



FEMA

Risk MAP: Marinette County Floodplain Update

FEMA Region V

Countywide Map Update Kick-Off Meeting
June 29, 2023

RiskMAP
Increasing Resilience Together



Meeting Agenda

- **Introductions**
- **Risk MAP Overview / NFIP**
- **Countywide Map Update Project Scope**
- **Desired Input from Communities**
- **Engineering Methods / Mitigation**
- **Individual questions/discussion**
- **Close**

Introductions

- **Zoom reminder**

- **Risk MAP Project Team, Wisconsin Department of Natural Resources (WDNR)**
 - Emily Szajna - Project Lead
 - Chris Olds - Floodplain Engineer
 - Ryan Pichler - Regional Engineer

- **Wisconsin Emergency Management (WEM)**
 - Heather Thole— State Hazard Mitigation Officer

Introductions

- **Federal Emergency Management Agency (FEMA)**
 - Munib Ahmad – Region V Engineer
 - Ken Hinterlong – Region V Engineer
 - Gabriel Jackson – 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
 - Minimize business interruptions and other economic disruptions

Flood Insurance



- All buildings can experience flooding
- Homeowner policies do not cover flooding
- Floods are caused by many sources

[Floodplains | Wisconsin DNR](#)

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
550260	Village of Coleman	05/31/1974	09/01/1986	09/01/1986	09/01/1986
550597	Village of Crivitz*	03/17/1978			
550259	Marinette County	08/26/1974	03/18/1991	11/04/1992	03/18/1991
550261	City of Marinette	07/06/1973	03/15/1978	03/15/1978	03/15/1978
550262	City of Niagara	02/01/1974	04/03/1978	04/03/1978	04/03/1978
550263	City of Peshtigo	12/07/1973	03/04/1991	03/04/1991	03/09/1991
550569	Village of Pound*				
50264	Village of Wausaukee	05/24/1974	07/01/1987	07/01/1987	07/01/1987

* 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
550260	Village of Coleman	0	\$0	0	\$0
550597	Village of Crivitz*	0	\$0	0	\$0
550259	Marinette County	37	\$6,559,000	11	\$172,692
550261	City of Marinette	16	\$3,498,000	5	\$6,915
550262	City of Niagara	4	\$916,000	3	\$13,123
550263	City of Peshtigo	2	\$471,000	2	\$2,761
550569	Village of Pound*	0	\$0	0	\$0
550264	Village of Wausaukee	0	\$0	0	\$0

*Not in the NFIP

Countywide Map Update Timeline

Marinette County

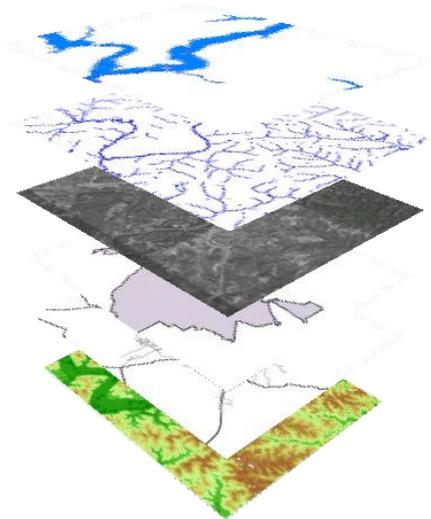
- **November 5, 2020: Previous Flood Risk Review Meeting**
 - Updated detailed studies on Menominee and Peshtigo Rivers, Coastal analysis, and zone A updates
- **June 29, 2023: Kick-off Meeting**
 - Revisions to zone A studies
- **2025/26: Flood Risk Review Meeting**
 - Hydraulic Modeling Completed, draft data made available to community officials
- **Future efforts (yet to be funded) would include preliminary and final countywide FIRMS**

Countywide Map Update: Marinette County

- **Areas on the existing Flood Insurance Rate Maps (FIRMs) will be updated. Goals are to:**
 - Incorporate updated topographic data
 - 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

What data are we looking for from you?

- Data listed below:



Transportation Layers

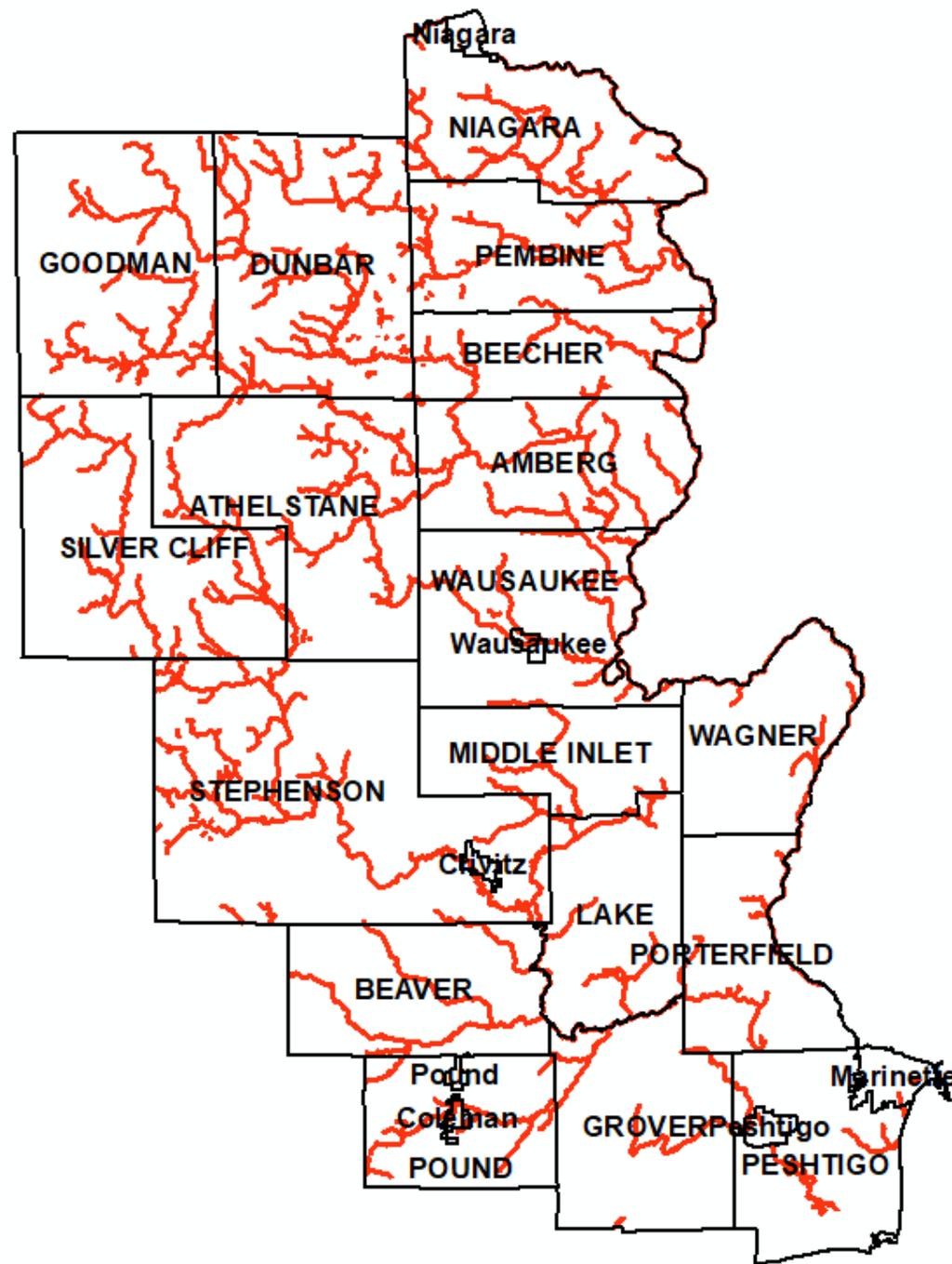
High Water Marks

Political Boundaries

Areas of Mitigation
Interest

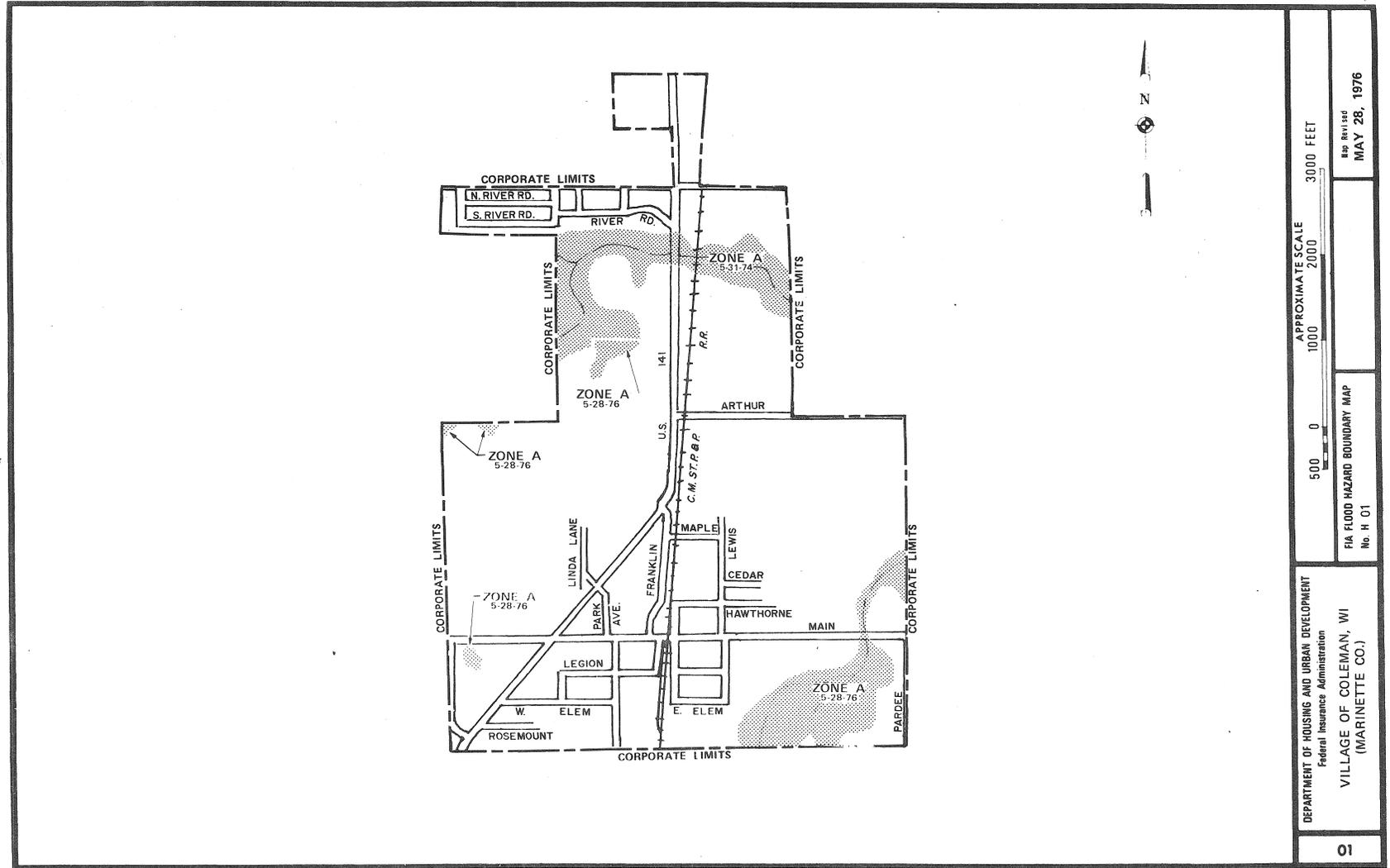
Studied Streams

- Updated approximate (Zone A) streams : 820.2 miles

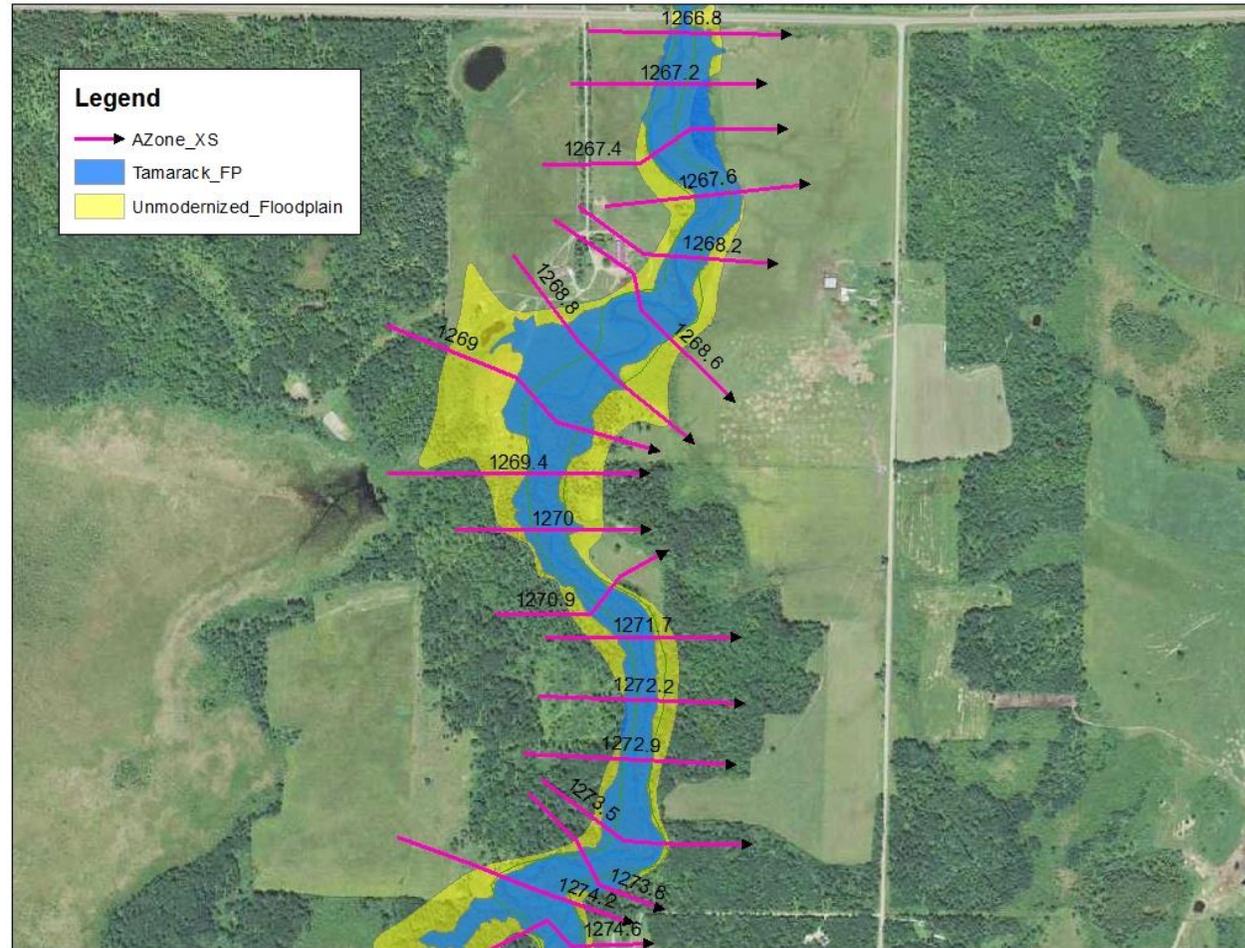


Existing Zone A: Example

- No Cross Sections with Base Flood Elevations
- Not based on updated topography
- Doesn't use updated hydrology



Updated Digital Zone A Mapping With Estimated Base Flood Elevations



Work map example



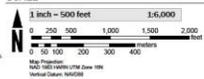
FLOOD HAZARD INFORMATION

- SPECIAL FLOOD HAZARD AREAS**
 - Vertical Flood Hazard (SFH) Zone 1, 2, 3
 - Regulatory Floodway
 - 0.2% Annual Chance Flood Hazard, Areas of 1% Annual Chance Flood Hazard with average depth less than one foot or with drainage areas of less than one square mile (Zone 1)
 - Future Conditions 0.2% Annual Chance Flood Hazard (Zone 1)
 - Area with Reduced Flood Risk due to Lower Sea Levels (Zone 1)
 - Area with Flood Risk due to Lower Sea Levels (Zone 2)
- OTHER AREAS OF FLOOD HAZARD**
 - Area of Unincorporated Flood Hazard (Zone 1)
 - Area of Unincorporated Flood Hazard (Zone 2)
- OTHER AREAS**
 - Channel, Culvert, or Storm Sewer
 - Levee, Dike, or Floodwall
 - Coastal Structure with 0.2% Annual Chance
 - Water Surface Elevation
 - Flooded Transport
 - Special Transport Situation
 - Public Structure
 - Hydrographic Feature
 - Base Flood Elevation Line (BFE)
 - Limit of Study
 - Jurisdiction Boundary

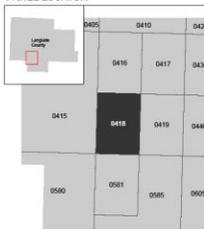
NOTES TO USERS

For information and questions about the Draft Flood Hazard Map (SFH), please contact the project manager. The map is a draft and is subject to change. It is not intended for use as a legal document. The map is a draft and is subject to change. It is not intended for use as a legal document. The map is a draft and is subject to change. It is not intended for use as a legal document.

SCALE



PANEL LOCATOR



NATIONAL FLOOD INSURANCE PROGRAM
DRAFT FLOOD INSURANCE RATE MAP
LANGLADE COUNTY
WISCONSIN
AND INCORPORATED AREAS

COMMUNITY	NUMBER	PANEL	SUFFIX
CITY OF JANESVILLE	0410	0410	C
UNINCORPORATED AREAS	0410	0410	C

MAP NUMBER: 0410-0410-C
 EFFECTIVE DATE: 03/27/2023
 Draft Panel Created: 03/27/2023

Hazard Mitigation Planning Status

- Marinette County's current All Hazards Mitigation Plan: 2020-2025
- Benefits of mitigation planning
- **Do you desire support with planning in the future?**
 - FEMA, DNR and WEM can help
 - [Hazard Mitigation Assistance Grants | FEMA.gov](#)

Impacts of Digital Data

- **Mapping may be incorporated in future HMP planning**
- **More accurate mapping may help in emergency planning**
- **Mitigation actions more easily identified**
- **Flood insurance determinations are easier**
- **Floodplain permitting may be easier**

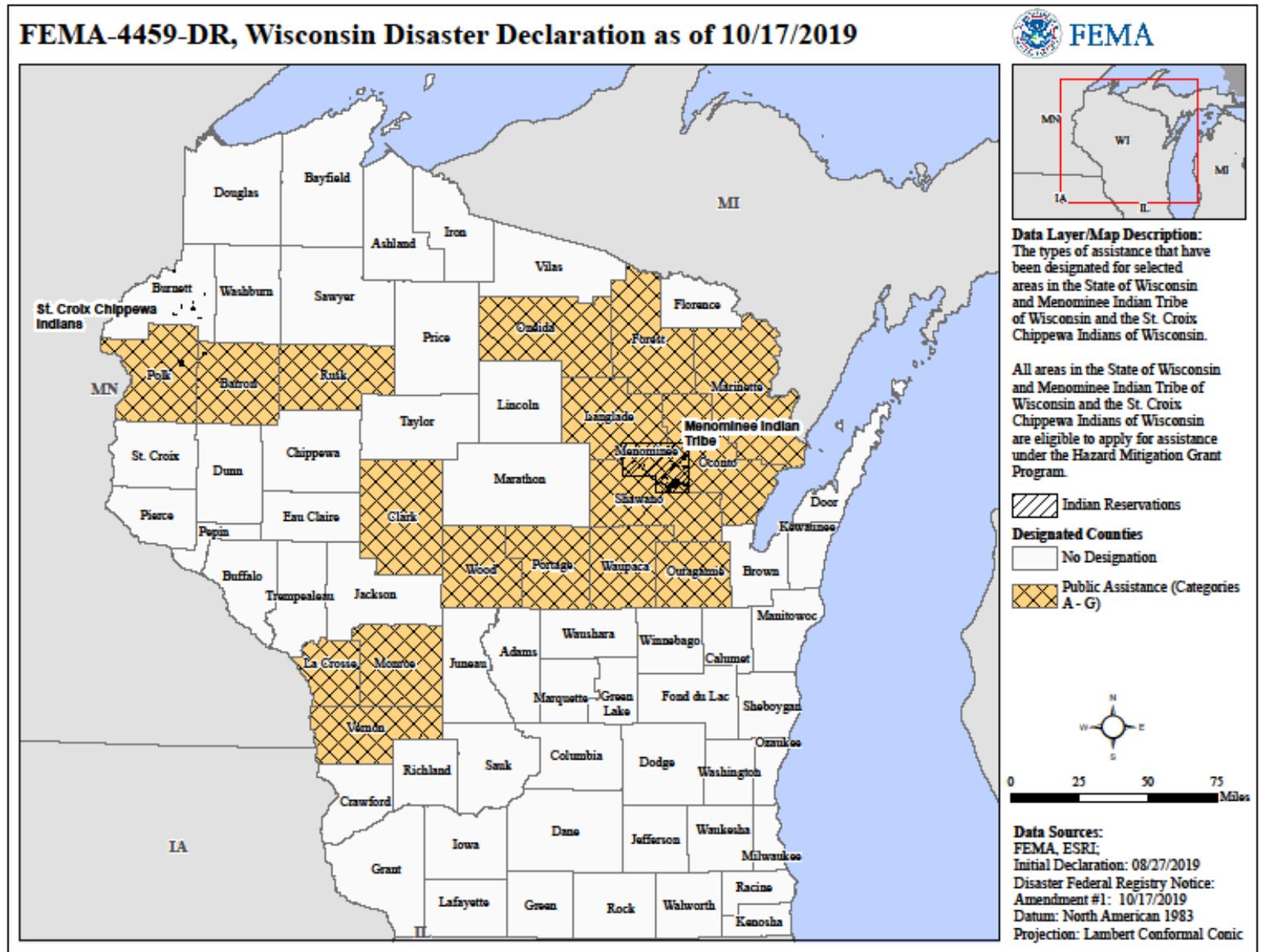
Community Engagement Possibilities

- **Mitigation Funding 101 (WEM)**
- **Safe Room Workshop (WEM)**
- **Floodplain regulation workshop (DNR)**
- **Flood insurance workshop (DNR)**
- **CRS workshop (DNR)**

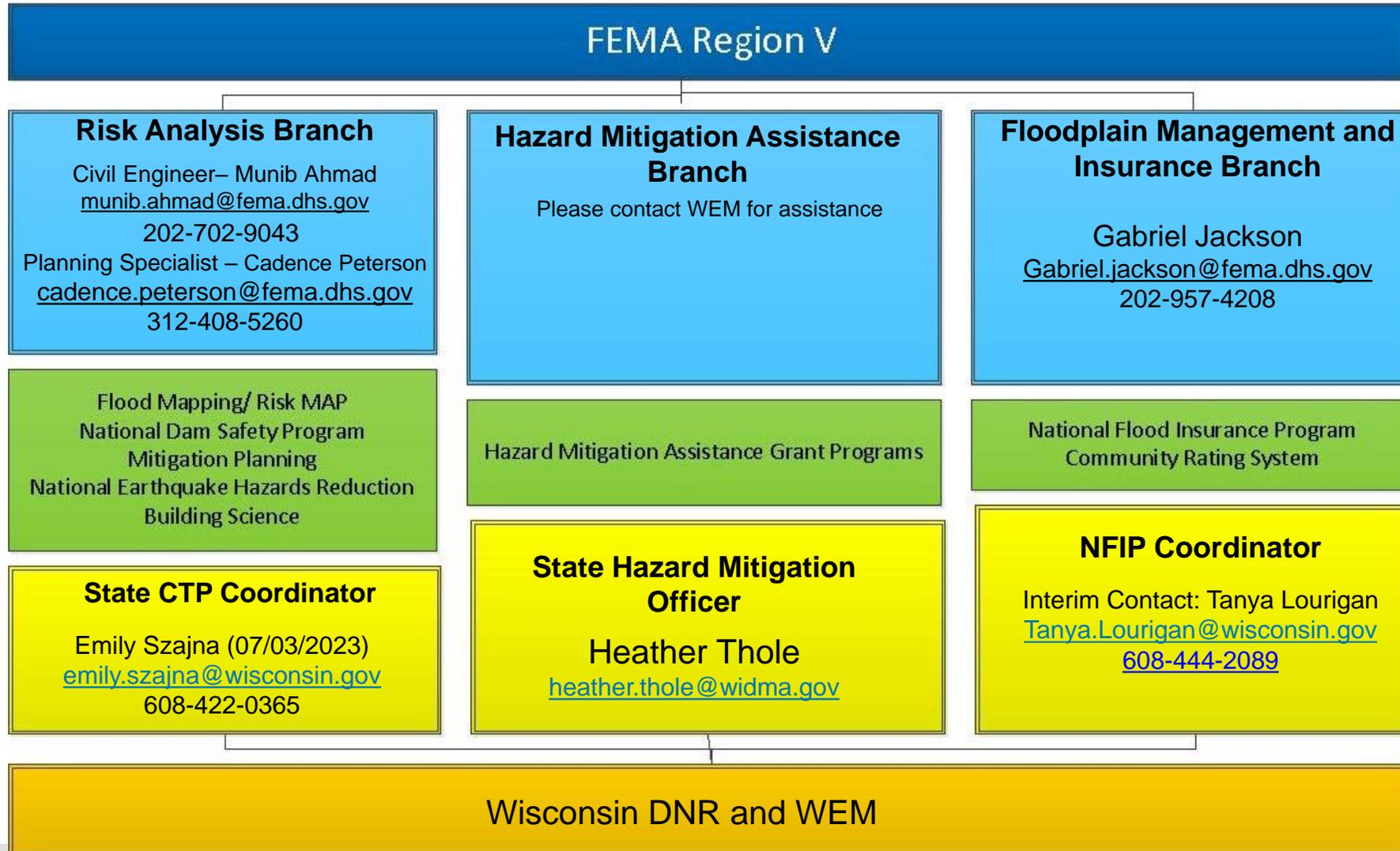
Disaster Assistance

- **Presidential Disaster Declarations resulting in Individual Assistance and/or Public Assistance being made available:**

- 04/27/1973: DR-4459
- 08/27/2019: DR-376



FEMA and State Contacts



Discussion & Questions

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