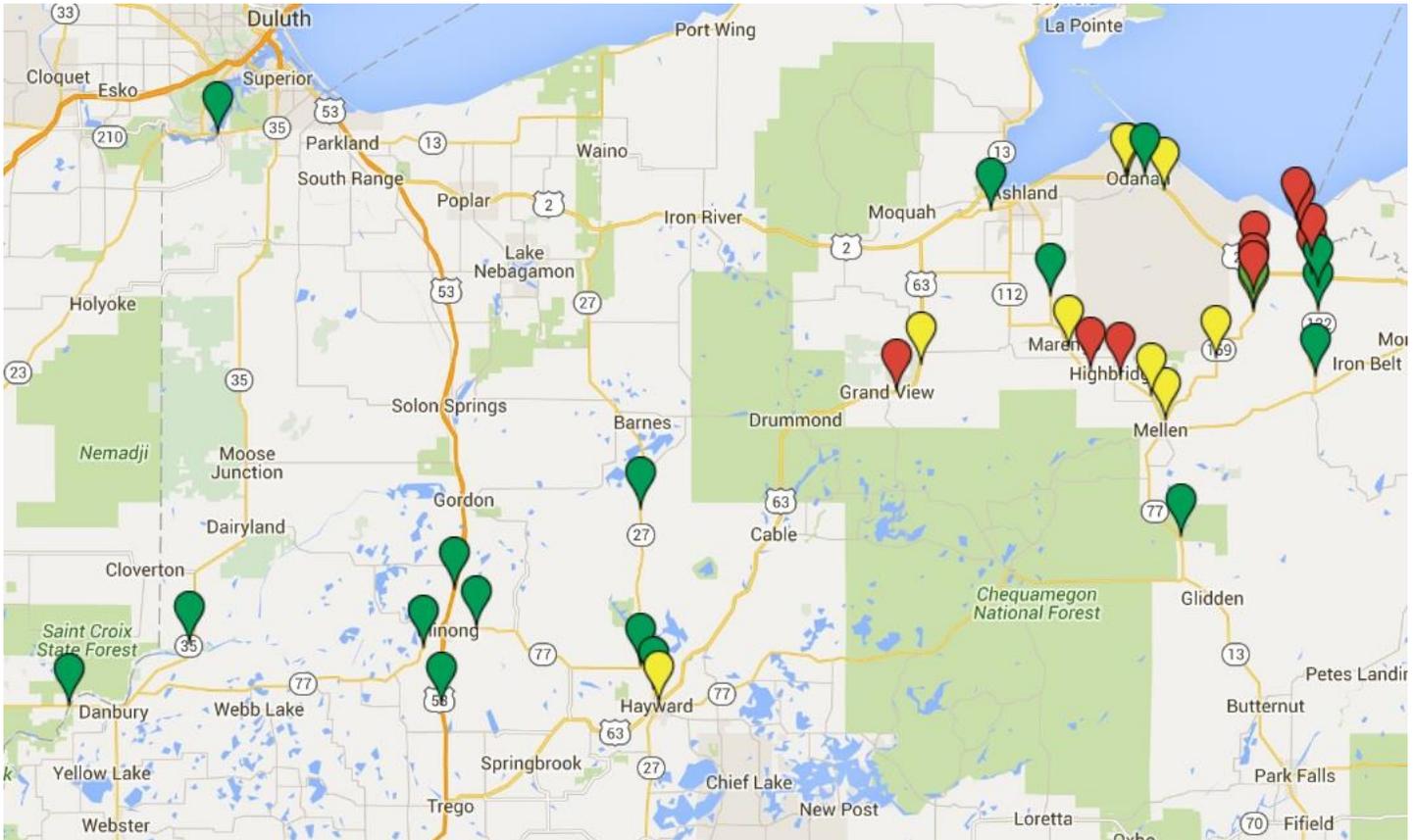




Division of Transportation System Development DOT Briefing Paper Project Name: Flooding in Northern Wisconsin July 15, 2016 – 2 PM



Map Key: Green = open to traffic; Red = Long Term Closure; Yellow = Short Term Closure

Background

Over the evening of July 11 and early morning of July 12, areas in northern Wisconsin received significant rainfall ranging between 5 to 11+ inches. Many state, county and local roadways have been impacted by flooding and washouts. Counties affected: Ashland, Bayfield, Burnett, Douglas, Iron, Price, Sawyer and Washburn. The Governor declared a state of emergency within the affected counties on July 12.

Many routes have been reopened to traffic. Below, you'll find the areas still affected by closures.

Ashland County

- US 2 east of Odanah at Caville Road and Kakagon River – roadway flooding.
- US 2 at Denomie Creek near Bad River in Odanah – culvert washout.
- WIS 13 at Trout Brook in North York between Mellen and Ashland – culvert washout.
- WIS 13 at Silver Creek in Highbridge between Mellen and Ashland – culvert washout.
- WIS 13 south of Marengo near Brunswailer Bridge – washout along roadway.
- WIS 13 at Schwiesow Road between Marengo and White River – road flooded.

Bayfield County

- US 63 near Bibon Swamp between Grand View and Mason – water over roadway.
- US 63 at Twentymile Creek near Grand View, north of Drummond – culvert washout.

Iron County

- WIS 122 closed north of US 2 to Michigan State Line. Long term closure.
- WIS 169 is closed between WIS 13 and US 2 – washouts. Long term closure.

Long-term closures (months):

The following locations may take between 1 to several months to repair. Conversations to secure emergency relief funding has already begun with FHWA.

- US 63 at Grand View (Ashland County)
- WIS 13 at two points near Highbridge (Ashland County)
- WIS 169 (Ashland and Iron Counties)
- WIS 122 north of US 2 (Iron County)

Local Public Assistance

The Department of Transportation will work with local communities to make funds available for infrastructure repair. Staff are inspecting and documenting the impacts and damages to existing infrastructure.

Flood aid information was distributed by DTIM to WCHA and Township Associations. (See Page 3.)

Next steps

County	Location	Damages/ Issues	Next Steps	Timeline	Cost Estimate
Ashland	US 2 at Kakagon River	High water, bridge unsafe	Shoulder repairs and pavement repairs.	Open July 18	\$150,000
Ashland	US 2 at Caville Road	High water across roadway	Shoulder repairs and pavement repairs.	Open July 16	\$150,000
Ashland	US 2 at Denomie Creek	Culvert washout	Shoulder repairs and pavement repairs. Repair 6 foot void under bridge slab.	Open July 16	\$200,000
Ashland	WIS 13 at Trout Brook near Highbridge	Culvert washout, 100 foot span of road missing, 30 feet deep.	Restoration of County Highway C to be used as official WIS 13 detour while permanent repairs are made. Emergency Contract will be pursued.	Detour available July 22; Bridge repairs December 1	\$2 million
Ashland	WIS 13 at Silver Creek in Highbridge	Culvert washout	Restoration of County Highway C to be used as official WIS 13 detour while permanent repairs are made. Emergency Contract will be pursued. Hope to get Contractor started September 1.	Detour available July 22; Bridge repairs December 1	\$4 million
Ashland	WIS 13 south of Marengo near Brunsweller Bridge	Washout along roadway	County will repair	Open July 22	\$50,000
Ashland	WIS 13 at Schwiesow Road	Roadway flooded	Shoulder and slope repair will be done by County	Open July 30	\$100,000
Bayfield	US 63 near Bibon Swamp	water over roadway	Fix local roads to use as official WIS Detour by July 22	Open July 22	\$120,000
Bayfield	US 63 at Twentymile Creek near Grand View	Culvert washout	Pursue an emergency contract and add improvements to give structure a lifespan of 10-12 years. Contractor selection by end of day July 15, on site Monday July 18.	Open in 4 to 5 weeks	\$500,000
Iron	WIS 122 north of US 2	Large culvert washed out	Working with contractors on bids to repair	Open in 4 to 8 weeks	\$300,000 to \$500,000
Ashland and Iron	WIS 169 between WIS 13 and US 2	Large culvert washouts Partial road washouts Shoulder washouts	North Central is lead on pursuing an emergency contract at four locations.	Open in 6 to 12 weeks	\$1.5 million to \$2 million

WisDOT Disaster Aid Summary

Actions Taken by WisDOT

- WisDOT has contacted regional staff and local stakeholders (through WCHA) to remind them of the programs and funding that may be available as well as the appropriate contacts.
 - Region staff are the first point of contact and will provide relevant information as requested.
- WisDOT is in contact with the FHWA Wisconsin office regarding the potential of requesting federal Emergency Relief (ER) funds administered by FHWA (described in the section below).

State and Federal Disaster Programs with WisDOT Administration or Participation

- Disaster Damage Aids (DDA) - \$1 million annual budget
 - Only local roads and bridges are eligible (no state or connecting highways).
 - Local governments submit petitions for aid to WisDOT regions for evaluation.
 - Petitions must be submitted within 60 days unless WisDOT provides an extension due to anticipated release of federal emergency funds or if evaluating the extent of the damage is difficult due to widespread or continuous damage.
 - Cost share is 75% state and 25% local for the cost to replace the facility and 50% state and 50% local for the cost of improvements that reduce the likelihood of future disaster damage.
 - Any federal aid received for the same damage will reduce the DDA payment.
 - The appropriation is sum-sufficient, and expenditures exceeding the budget are paid through transfers from the general fund.
 - Approval from the Governor is required to exceed \$1 million in aid payments resulting from a single disaster.
- Emergency Relief (ER) – Administered by FHWA and WisDOT
 - Requires Governor's declaration of state of emergency based on catastrophic failure or natural disaster.
 - FHWA headquarters approves eligibility based on recommendation from the FHWA Wisconsin office.
 - Roadways and structures are eligible, and debris removal, traffic management, and detour signing could also be eligible.
 - Emergency repairs are 100% federally funded within 180 days.
 - Permanent repairs are 90% federal for interstate highways and 80% federal for other federal aid eligible roads within 2 years and requires prior approval from FHWA.
 - State and local roads are eligible.
 - Roads functionally classified lower than a major collector are not eligible.
 - Minimum event damage of \$700,000 is required for approval (federal share) and damage must be at least \$5,000 per site.
- Public Assistance (PA) – Administered by FEMA and Wisconsin Emergency Management (WEM) with WisDOT participation.
 - Requires Governor's declaration of state of emergency and Presidential disaster declaration.
 - Eligibility is determined site-by-site by FEMA, WisDOT, and local representatives.
 - Damage to any publicly owned or private non-profit facilities may be eligible, including parks, buildings, utilities, and roads and bridges NOT on the federal aid system.
 - Only roads and bridges functionally classified as minor collectors or lower are eligible.
 - Grant-share arrangement is 75% FEMA, 12.5% WEM, and 12.5% local applicant with a minimum of \$1,000 per site.