FEMA for use in project



# 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



Transportation Layers

Political Boundaries

Parcel Data

Areas of Mitigation  
Interest

High Water Marks

Land Use Data

Essential Facility Data

Ortho-photography

Levees and Dams

Wetlands or Environmentally  
Sensitive Area Data

# LiDAR - Topographic Data

## Known Best Available Data

- LiDAR – 3DEP 2017 (confirm?)
- <http://www.sco.wisc.edu/>
- Any additional efforts planned?



# Countywide Map Update Timeline

## Sawyer County

- **May 20, 2021: Kick-off Meeting**
- **2022: 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**

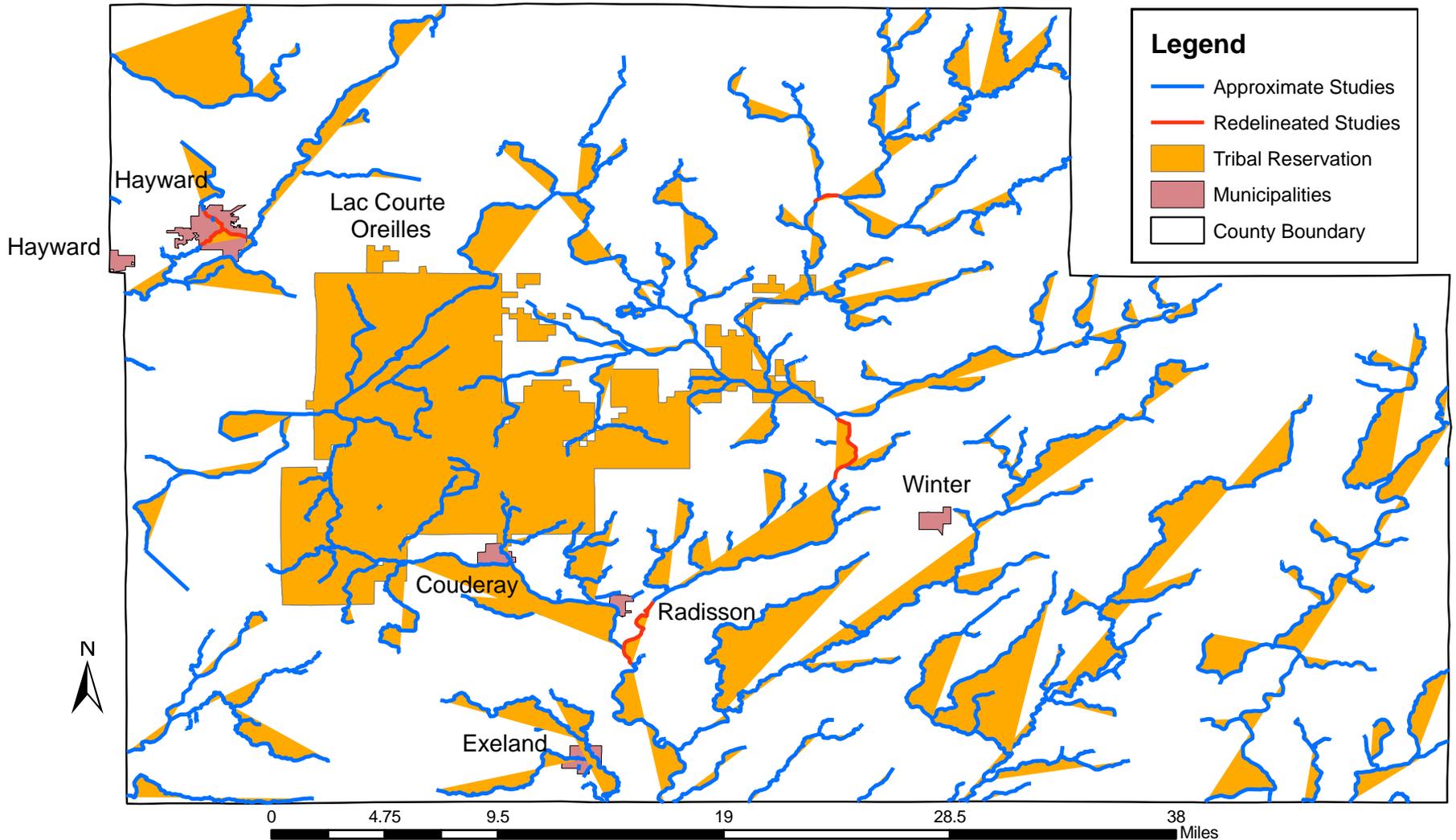
# Countywide Map Update: Sawyer County

- **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 the 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

# Study Scope

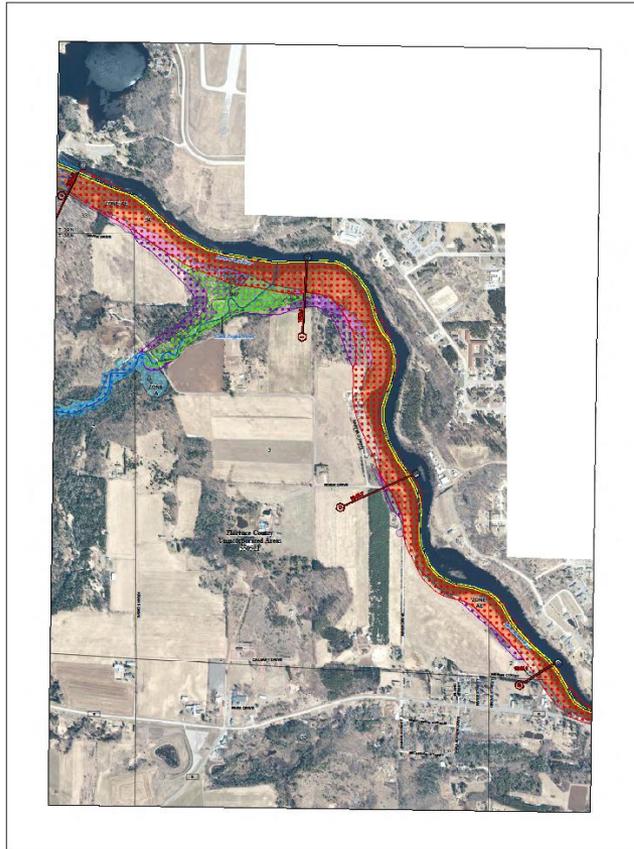
- **Updated approximate (Zone A) streams : ~782 miles**
- **Re-delineated detailed (Zone AE) stream: ~11 miles**
  - Chippewa River (2 reaches)
  - Namekagon River
  - Smith Lake Creek
  - West Fork Chippewa River

# Study Scope





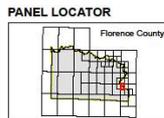
# Workmap examples



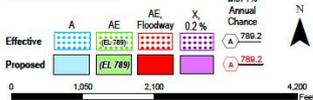
Map Projection: NAD 1983 HARN UTM Zone 16N

**DRAFT**

Florence County, WI  
WORKMAPS

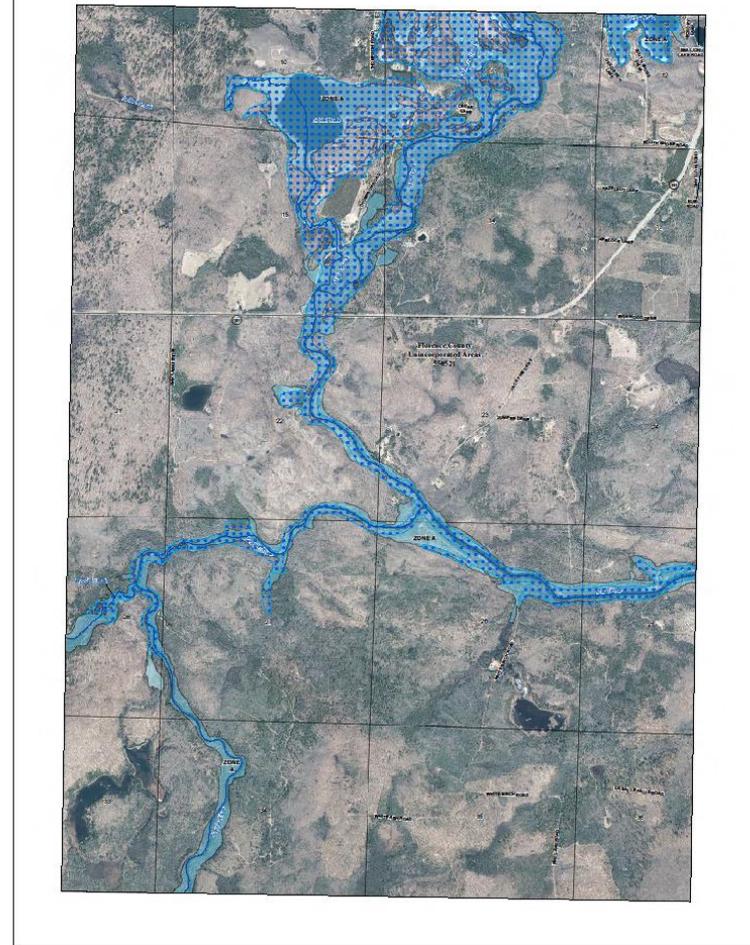


**MAP SYMBOLOGY**



Panel Contains:  
COMMUNITY FLORENCE COUNTY  
PANEL SUFFIX 0361 B

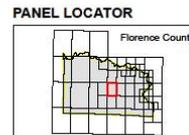
Release Date: TBD



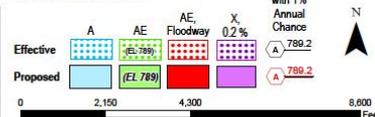
Map Projection: NAD 1983 HARN UTM Zone 16N

**DRAFT**

Florence County, WI  
WORKMAPS



**MAP SYMBOLOGY**



Panel Contains:  
COMMUNITY FLORENCE COUNTY  
PANEL SUFFIX 0305 B

Release Date: TBD



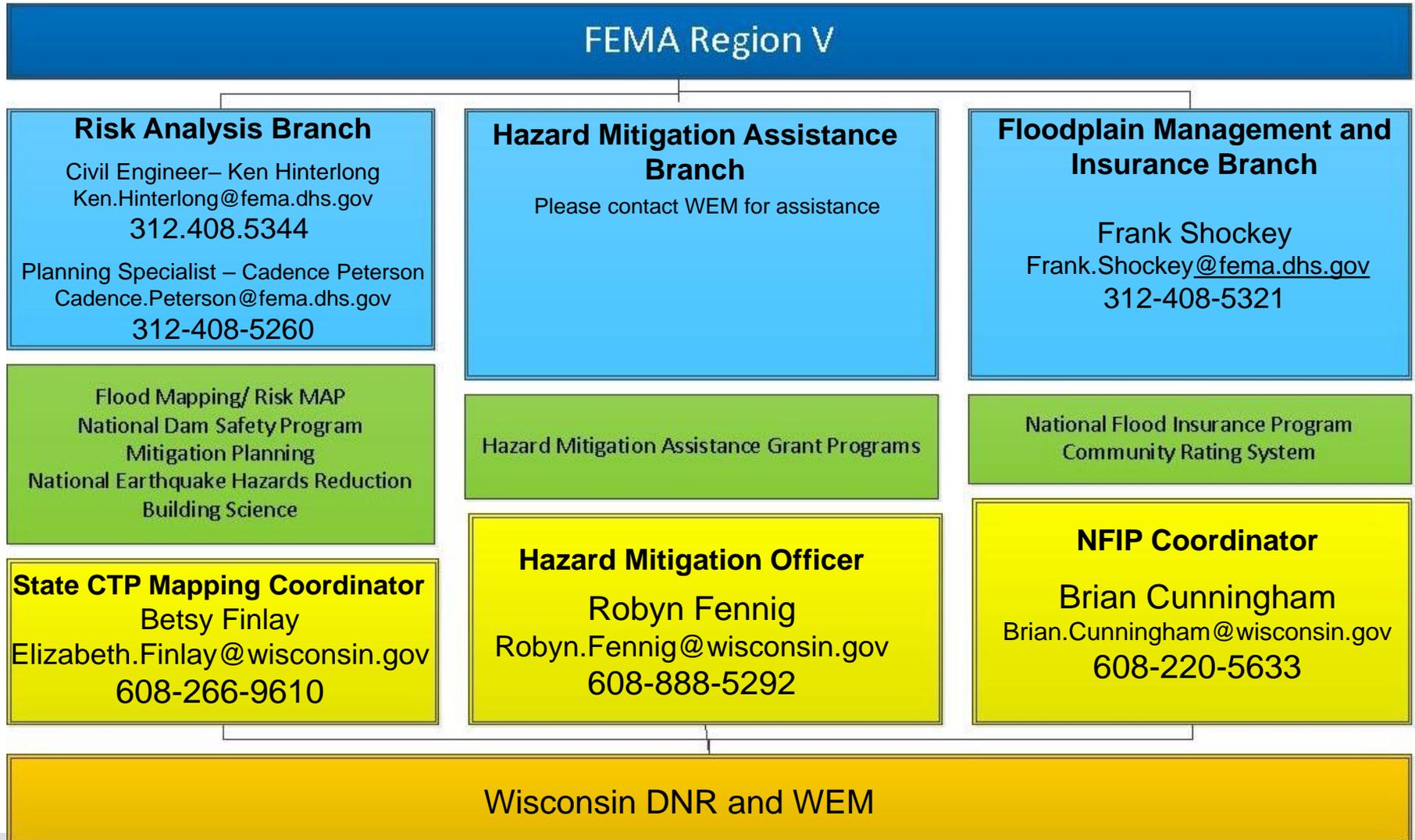
# Hazard Mitigation Planning Status

- **How much were you involved with developing your current plan?**
  - Sawyer County's current plan is from 2019
  - Benefits of mitigation planning
- **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?**

# Disaster Assistance

- **Presidential Disaster Declarations resulting in Individual Assistance and/or Public Assistance being made available:**
  - DR-1284-WI
    - Incident Period: July 4-31, 1999
    - Declaration Date: August 16, 1999
    - Severe storms, straight-line winds, and flooding
    - PA dollars obligated

# FEMA and State Contacts



# Discussion & Questions

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