

**Goodhue  
County**  
MINNESOTA

# **GIS and Emergency Management**

# EM Challenges in Goodhue County

- Floods(seasonal and flash)
- High potential for Dam Breaches (3 low risk, 3 medium/high and 1 high risk structures)
- Rail Traffic
- Prairie Island Nuclear Generating Plant
- Recent change 300+ tourists twice a week(River Cruises)

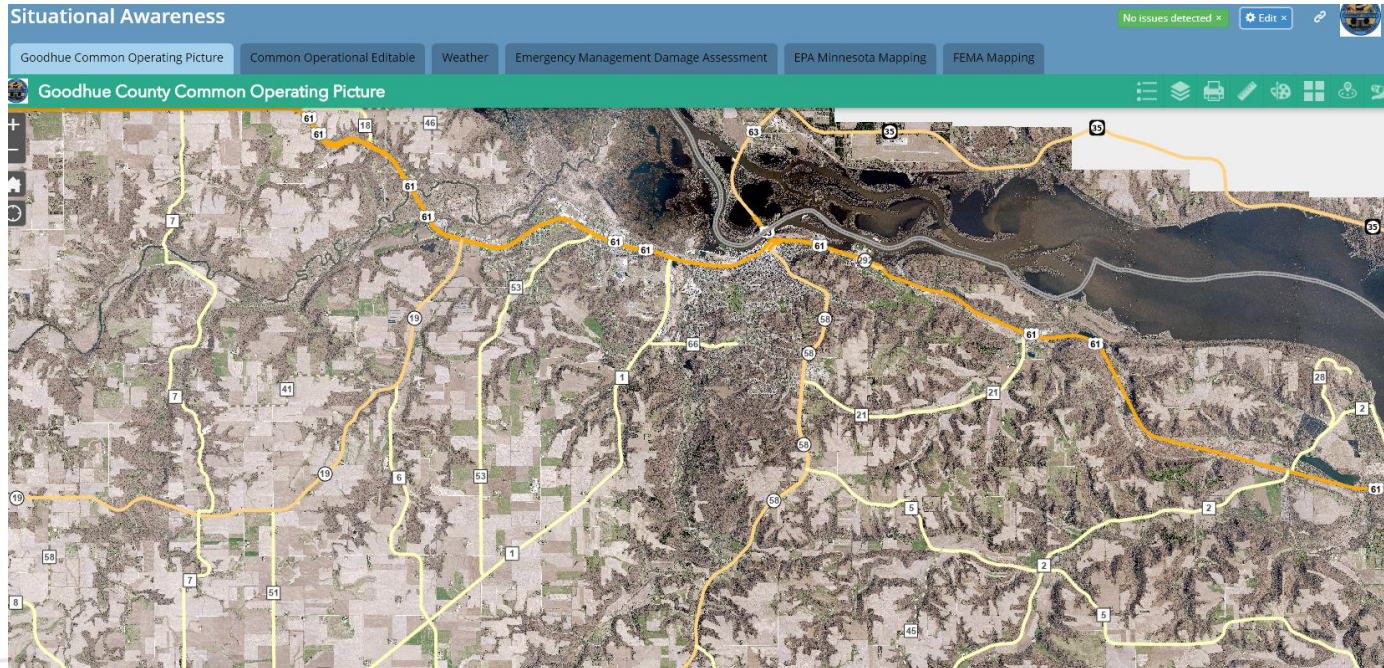
# How we work together

- Goodhue County EM is responsible for addressing within Goodhue County.
  - Work with GIS with the parcel viewer to measure and assign the address. GIS then drops the appropriate pins.
- Current layers that show EMS and Fire Service areas
- GIS maintains utility layers to keep us informed (Gas, Electric, pipelines)
- Bottom line EM would be lost without GIS and their resources!

# Addressing

- Permitting provides rough information, we measure and plot the address(this is not exact, sometimes measuring isn't always correct)
- EM creates a basic map that provided that to 911, Assessors, and GIS. (GIS drops the points into the appropriate layer)
- Communication and Coordination is vital to this process(Hwy 52 Project-42 addresses to be reassigned, google)
- NG911-Application allows stakeholders to make changes/updates to NG911 in real time.
  - [Dodge County NG911 example](#)

# Situational Awareness App



This has several features on one dashboard

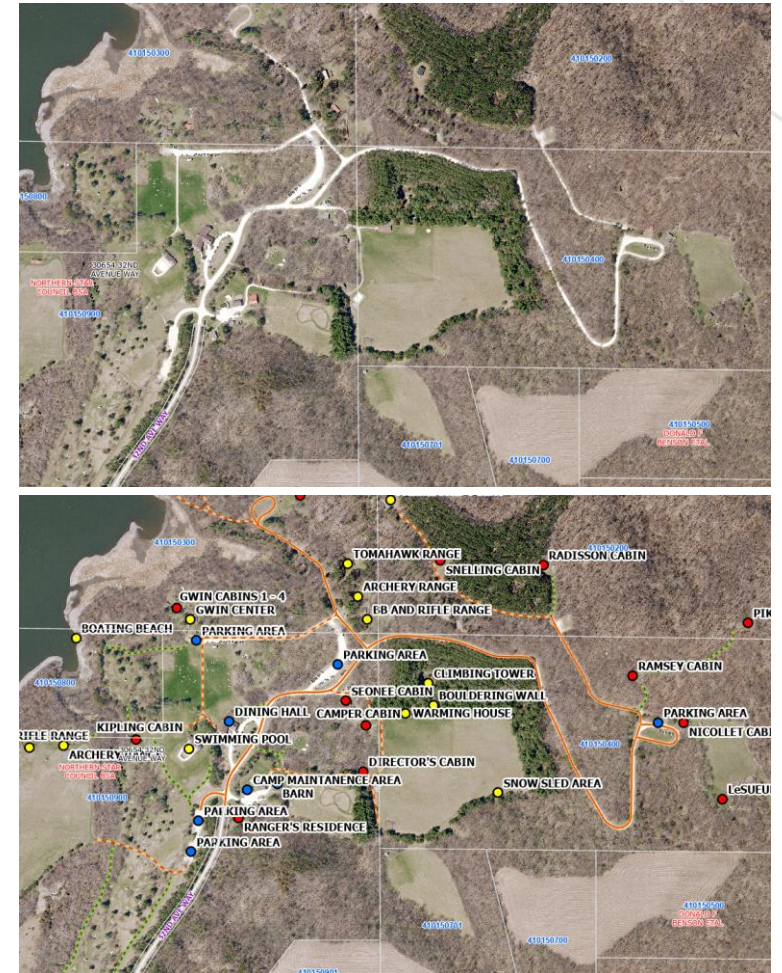
- FEMA RAPT
- EPA mapping
- ERG layer for quick evacuation mapping considerations
- Weather Integration
- Plume modeling for Radiological Emergency Preparedness event

Simple map series to show all users the same picture in one place

- [Situational Awareness](#)

# Collaboration based on needs

- Scout Camp
- Eagleview-Connect Explorer
- Cellphone Towers
- Area searches for missing people
- IPAWS/WEA Survey
  - Simple survey for public engagement
  - Asking basic phone and location questions
  - [WEA Survey Link](#)

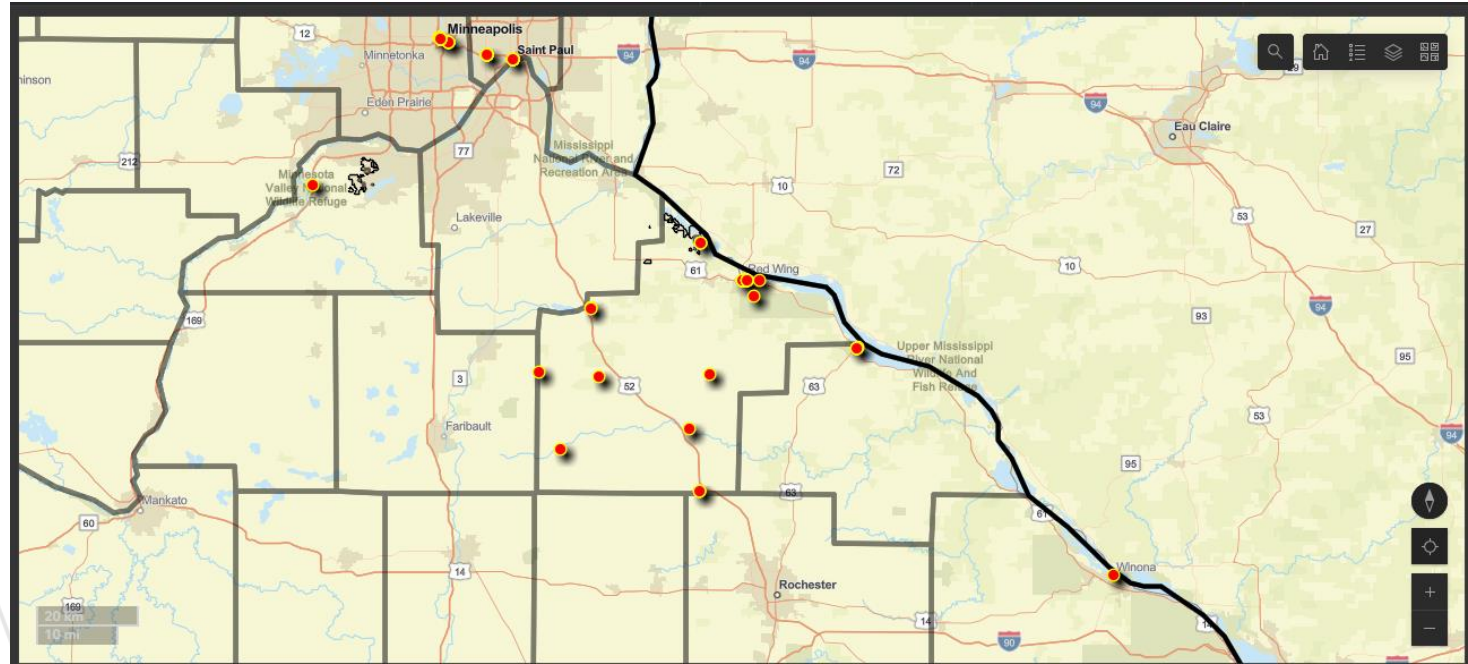


# DART Team

- Damage Assessment and Response Team
  - Needed something to supplant the paper documentation
  - Turned the document into a [Survey 123](#) for ease of access

# SEAR Dashboard

- This creates situational awareness for all public safety within our county.
- Instead of having a calendar it always provides that map to create situational awareness across our county. [SEAR Link](#)





# Contact Info

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