

Climate Change Task Force

January 8, 2020

9:00 a.m.

Monroe County Board Assembly Room

(South Side/Oak Street Entrance)

112 S. Court Street

Sparta, WI 54656

1. Call to Order/Introductions
2. Monroe County Task Force Update
 - January 22nd, 2020 – 10am meeting for comprehensive planning
 - Website is up and running, will be posting info from meetings to this.
 - <http://www.co.monroe.wi.us/departments/land-conservation/>
 - Focusing on the little lacrosse and upper Kickapoo watersheds at first, as they have the most damage and suffered the most over the last 10 years.
3. Watershed precipitation monitoring/flood warning system – Proposal
 - Updated Cost Estimate for the Water Detection Warning and Alerting Systems:
 - ELTEC: \$10,000 – TAPCO: \$15,000
 - Project Cost Scenarios: Include startup costs, but not maintenance.
 - Project 1 - \$5,000-\$10,000
 - Project 2 – \$20,000-\$25,000
 - Project 3 – \$25,000-\$50,000
 - The National Weather Service can pull the data from our stations if they have a route into our system network.
 - Nate Young is putting together a proposal for us, and we should have those numbers for next month's meeting.
4. Funding mechanisms for implementing CCTF efforts
 - The goal is to implement these systems into two watersheds in 2020.
 - Bob has landowners interested in sharing costs with us or purchasing systems for their land.
 - Businesses, townships, farmers, landowners etc are all potential owners of systems.
 - Private Sourcing: need to create accounts more specific to where the funding is coming from, but could still be a part of Bob's account. Segregation of donators so we aren't mixing funds.
 - Grant opportunities are coming for this type of project.
 - Robin – Federal Emergency Management Funds for Mitigation, and integrating mitigation into our comprehensive planning

- Highway could be a part of the funding as well, potential avenues of funding with them as the flooding affects the county highways and structures.
- Potential Capital funding for startup costs from the WI County's Association
 - Governor's Budget Meetings are happening now, and we may be able to reach out for funding. It is a problem statewide and the topic is being talked about.
- Wisconsin Towns Association – another potential lobbyist for funding and building local support.

5. Stream crossings, designs etc... (Bobbi Jo Fischer – WDNR)

- Road Stream Crossings & Flood Resiliency Presentation:
 - “Mysteries of the Driftless” is a 28 min video that explains our area.
 - We need to make sure we are performing regular maintenance and inspections/inventories of our culverts.
 - Highway has been inventorying and inspecting our culverts.
 - Townships are inventorying and inspecting bridges.
 - Traditional Hydraulic Design Culverts:
 - Pushing floodflow through
 - In the summer when water levels are down, you may cut off the flow of stream aquatic life
 - Debris gets caught in front of these pipes as they are not very wide, which causes more maintenance
 - Need to set the pipes deep into the earth to be most effective and get the bank full width which eliminates space for water and debris coming through.
 - Cause plunge pools at the bottom of them in places
 - Ecological Design Culverts “bottomless pipes”:
 - Sometimes bottomless
 - Bank full width, spans the width of the banks of the stream/waterflow
 - This allows water to still flow through in low levels of water
 - This allows the water to go up and out onto the floodplain
 - Higher upfront costs, but they last longer and the lifetime is longer, and reduced maintenance.
 - Do not need to place as deep into the earth.
 - It is important to document the failures of our structures with reports and photos.
 - Volunteers to Survey the watersheds and crossings and then prioritize which ones should be worked on first vs others that are not as high pri. This is based off the “Prioritization Model”.
 - Inspecting waterways that are 20 ft or less as well as the ones that are 20 ft and bigger.
 - The WIDOT states the 20 ft or bigger must be looked at every 2 years and the county must have a person delegated to do these. Unless the structure is deemed emergent, then they will be looked at more often.
 - The WDNR makes themselves available for training on how to inventory and fill out the paperwork. They could provide equipment, and training.

- Could put together training for the counties, towns etc and it would be on-site training so they could show exact equipment and how to work with them.
- These must be municipally owned structures to receive help from the WDNR. If they are privately owned that will fall under another program.
 - In the north they do bus tours to include the public to see the problematic areas and discuss what needs to be done with them.
 - DARE fish habitat group
- FEMA funding is on the route to allowing for larger structures (upsizing structures) to avoid consecutive failures.
- Estimated 7% complete barriers, 51% partial barriers in the Driftless area. (Culverts?)
- Road Stream Crossings Suggested Design Considerations:
 - For streams 1% gradient or less:
 - Spans bank full width or greater
 - Set below the vertical adjustment potential of the streambed using the stream profile survey to avoid the plunge pools. (ensure the culverts are deep enough)

6. Open discussion/questions

- Cumulative Impact

7. Set next meeting date - February 12th 2020 in assembly room, 9am

Monroe County Climate Change Task Force Meeting

Date: 1/8/2020

Monroe County Climate Change Task Force Members

Name	Title	Agency
Tina Osterberg	County Administrator	Monroe County
Bob Micheel	County Conservationist	Monroe County
Alison Elliott	Zoning Administrator	Monroe County
Roxie Anderson	Land Use Planner	Monroe County
David Ohnstad	Highway Commissioner	Monroe County
Wally Habhegger	County Supervisor, District 5	Monroe County
Al McCoy	County Supervisor, District 1	Monroe County
Dave Pierce	County Supervisor, District 2	Monroe County
Jim Schroeder	County Supervisor, District 15	Monroe County
Ron Luethe	Town Supervisor -Ridgeville	Town of Ridgeville
Jack Herricks	Town Chair - Jefferson	Town of Jefferson
Bill Halfman	Agricultural Agent	UW-Extension
John Noble	Fisheries Biologist	Fort McCoy
Tonya Townsell	Public Affairs Officer	Fort McCoy
Cindy Koperski	Program and Policy Analyst	WI Dept. of Natural Resources
RED = Absent		

Additional Attendees

Name	Title	Agency
John Wetenkamp	Hydrologist	National Weather Service
Michelle Komiskey	District Conservationist	Natural Resources Conservation Service
Ned Gatzke	Resident	Town of Wells
Ann Smith	Resident	Town of Wells
Tim Welch	Village President	Village of Wilton
Marcy West	Executive Director	Kickapoo Valley Reserve
Gregg Wavrunek	Regional Representative	U.S. Senator Tammy Baldwin
Tim Hundt	Representative	U.S. Representative Ron Kind
Mary Von Ruden	County Supervisor, District 7	Monroe County
Cedric Schnitzler	County Supervisor, District 4	Monroe County
Bobbi Jo Fischer	Environmental Analysis Supervisor	WI Dept. of Natural Resources
Dan Baumann	Secretary's Director	WI Dept. of Natural Resources
Mark Van Wormer	Public Works Director	City of Sparta