Appendix F
Public Outreach &
Engagement Documentation

Steele County March / April 2017 MHMP Public Outreach Documentation

Steele County
March 16 at 6:10am · 🌐

Steele County Commissioners and Department Heads, along with the cities, utilities, hospital, CERT and CAER representatives met last night to work on the Multi-Hazard Mitigation Plan Update. Steele County Emergency Management plans and works with partners all year long in order to be prepared for any hazard. The County is ready, are you? #AreYouReady

Are You Ready?

This video was created to encourage people top prepare for disasters. It was made for a training session in Duluth Minnesota. It can be used by anyone for tr...
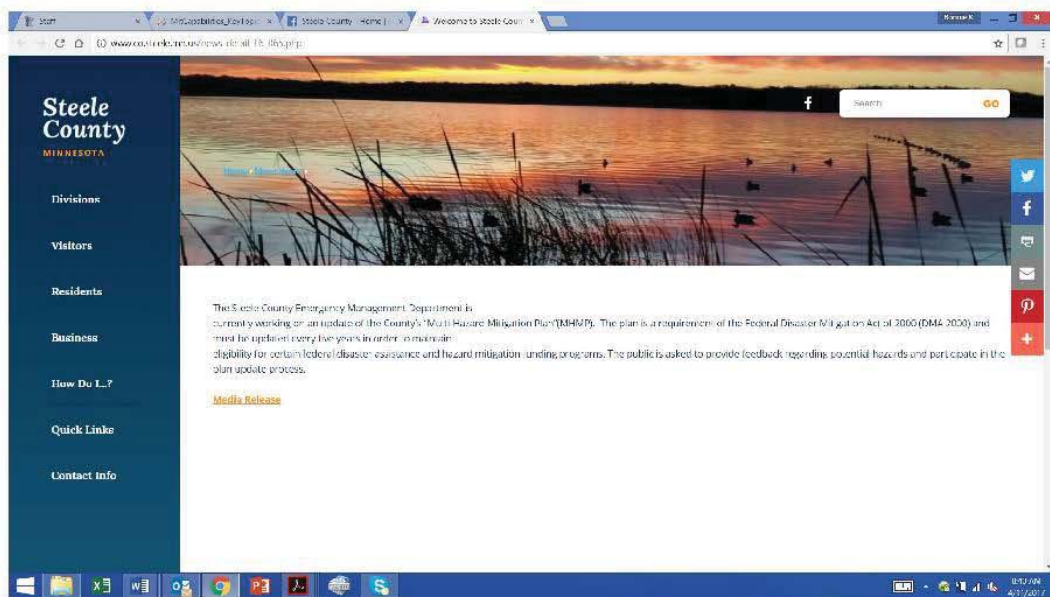
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Colleen Walburn likes this.

Steele County March / April 2017 MHMP Public Outreach Documentation

NEWS RELEASE

FOR IMMEDIATE RELEASE: April 10, 2017
CONTACT: Mike Johnson,
Steele County Emergency Management Director
mikej@ci.owatonna,.mn.us
507-444-2454

Public Feedback and Participation Invited for
Steele County 2017 Multi-Hazard Mitigation Plan Update

Steele County - The Steele County Emergency Management Department is currently working with the University of Minnesota Duluth – Geospatial Analysis Center (GAC) to prepare an update of the County's "Multi-Hazard Mitigation Plan" (MHMP). The plan is a requirement of the Federal Disaster Mitigation Act of 2000 (DMA 2000) and must be updated every five years in order to maintain eligibility for certain federal disaster assistance and hazard mitigation funding programs.

Development of the plan is under direction of the County's Emergency Management Director in cooperation with a planning team of representatives from County departments, local municipalities (city and township), school districts, and other key stakeholders such as utility providers. The planning team is responsible to provide feedback required for the plan update, including the ranking of hazards and identification of strategic, cost-effective mitigation activities that may reduce future losses for the County and individual jurisdictions. Some mitigation activities may be eligible for future FEMA Hazard Mitigation Assistance (HMA) grant funding, such as: localized flood reduction measures, property acquisition and relocation/conversion to open space, infrastructure retrofits, wildfire mitigation, and safe room construction or retrofits to provide immediate life-safety protection for people vulnerable to tornado and severe wind events.

About the Plan
The Steele County MHMP is a multi-jurisdictional plan that covers Steele County, including the cities of Blooming Prairie, Ellendale, Medford, and Owatonna. The Steele County MHMP also incorporates the concerns and needs of townships, school districts, and other stakeholders participating in the plan.

Steele County is vulnerable to a variety of potential natural disasters, which threaten the loss of life and property in the county. Hazards such as tornadoes, flooding, wildfires, blizzards, straight-line winds, ice storms, and droughts have the potential for inflicting vast economic loss and personal hardship.

According to Steele County Emergency Management Director, Mike Johnson, "Hazard mitigation planning is a central part of our emergency management program. Understanding the natural hazards that can cause serious impact to our communities and taking action to reduce or eliminate the impact of future disasters makes us more resilient. Hazard mitigation helps us to break the cycle

of damage and repair caused by things like flooding, ice storms, and severe wind events that can damage property, stress economies, and threaten life safety in our county."

Examples of hazard mitigation include actions such as improvement of roads and culverts that experience repetitive flooding; construction of safe rooms at campgrounds, parks, trailer parks or schools to protect lives in the event of tornados or severe wind events; burying powerlines that may fail due to heavy snow, ice or wind storms; ensuring timely emergency communication to the public through warning sirens and mass notification systems, and conducting public awareness and education campaigns to help people to be prepared to take safe action before, during, or following a hazard event.

Public Feedback and Participation is Encouraged
As part of the planning process, gathering input from the public is an important and required step. Steele County seeks to gather feedback from residents and businesses from across the County to incorporate into the plan:

- What are the natural hazards you feel pose the greatest risk to your community?
- Have you experienced a previous disaster event?
- What concerns do you have, and what sorts of mitigation actions or projects do you feel would help to reduce the damages of potential future events for your personal property, your community, or the County as a whole?

The public is strongly encouraged to submit your comments, concerns, or questions regarding natural disasters and potential mitigation actions to be included into the plan update process.

Please submit your feedback to Steele County Emergency Manager, Mike Johnson: (507) 444-2454 or mikej@ci.owatonna.mn.us. Comments may also be submitted via Steele County's Facebook page where this release is posted.

The public will have a continued opportunity to participate in the MHMP update in the coming months. A draft of the plan will be posted on the County website for public review, which will be followed by two public meetings held within different parts of the county. Future news releases will be shared with the media to notify the public of these opportunities.

***

Steele County Facebook: https://www.facebook.com/SteeleCountyMN/

April 11, 2017 Steele County Times

Estate

STATE OF MINNESOTA
COUNTY OF STEELE

THIRD JUDICIAL DISTRICT
DISTRICT COURT
PROBATE DIVISION

NOTICE OF AND ORDER
FOR HEARING ON PETITION
FOR FORMAL PROBATE OF
WILL AND APPOINTMENT OF
PERSONAL REPRESENTATIVE
AND NOTICE TO CREDITORS

Court File Number:
74-PR-17-527

Estate of
Lester Joseph Imker, Jr,
Decedent

It is Ordered and Notice is given that on May 8, 2017 at 10:45 a.m. ,a hearing will be held in this Court at 111 East Main, Owatonna , Minnesota, on a petition for the formal probate of an instrument purporting to be the decedent's Will dated July 6, 2016 , and for the appointment of Brenda Lee Budde , whose address is 7149 SW 92nd Avenue, Ellendale, MN 56026 as personal representative of the decedent's estate in an unsupervised administration.

Any objections to the petition must be raised at the hearing or filed with the Court prior to the hearing. If the petition is proper and no objections are filed or raised, the personal representative will be appointed with the full power to administer the decedent's estate, including the power to collect all assets; pay all legal debts, claims, taxes, and expenses; sell real and personal property; and do all necessary acts for the decedent's estate.

Notice is further given that, subject to Minn. Stat. § 524.3-801, all creditors having claims against the decedent's estate are required to present the claims to the personal representative or to the Court within four (4) months after the date of this notice or the claims will be barred.

BY THE COURT,

/s/ Joseph A. Bueltel
Judge of District Court
3/24/17

Sonia Kocher
Court Administrator
3/24/17

SMITH, TOLLEFSON,
RAHRICK & CASS
Benjamin M. Cass (#353279)
108 W Park Sq., Ste. A ~
P.O. Box 271
Owatonna, MN 55060
Telephone: (507) 451-6540
Facsimile: (507) 451-1846

4/4, 4/11

Foreclosure

instituted, that the same has been discontinued, or that an execution upon the judgment rendered therein has been returned unsatisfied, in whole or in part.
PURSUANT, to the power of sale contained in said mortgage, the above described property will be sold by the Sheriff of said county as follows:
DATE AND TIME OF SALE: May 30, 2017 at 10:00 AM
PLACE OF SALE: Steele County Sheriff's Office, Law Enforcement Center, 204 Pearl Street East, Owatonna, Minnesota
to pay the debt then secured by said mortgage and taxes, if any actually paid by the mortgagee, on the premises and the costs and disbursements allowed by law. The time allowed by law for redemption by said mortgagor(s), their personal representatives or assigns is six (6) months from the date of sale.
TIME AND DATE TO VACATE PROPERTY: Unless said mortgage is reinstated or the property redeemed, or unless the time for redemption is reduced by judicial order, you must vacate the premises by 11:59 p.m. on November 30, 2017.

THE TIME ALLOWED BY LAW FOR REDEMPTION BY THE MORTGAGOR, THE MORTGAGOR'S PERSONAL REPRESENTATIVES OR ASSIGNS, MAY BE REDUCED TO FIVE WEEKS IF A JUDICIAL ORDER IS ENTERED UNDER MINNESOTA STATUTES, SECTION 582.032, DETERMINING, AMONG OTHER THINGS, THAT THE MORTGAGED PREMISES ARE IMPROVED WITH A RESIDENTIAL DWELLING OF LESS THAN FIVE UNITS, ARE NOT PROPERTY USED IN AGRICULTURAL PRODUCTION, AND ARE ABANDONED.

MORTGAGOR(S) RELEASED FROM FINANCIAL OBLIGATION ON MORTGAGE: None

Dated: April 5, 2017

WELLS FARGO BANK,
N.A. Mortgagee

THE ACADEMY
LAW GROUP, P.A.

By: /s/

Public aid sought for county multi-hazard mitigation plan update

Steele County - The Steele County Emergency Management Department is currently working with the University of Minnesota Duluth – Geospatial Analysis Center (GAC) to prepare an update of the County's "Multi-Hazard Mitigation Plan" (MHMP). The plan is a requirement of the Federal Disaster Mitigation Act of 2000 (DMA 2000) and must be updated every five years in order to maintain eligibility for certain federal disaster assistance and hazard mitigation funding programs.

Development of the plan is under direction of the County's Emergency Management Director in cooperation with a planning team of representatives from County departments, local municipalities (city and township), school districts, and other key stakeholders such as utility providers. The planning team is responsible to provide feedback required for the plan update, including the ranking of hazards and identification of strategic, cost-effective mitigation activities that may reduce future losses for the County and individual jurisdictions. Some mitigation activities may be eligible for future FEMA Hazard Mitigation Assistance (HMA) grant funding, such as: localized flood reduction measures, property acquisition and relocation/conversion to open space, infrastructure retrofits, wildfire mitigation, and safe room construction or retrofits to provide immediate life-safety protection for people vulnerable to tornado and severe wind events.

About the Plan

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Examples of hazard mitigation include actions such as improvement of roads and culverts that experience repetitive flooding; construction of safe rooms at campgrounds, parks, trailer parks or schools to protect lives in the event of tornados or severe wind events; burying powerlines that may fail due to heavy snow, ice or wind storms; ensuring timely emergency communication to the public through warning sirens and mass notification systems, and conducting public awareness and education campaigns to help people to be prepared to take safe action before, during, or following a hazard event.

Public Feedback and Participation is Encouraged

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• What are the natural hazards you feel pose the greatest risk to your community?

• Have you experienced a previous disaster event?

• What concerns do you have, and what sorts of mitigation actions or projects do you feel would help to reduce the damages of potential future events for your personal property, your community, or the County as a whole?

The public is strongly encouraged to submit your

Benjamin M. Cass (#353279)
108 W Park Sq., Ste. A ~
P.O. Box 271
Owatonna, MN 55060
Telephone: (507) 451-6540
Facsimile: (507) 451-1846

4/4, 4/11

Foreclosure

NOTICE OF MORTGAGE FORECLOSURE SALE

THE RIGHT TO VERIFICATION OF THE DEBT AND IDENTITY OF THE ORIGINAL CREDITOR WITHIN THE TIME PROVIDED BY LAW IS NOT AFFECTED BY THIS ACTION.

NOTICE IS HEREBY GIVEN: That default has occurred in the conditions of the following described mortgage:
MORTGAGOR(S): Benjamin T. Flemke and Nicole L. Cunningham a/k/a Nicole L. Flemke, both single people
MORTGAGEE: Wells Fargo Bank, N.A.
ASSIGNMENTS OF MORTGAGE: Assigned to: None.
ORIGINAL PRINCIPAL AMOUNT OF MORTGAGE: $105,650.00
DATE OF MORTGAGE: November 16, 2004
DATE AND PLACE OF FILING: Recorded on November 18, 2004 as Document Number A000327386 in the Office of the County Recorder of Steele County, Minnesota.
THE AMOUNT CLAIMED TO BE DUE ON THE MORTGAGE ON THE DATE OF THE NOTICE: $86,860.07
LEGAL DESCRIPTION OF PROPERTY: Lot 18 in Block 1 in O`Briens Addition to the City of Owatonna Minnesota. Except; the North 50 feet of said Lot 18, intending to release the South 8 1/4 feet of vacated alley and North 41 3/4 feet of said Lot 18, Steele County, Minnesota
STREET ADDRESS OF PROPERTY: 508 MOUND STREET, OWATONNA, MN 55060-2828
COUNTY IN WHICH PROPERTY IS LOCATED: Steele County, Minnesota
TRANSACTION AGENT: None
NAME OF MORTGAGE ORIGINATOR: Wells Fargo Bank, N.A.
RESIDENTIAL SERVICER: Wells Fargo Bank, N.A.
TAX PARCEL IDENTIFICATION NUMBER: 17-127-0121
TRANSACTION AGENT'S MORTGAGE IDENTIFICATION NUMBER: None
THAT no action or proceeding has been instituted at law to

WELLS FARGO BANK, N.A. Mortgagee

THE ACADEMY LAW GROUP, P.A.

By: /s/

Rebecca F. Schiller, Esq.
N. Kibongni Fondungallah, Esq.
Samuel R. Coleman, Esq.
Attorneys for Mortgagee
The Academy Professional Building
25 North Dale Street
St. Paul, MN 55102
(651) 209-9760
(17-0408-FC01)

THIS IS A COMMUNICATION FROM A DEBT COLLECTOR.

4/11, 4/18, 4/25
5/2, 5/9, 5/16

people vulnerable to tornado and severe wind events.

About the Plan

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The public is strongly encouraged to submit your comments, concerns, or questions regarding natural disasters and potential mitigation actions to be included into the plan update process.

Please submit your feedback to Steele County Emergency Manager, Mike Johnson: (507) 444-2454 or mikej@ci.owatonna.mn.us. Comments may also be submitted via Steele County's Facebook page where this release is posted.

The public will have a continued opportunity to participate in the MHMP update in the coming months. A draft of the plan will be posted on the County website for public review, which will be followed by two public meetings held within different parts of the county. Future news releases will be shared with the media to notify the public of these opportunities.

Steele County Facebook posting of Public News Release (9/6/17)

Steele County Website Posting of News Release (9/6/17)

Steele County has completed an updated draft of the County's Multi-Hazard Mitigation Plan (MHMP) as required by the Federal Disaster Mitigation Action of 2000 (DMA 2000). Local Jurisdications are required to update the plan every five years to remain eligible for pre-disaster and post-disaster mitigation grant programs.

Media Release

Media Release link leads to news release on county letterhead.

STEELE COUNTY NEWS RELEASE

September 5, 2017
Contact: Mike Johnson
Steele County Emergency Management Director
mikej@ci.owatonna.mn.us
507-444-2454

Public Review and Feedback Invited for
Steele County's Multi-Hazard Mitigation Plan

Steele County has completed an updated draft of the of the County's Multi-Hazard Mitigation Plan (MHMP) as required by the Federal Disaster Mitigation Act of 2000 (DMA 2000). Local jurisdictions are required to update the plan every five years to remain eligible for pre-disaster and post-disaster mitigation grant programs.

Community involvement and feedback are vital to the success of the plan. Steele County invites public review and feedback of the draft plan prior to submitting it to the State of Minnesota and the Federal Emergency Management Agency (FEMA) for review. A copy of the draft MHMP and a survey for public feedback is available online at https://scse.d.umn.edu/steele-county-mhmp. The plan review and comment period will be open until Wednesday, September 20.

About the Plan
The Steele County MHMP is a multi-jurisdictional plan that covers Steele County, including the cities of Blooming Prairie, Ellendale, Medford, and Owatonna. The Steele County MHMP also incorporates the concerns and needs of townships, school districts, and other stakeholders participating in the plan.

Steele County is vulnerable to a variety of potential natural disasters, which threaten the loss of life and property in the county. The plan addresses how to mitigate against hazards such as tornadoes, flooding, wildfires, blizzards, straight-line winds, ice storms, and droughts which have the potential for inflicting vast economic loss and personal hardship.

Update of the plan has been under direction of Steele County Emergency Management in cooperation with the University of Minnesota Duluth – Geospatial Analysis Center and representatives from County departments, local municipalities (city and township), school districts, and other key stakeholders such as utility providers. Together, the planning team worked to identify cost-effective and sustainable actions to reduce or eliminate the long-term risk to human life or property from natural hazards. Some examples include improvement of roads and culverts that experience repetitive flooding; construction of safe rooms at campgrounds, public parks, mobile home parks or schools to protect lives in the event of tornados or severe wind events; burying powerlines that may fail due to heavy snow, ice or wind storms;

ensuring timely emergency communication to the public through warning sirens and mass notification systems, and conducting public awareness and education campaigns to help people be prepared to take safe action before, during, or following a hazard event.

The Benefits of Hazard Mitigation Planning

Hazard mitigation planning ultimately helps us protect Steele County residents. By working with local communities we can identify vulnerabilities and develop strategies to reduce or eliminate the effects of a potential hazard. In addition, increasing public awareness of local hazards and disaster preparedness helps to create a community that is resilient to disaster, and breaks the cycle of response and recovery. Update of the plan will further allow the county and its jurisdictions to apply for eligible projects under future Hazard Mitigation Assistance (HMA) grant funding from FEMA for projects that are cost-effective and will help to reduce or eliminate impacts of future natural disaster events.

Contact

For questions on the Steele County MHMP please contact Mike Johnson Steele County Emergency Management Director: Phone: (507) 444-2454 or Email: mikej@ci.owatonna.mn.us.

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Steele County Facebook: https://www.facebook.com/SteeleCountyMN/

County seeks public comment on disaster mitigation plan

By WILLIAM MORRIS
wmorris@owatonna.com

OWATONNA — For the next week, Steele County residents have a chance to weigh in on how the county prepares for future disasters.

Emergency Management Director Mike Johnson is inviting public comment on the county's Multi-Hazard Mitigation Plan, which lays out the major risks from natural disasters and the county's plans to mitigate them. The full plan and a comment form will be available online through Sept. 20.

"Mitigation is one of the functions of emergency management and the intent is to identify hazards or problems within our four cities and the county that can be mitigated to prevent further damage," Johnson said. "The classic example is, we have flooding, and do we continue to put money into repairing homes and property that's been damaged by flooding, or do we look at options to mitigate the hazard so we don't have to keep spending money in the future to do that?"

Johnson prefers the latter option.

"The mitigation program is a good program, because we can actually eliminate the problem associated with that hazard," he said. "By spending funds to do that, we can save lives, but also save property, and the end goal of the program is to save money. Spend money now, so we don't have to spend more money later."

All emergency management officials are required to submit updated mitigation plans every five years in order to be eligible for mitigation funding through the Federal Emergency Management Agency, which has been used in the past for such projects as renovating the Owatonna Public Utilities building with a flood-resistant basement, which saved the building from major harm in last September's floods. Johnson pointed to that and other historical data as evidence that mitigation projects pay off.

See PLAN on 5A

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proposed budget and levy, they have until December to finalize it.

"Approving this budget, that's the max we can go," Mayor H. Peterson reminded the council. "We can always reduce it later, but we cannot go higher."

The public meeting to discuss the budget and levy for 2018 will be held during the council's regular December meeting on Monday, Dec. 18, at 7 p.m. During that time the public is allowed to ask questions and share their opinions on the proposed items before the final budget and levy is adopted.

"This year we're going to have a lot of variables," Jones added about finalizing a budget.

Workers place sandbags around a traffic light control box in the path of rising floodwaters on Sept. 22, 2016. The county's multi-hazard mitigation plan, which is available for public comment through next week, includes the objective, "Work with the City of Owatonna to address raising control panels for traffic lights above flood level" and notes that only one control panel still needs to be so lifted. (Press file photo)

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school, and we did that."

The end of October is the "date of completion" for the middle school, and the plan to have an open house Oct. 30 for the community from 4-8 p.m., he said. The open house for McKinley Elementary will also be that day in the same timeframe.

Many workers are pulling 3-11 p.m. shifts now that school is back in session, while others are working during the day executing non-intrusive maneuvers, Olson said.

"It's not like last year when we had jackhammers going in here," he said.

As part of accommodating the addition of sixth graders this year, the school added a third serving line and a fourth lunch period, Sullivan

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trict's director of buildings and grounds. "This **is a state-of-the-art kitchen."**

said. Lunch periods last 30 minutes and occur in a renovated and improved cafeteria and commons space.

The kitchen also has plenty of new equipment, and it's been expanded, Olson said. "This is a state-of-the-art kitchen."

The hope is for the new fitness room to be completed by Friday, he said. There will be room for an aerobic area, too, not only machinery.

The preponderance of equipment was donated by Cybex, Sullivan said. In addition to physical education classes, that fitness room will house a strength

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Construction also continues at other buildings in the district, like Lincoln Elementary and Washington Elementary, where new gyms and art and music areas are slated to be finished by Thanksgiving, and McKinley, where the front office is not complete, Olson said. That front area at McKinley remains a construction zone, taped off to keep away students or staff.

Next summer will also see district construction, although obviously on a much smaller scale than this year, Olson said. For example, Washington will get a new kitchen and gym floor, while the middle school will receive HVAC improvements.

See TOUR on 3A

https://scse.d.umn.edu/steele-county-mhmp

Appendix G
Mitigation Actions by Jurisdiction

Table G - 1. Mitigation Actions Identified for Implementation by the City of Blooming Prairie (2017-2021) (From Steele County Master Mitigation Action Chart)

#	Hazard	Mitigation Strategy	City of Blooming Prairie Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	County/City Comments on Planning Mechanisms for Implementation	Possible Funding
1	All-Hazards	Education & Awareness Programs	Work to ensure that all Steele County residents are aware of and sign-up for the Everbridge emergency notification system.	Ongoing	High	2017-2021	Steele County, **Blooming Prairie**, Ellendale, Medford, Owatonna	SC Emergency Management in coordination with local city and township government	This is a standing effort of the Steele County Emergency Management Program. Sign-up for Everbridge is available on the Steele County Emergency Management website and reminders are also put out via Facebook. Cities also work to promote sign-up by local residents by sharing information on city websites and announcements at public meetings. The Steele County CERT (Community Emergency Response Team) may be used to help encourage residents to sign up for Everbridge and understand the different options when registering for this service.	County Budget
2	All-Hazards	Mitigation Preparedness & Response Support	Ensure that Steele County and its cities have multiple methods established to relay emergency notifications to all segments of the public.	Ongoing	High	2017-2021	Steele County, **Blooming Prairie**, Ellendale, Medford, Owatonna	SC Emergency Management in coordination with City Emergency Managers	Steele County residents receive emergency warnings through the PSAP with IPAWs, the Everbridge Emergency Warning System, NOAA All- Hazard Radios, and through the outdoor emergency warning siren system using voice and siren. The County also addresses the language barriers in communicating disaster preparedness information and disaster warnings to non-English population groups. This information is provided through ECHO (Emergency Communication Health Outreach). ECHO increases access to life-saving emergency information by facilitating efficient mass-media messaging in multiple languages.	County/City Budgets

#	Hazard	Mitigation Strategy	City of Blooming Prairie Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	County/City Comments on Planning Mechanisms for Implementation	Possible Funding
6	All-Hazards	Education & Awareness Programs	Work to promote emergency preparedness for local residents.	Ongoing	High	2017-2021	Steele County, **Blooming Prairie**, Ellendale, Medford, Owatonna	SC Emergency Management in coordination with City EM's	This is a standing effort of the Steele County Emergency Management Program. The County provides emergency preparedness presentations to cover information such as developing family emergency plans, develop go-kits, push for Everbridge sign up, etc. City EM's also work to provide this same information at the local level.	County/City Budgets
7	Severe Winter & Summer Storms	Mitigation Preparedness and Response Support	Ensure that plans are in place for emergency sheltering and that designated shelter facilities are identified.	Ongoing	High	2017-2021	Steele County, **Blooming Prairie**, Ellendale, Medford, Owatonna	SC Emergency Management in coordination with City EM's	Steele County has a shelter plan and has trained CERT members how to open the shelter at the National Guard Armory in Owatonna. The Armory is a State-designated shelter facility, and helps to ensure our preparedness to meet the needs of local residents and travelers.	County/City Funding
9	Severe Winter & Summer Storms	Mitigation Preparedness and Response Support	Identify critical facilities or infrastructure that do not have backup power in the event of a major power outage resulting from severe winter or summer storms. (Critical facilities may include: police/fire departments, EOC, health care facilities, water & sewer treatment facilities, and other facilities deemed as critical, i.e. public schools and sheltering facilities).	New	High	2017-2021	Steele County, **Blooming Prairie**, Ellendale, Medford, Owatonna	SC Emergency Management, City Admin & Public Works	County buildings (Admin & SCHA) are high priorities for backup generators in the event of a power outage. The County Admin building serves as a hub for County operations (IT, Treasurer, Board of Commissioners, P&Z, Assessors, etc.) and will serve as a command center in the event of a disaster. City jurisdictions have also identified a need for backup power for government buildings or other critical facilities or infrastructure.	County/City budgets

#	Hazard	Mitigation Strategy	City of Blooming Prairie Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	County/City Comments on Planning Mechanisms for Implementation	Possible Funding
10	Severe Winter & Summer Storms	Mitigation Preparedness and Response Support	Purchase and install generator hook-ups and encourage local generator purchases for identified critical facilities that require backup power.	New	High	2017-2021	Steele County, **Blooming Prairie**, Ellendale, Medford, Owatonna	SC Emergency Management, City Admin & Public Works	Steele County, local city governments, and schools will evaluate feasibility to purchase and install generators for key facilities.	County/City Budgets **Possible FEMA HMA 5% Initiative Funding for Generators**
11	Severe Winter & Summer Storms	Mitigation Preparedness & Response Support	Work to ensure that all cities have battery backup on traffic lights and warning sirens in the event of power outages from severe winter/ summer storms.	New	Moderate	2017-2021	Steele County, **Blooming Prairie**, Ellendale, Medford, Owatonna	SC Emergency Management, City Admin & Public Works	All the traffic lights in the City of Owatonna have battery backup on traffic lights. *The City of Blooming Prairie will look into adding battery backup to two of our older sirens. (Currently two have battery backup).*	County/City Budgets
12	Severe Winter & Summer Storms	Structure and Infrastructure Projects	Work with rural electrical coops and municipal utilities to identify and address mitigation measures for above ground power lines that are susceptible to damage from severe storms (i.e., strengthening/burying) in order to reduce potential power outages.	New	High	2017-2021	Steele County, **Blooming Prairie**, Ellendale, Medford, Owatonna	Steele-Waseca Cooperative Electric in cooperation with Steele County and city municipal utilities (Owatonna P.U. and Blooming Prairie P.U.)	The (Steele-Waseca Cooperative Electric) SWCE continues to protect the electrical distribution system by continuously doing line and pole inspections, trimming trees and vegetation that imperil power lines and inspecting underground power lines. SWCE will look for opportunities to protect the power distribution system by reinforcing transmission lines or burying lines underground when feasible. The Steele County Emergency Manager, Utilities and CAER group continue to work with the County Planning Commission and staff to modify county subdivision regulations to require burial of all new power distribution lines before any new subdivision plats will be approved, if feasible.	Electric Coop Funding, **Possible FEMA HMA funding for Infrastructure Retrofit**, Rural Utility Service (RUS), and CSC funding

#	Hazard	Mitigation Strategy	City of Blooming Prairie Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	County/City Comments on Planning Mechanisms for Implementation	Possible Funding
14	Severe Winter & Summer Storms	Mitigation Preparedness and Response Support	Promote the use of NOAA weather radios as a key communications resource for residents, businesses, and facilities that house vulnerable populations (i.e., nursing homes, group homes, senior centers, and day care facilities).	Ongoing	High	2017-2021	Steele County, **Blooming Prairie**, Ellendale, Medford, Owatonna	SC Emergency Management in coordination with City EM's	This is a standing effort of the Steele County Emergency Management Program. Grant funding was used to provide NOAA All Hazard Weather Radios in Schools and Public Gathering Points in Owatonna. Weather Radios have been promoted through SKYWARN and anyone that purchases a NOAA Weather Radio can drop it off at the Owatonna Fire Station and SKYWARN members will program it for free to the Steele County Codes. Promotion of the value of NOAA weather radios is also a part of Steele County's annual participation in the NWS spring and winter Severe Weather Awareness Weeks in April and November.	County/City Budgets
15	Severe Winter & Summer Storms	Natural Systems Protection	Work with municipal and rural coop utility companies to inventory, trim, or cut down trees that are growing by electric lines to reduce risk of power outages during winter or summer storms.	Ongoing	High	2017-2021	Steele County, **Blooming Prairie**, Ellendale, Medford, Owatonna	SC Highway Department, City EM's, Steele-Waseca Cooperative Electric, and municipal utilities (Owatonna P.U. and Blooming Prairie P.U.)	This is an ongoing effort of Steele County Public Works in cooperation with utilities. Keeping power lines clear of trees will help to reduce the risk of power outages from downed lines during storms.	City Municipal Utility and Rural Utility Coop Funding

#	Hazard	Mitigation Strategy	City of Blooming Prairie Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	County/City Comments on Planning Mechanisms for Implementation	Possible Funding
17	Severe Summer Storms	Mitigation Preparedness & Response Support	Provide/participate in the National Weather Service's SKYWARN "Storm Spotter" training in various parts of the County for first responders and community residents.	Ongoing	High	2017-2021	Steele County, **Blooming Prairie**, Ellendale, Medford, Owatonna	Emergency Management in collaboration with local cities and NWS	This is a standing part of the Steele County Emergency Management Program. Steele County has trained National Weather Service SKYWARN Instructors who provide annual training sessions for community volunteers, law enforcement, and fire departments. We will continue to encourage more volunteers to become active in the severe storm spotters network (SKYWARN, CERT, Ham Radio, etc.).	County Budget and NWS funding to deliver program
19	Severe Summer Storms	Structure and Infrastructure Projects	Identify areas where vulnerable populations are susceptible to tornadoes or extreme wind events (i.e. schools, campgrounds, or RV/mobile home parks) and evaluate for construction or retrofit of safe rooms or storm shelters.	Ongoing	High	2017-2021	Steele County, **Blooming Prairie**, Ellendale, Medford, Owatonna and School Districts	Emergency Management, HC Public Health, in coordination with townships and local cities	Tornadoes are one of the top ranked natural hazard that pose risk to Steele County. Steele County Emergency Management and City Emergency Managers will work to identify where safe room construction or retrofit is needed and may be feasible and work to explore advancing a safe room project. *The City of Blooming Prairie does not have a community safe room, and this is a priority concern for our city. We will evaluate where one may be appropriate to meet the needs of vulnerable residents or visitors.*	County/City budgets

#	Hazard	Mitigation Strategy	City of Blooming Prairie Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	County/City Comments on Planning Mechanisms for Implementation	Possible Funding
20	Severe Summer Storms	Structure and Infrastructure Projects	Implement construction or retrofit projects for safe rooms or storm shelters in identified vulnerable locations.	Ongoing	High	2017-2021	Steele County, **Blooming Prairie**, Ellendale, Medford, Owatonna and School Districts	SC Emergency Management, HC Public Health, in coordination with townships and local cities	Any community safe room projects that the County is involved in will be part of the Steele County Emergency Management program. SC Emergency Management will work with any school or jurisdiction seeking to develop an application to FEMA for a safe room project. *Construction of a community safe room is a priority for the City of Blooming Prairie. The city will work to evaluate the feasibility of constructing a community safe room and will make an application to FEMA if a decision is made to pursue implementation.*	County/City Budgets, **Possible FEMA HMA funding for Safe Room Construct-ion**
21	Severe Summer Storms	Mitigation Preparedness & Response Support	Upgrade the warning siren paging system to newer technologies, and identify areas for voice sirens.	Ongoing	High	2017-2021	Steele County, **Blooming Prairie**, Ellendale, Medford, Owatonna	SC Emergency Management in coordination with townships and local cities	New outdoor emergency warning sirens were installed in Ellendale, Blooming Prairie and Owatonna. In Owatonna the siren system was completely replaced with new sirens and voice sirens were installed at Lake Kohlmeyer, Downtown, the water park and at the Steele County Fairgrounds. A new voice siren was also recently installed at the Brooktree Golf course.	County Budget
26	Flooding	Local Planning & Regulations	Upgrade the Steele County and local city culvert plans and prioritize most vulnerable areas. Include buffer strips in most vulnerable areas.	Ongoing	High	2017-2021	Steele County, **Blooming Prairie**, Ellendale, Medford, Owatonna	SC Highway Dept., SC Public Works	This is a standing effort of the Steele County Highway Department and local city Public Works programs.	County /City Budgets

#	Hazard	Mitigation Strategy	City of Blooming Prairie Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	County/City Comments on Planning Mechanisms for Implementation	Possible Funding
27	Flooding	Structure and Infrastructure Projects	Identify areas of concern at areas around bridges and culverts to mitigate erosion and soil stabilization issues.	Ongoing	High	2017-2021	Steele County, **Blooming Prairie**, Ellendale, Medford, Owatonna	SC Highway Dept., SC Public Works, City & Township public works	This is a standing effort of the Steele County Highway Department/Public Works and of each city's public works department.	County/City/ Township Budgets
28	Flooding	Local Planning & Regulations	Identify, map, and prioritize roads in the County and cities & townships that are impacted by flood events, and implement required mitigation measures to reduce future flood damages.	Ongoing	High	2017-2021	Steele County, **Blooming Prairie**, Ellendale, Medford, Owatonna, All Townships	SC Highway Dept., SC Public Works, SC GIS, and local city and township public works	This is a standing effort of the Steele County Highway Department/Public Works.	County/City Budgets, State Aid Funding, **Possible FEMA HMA funding for Localized Flood Reduction Projects**
29	Flooding	Local Planning & Regulations	Develop stormwater management plans and improve stormwater management systems at the county and city level.	Ongoing	New	2017-2021	Steele County, **Blooming Prairie**, Ellendale, Medford, Owatonna, All Townships	SC Envr. Services, SC SWCD and local city public works depts., MN DNR, MPCA, and Watershed Districts	Steele County maintains a County Water Plan and a Watershed Plan which both address stormwater management planning and projects. The County is working to identify upland areas to hold water to help reduce the impact of stormwater flow.	County/ SWCD budgets, Clean Water Fund, Possible MPCA/PFA grant funding
30	Flooding	Local Planning & Regulations	Ensure that wellhead protection plans are in place to address flooding that may lead to contaminated drinking water.	New	High	2017-2021	Steele County, **Blooming Prairie**, Ellendale, Medford, Owatonna	SC Public Works, SC SWCD, MN Dept of Health and local city and township public works depts.	Cities work directly with the Minnesota Department of Health on the development or update of wellhead protection plans to ensure they meet State requirements.	MDH Source Water Protection grant funding for wellhead improvement projects

#	Hazard	Mitigation Strategy	City of Blooming Prairie Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	County/City Comments on Planning Mechanisms for Implementation	Possible Funding
32	Flooding/ Erosion	Natural Systems Protection	Work to reduce erosion to streambanks and bridges due to flooding throughout the County.	Ongoing	High	2017-2021	Steele County, **Blooming Prairie**, Ellendale, Medford, Owatonna	SC Highway Dept., SC Public Works in coordination with local city EM's, Public Works depts., and Watershed Districts	Steele County and many communities experience high erosion due to flooding, including impacts to bridge areas and streambanks being severely cut away. Steele County and each city is working to identify and implement measures to reduce erosion. We will work in coordination with the Watershed Districts.	County/City Budgets, **Possible FEMA grant funding for Localized Flood Reduction Projects**
34	Flooding	Education & Awareness Programs	Work to provide education to homeowners in all cities on green infrastructure methods to assist in local stormwater management.	New	High	2017-2021	Steele County, **Blooming Prairie**, Ellendale, Medford, Owatonna	SC SWCD, SC P&Z, and local city Public Works	The Steele County SWCD provides information and technical assistance as needed to communities to learn about and implement green infrastructure projects to help reduce localized flood damages and reduce erosion.	SWCD budget, **Possible FEMA Funding for Green Infrastruct-ure Projects**

Table G - 2. Additional Mitigation Actions Identified for the City of Blooming Prairie for Specific Implementation by the City

#	Hazard	Mitigation Strategy	City of Blooming Prairie Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	City Comments on Planning Mechanisms for Implementation	Possible Funding
1	Severe Winter & Summer Storms	Mitigation Preparedness & Response Support	Conduct study of the City's electrical system to identify necessary improvements to protect against power failure and improve safety in the city. Upgrade system and install new services based on the study and community needs.	Ongoing	High	2017-2021	City of Blooming Prairie	Blooming Prairie P.U., City Planning & Public Works	This is an ongoing mitigation action of the City of Blooming Prairie. A study of the city's complex distribution will analyze the whole electrical system; equipment (capacitors, transformers, conductor), outage records, critical loads, load management, projected loads and development, upcoming road construction (state and local), and sub-station information to identify critical loads. Study will result in some future mitigation projects: sort out weak point areas to be protected, more grounding, more lightning protection, and more safety.	City Budget
2	Severe Winter & Summer Storms	Flooding	Address localized flooding issues tied to local stormwater management within the City.	New	High	2017-2021	City of Blooming Prairie	City Planning & Public Works	The City wishes to eliminate sewer cross connections and street flooding along 2nd Street South. Additional funding is needed for the City to implement this project.	Possible MPCA/PFA grant funding

Table G - 3. Mitigation Actions Identified for Implementation by the City of Ellendale (2017-2021) (From Steele County Master Mitigation Action Chart)

#	Hazard	Mitigation Strategy	City of Ellendale Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	County/City Comments on Planning Mechanisms for Implementation	Possible Funding
1	All-Hazards	Education & Awareness Programs	Work to ensure that all Steele County residents are aware of and sign-up for the Everbridge emergency notification system.	Ongoing	High	2017-2021	Steele County, Blooming Prairie, **Ellendale**, Medford, Owatonna	SC Emergency Management in coordination with local city and township government	This is a standing effort of the Steele County Emergency Management Program. Sign-up for Everbridge is available on the Steele County Emergency Management website and reminders are also put out via Facebook. Cities also work to promote sign-up by local residents by sharing information on city websites and announcements at public meetings. The Steele County CERT (Community Emergency Response Team) may be used to help encourage residents to sign up for Everbridge and understand the different options when registering for this service.	County Budget
2	All-Hazards	Mitigation Preparedness & Response Support	Ensure that Steele County and its cities have multiple methods established to relay emergency notifications to all segments of the public.	Ongoing	High	2017-2021	Steele County, Blooming Prairie, **Ellendale**, Medford, Owatonna	SC Emergency Management in coordination with City Emergency Managers	Steele County residents receive emergency warnings through the PSAP with IPAWs, the Everbridge Emergency Warning System, NOAA All- Hazard Radios, and through the outdoor emergency warning siren system using voice and siren. The County also addresses the language barriers in communicating disaster preparedness information and disaster warnings to non-English population groups. This information is provided through ECHO (Emergency Communication Health Outreach). ECHO increases access to life-saving emergency information by facilitating efficient mass media messaging in multiple languages.	County/City Budgets

#	Hazard	Mitigation Strategy	City of Ellendale Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	County/City Comments on Planning Mechanisms for Implementation	Possible Funding
6	All-Hazards	Education & Awareness Programs	Work to promote emergency preparedness for local residents.	Ongoing	High	2017-2021	Steele County, Blooming Prairie, **Ellendale**, Medford, Owatonna	SC Emergency Management in coordination with City EM's	This is a standing effort of the Steele County Emergency Management Program. The County provides emergency preparedness presentations to cover information such as developing family emergency plans, develop go-kits, push for Everbridge sign up, etc. City EM's also work to provide this same information at the local level. *The City of Ellendale will work with Steele County Emergency Management to improve local education & awareness on what to do if a tornado occurs here.*	County/City Budgets
7	Severe Winter & Summer Storms	Mitigation Preparedness and Response Support	Ensure that plans are in place for emergency sheltering and that designated shelter facilities are identified.	Ongoing	High	2017-2021	Steele County, Blooming Prairie, **Ellendale**, Medford, Owatonna	SC Emergency Management in coordination with City EM's	Steele County has a shelter plan and has trained CERT members how to open the shelter at the National Guard Armory in Owatonna. The Armory is a State-designated shelter facility, and helps to ensure our preparedness to meet the needs of local residents and travelers.	County/City Funding

#	Hazard	Mitigation Strategy	City of Ellendale Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	County/City Comments on Planning Mechanisms for Implementation	Possible Funding
9	Severe Winter & Summer Storms	Mitigation Preparedness and Response Support	Identify critical facilities or infrastructure that do not have backup power in the event of a major power outage resulting from severe winter or summer storms. (Critical facilities may include: police/fire departments, EOC, health care facilities, water & sewer treatment facilities, and other facilities deemed as critical, i.e. public schools and sheltering facilities).	New	High	2017-2021	Steele County, Blooming Prairie, **Ellendale**, Medford, Owatonna	SC Emergency Management, City Admin & Public Works	County buildings (Admin & SCHA) are high priorities for backup generators in the event of a power outage. The County Admin building serves as a hub for County operations (IT, Treasurer, Board of Commissioners, P&Z, Assessors, etc.) and will serve as a command center in the event of a disaster. City jurisdictions have also identified a need for backup power for government buildings or other critical facilities or infrastructure. *The City of Ellendale needs a generator for our City building to ensure continuity of operations in the event of a power outage. We also want to encourage the local assisted living facility to acquire a generator so as to power their elevator in the event of a power outage.*	County/City budgets
10	Severe Winter & Summer Storms	Mitigation Preparedness and Response Support	Purchase and install generator hook-ups and encourage local generator purchases for identified critical facilities that require backup power.	New	High	2017-2021	Steele County, Blooming Prairie, **Ellendale**, Medford, Owatonna	SC Emergency Management, City Admin & Public Works	Steele County, local city governments, and schools will evaluate feasibility to purchase and install generators for key facilities. *The City could use funding to help expand emergency power to city buildings.*	County/City Budgets, **Possible FEMA HMA 5% Initiative Funding for Generators**
11	Severe Winter & Summer Storms	Mitigation Preparedness & Response Support	Work to ensure that all cities have battery backup on traffic lights and warning sirens in the event of power outages from severe winter/summer storms.	New	Moderate	2017-2021	Steele County, Blooming Prairie, **Ellendale**, Medford, Owatonna	SC Emergency Management, City Admin & Public Works	All the traffic lights in the City of Owatonna have battery backup on traffic lights.	County/City Budgets

#	Hazard	Mitigation Strategy	City of Ellendale Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	County/City Comments on Planning Mechanisms for Implementation	Possible Funding
12	Severe Winter & Summer Storms	Structure and Infrastructure Projects	Work with rural electrical coops and municipal utilities to identify and address mitigation measures for above ground power lines that are susceptible to damage from severe storms (i.e., strengthening/ burying) in order to reduce potential power outages.	New	High	2017-2021	Steele County, Blooming Prairie, **Ellendale**, Medford, Owatonna	Steele-Waseca Cooperative Electric in cooperation with Steele County and city municipal utilities (Owatonna P.U. and Blooming Prairie P.U.)	The (Steele-Waseca Cooperative Electric) SWCE continues to protect the electrical distribution system by continuously doing line and pole inspections, trimming trees and vegetation that imperil power lines and inspecting underground power lines. SWCE will look for opportunities to protect the power distribution system by reinforcing transmission lines or burying lines underground when feasible. The Steele County Emergency Manager, Utilities and CAER group continue to work with the County Planning Commission and staff to modify county subdivision regulations to require burial of all new power distribution lines before any new subdivision plats will be approved, if feasible.	Electric Coop Funding, **Possible FEMA HMA funding for Infrastruct-ure Retrofit**, Rural Utility Service (RUS), and CSC funding

#	Hazard	Mitigation Strategy	City of Ellendale Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	County/City Comments on Planning Mechanisms for Implementation	Possible Funding
14	Severe Winter & Summer Storms	Mitigation Preparedness and Response Support	Promote the use of NOAA weather radios as a key communications resource for residents, businesses, and facilities that house vulnerable populations (i.e., nursing homes, group homes, senior centers, and day care facilities).	Ongoing	High	2017-2021	Steele County, Blooming Prairie, **Ellendale**, Medford, Owatonna	SC Emergency Management in coordination with City EM's	This is a standing effort of the Steele County Emergency Management Program. Grant funding was used to provide NOAA All Hazard Weather Radios in Schools and Public Gathering Points in Owatonna. Weather Radios have been promoted through SKYWARN and anyone that purchases a NOAA Weather Radio can drop it off at the Owatonna Fire Station and SKYWARN members will program it for free to the Steele County Codes. Promotion of the value of NOAA weather radios is also a part of Steele County's annual participation in the NWS spring and winter Severe Weather Awareness Weeks in April and November.	County/City Budgets
15	Severe Winter & Summer Storms	Natural Systems Protection	Work with municipal and rural coop utility companies to inventory, trim, or cut down trees that are growing by electric lines to reduce risk of power outages during winter or summer storms.	Ongoing	High	2017-2021	Steele County, Blooming Prairie, **Ellendale**, Medford, Owatonna	SC Highway Department, City EM's, Steele-Waseca Cooperative Electric, and municipal utilities (Owatonna P.U. and Blooming Prairie P.U.)	This is an ongoing effort of Steele County Public Works in cooperation with utilities. Keeping power lines clear of trees will help to reduce the risk of power outages from downed lines during storms.	City Municipal Utility and Rural Utility Coop Funding

#	Hazard	Mitigation Strategy	City of Ellendale Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	County/City Comments on Planning Mechanisms for Implementation	Possible Funding
17	Severe Summer Storms	Mitigation Preparedness & Response Support	Provide/participate in the National Weather Service's SKYWARN "Storm Spotter" training in various parts of the County for first responders and community residents.	Ongoing	High	2017-2021	Steele County, Blooming Prairie, **Ellendale**, Medford, Owatonna	Emergency Management in collaboration with local cities and NWS	This is a standing part of the Steele County Emergency Management Program. Steele County has trained National Weather Service SKYWARN Instructors who provide annual training sessions for community volunteers, law enforcement, and fire departments. We will continue to encourage more volunteers to become active in the severe storm spotters network (SKYWARN, CERT, Ham Radio, etc.).	County Budget and NWS funding to deliver program
19	Severe Summer Storms	Structure and Infrastructure Projects	Identify areas where vulnerable populations are susceptible to tornadoes or extreme wind events (i.e. schools, campgrounds, or RV/mobile home parks) and evaluate for construction or retrofit of safe rooms or storm shelters.	Ongoing	High	2017-2021	Steele County, Blooming Prairie, **Ellendale**, Medford, Owatonna and School Districts	Emergency Management, HC Public Health, in coordination with townships and local cities	Tornadoes are one of the top ranked natural hazard that pose risk to Steele County. Steele County Emergency Management and City Emergency Managers will work to identify where safe room construction or retrofit is needed and may be feasible and work to explore advancing a safe room project. *The City of Ellendale needs a community safe room for the city and also for the campground.*	County/City budgets

#	Hazard	Mitigation Strategy	City of Ellendale Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	County/City Comments on Planning Mechanisms for Implementation	Possible Funding
20	Severe Summer Storms	Structure and Infrastructure Projects	Implement construction or retrofit projects for safe rooms or storm shelters in identified vulnerable locations.	Ongoing	High	2017-2021	Steele County, Blooming Prairie, **Ellendale**, Medford, Owatonna and School Districts	SC Emergency Management, HC Public Health, in coordination with townships and local cities	Any community safe room projects that the County is involved in will be part of the Steele County Emergency Management program. SC Emergency Management will work with any school or jurisdiction seeking to develop an application to FEMA for a safe room project. *The City will work to evaluate the feasibility of constructing community safe rooms and make an application to FEMA if a decision is made to pursue implementation.*	County/City Budgets, **Possible FEMA HMA funding for Safe Room Construct-ion**
21	Severe Summer Storms	Mitigation Preparedness & Response Support	Upgrade the warning siren paging system to newer technologies, and identify areas for voice sirens.	Ongoing	High	2017-2021	Steele County, Blooming Prairie, **Ellendale**, Medford, Owatonna	SC Emergency Management in coordination with townships and local cities	New outdoor emergency warning sirens were installed in Ellendale, Blooming Prairie and Owatonna. In Owatonna the siren system was completely replaced with new sirens and voice sirens were installed at Lake Kohlmeyer, Downtown, the water park and at the Steele County Fairgrounds. A new voice siren was also recently installed at the Brooktree Golf course.	County Budget
26	Flooding	Local Planning & Regulations	Upgrade the Steele County and local city culvert plans and prioritize most vulnerable areas. Include buffer strips in most vulnerable areas.	Ongoing	High	2017-2021	Steele County, Blooming Prairie, **Ellendale**, Medford, Owatonna	SC Highway Dept., SC Public Works	This is a standing effort of the Steele County Highway Department and local city Public Works programs.	County/City Budgets

#	Hazard	Mitigation Strategy	City of Ellendale Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	County/City Comments on Planning Mechanisms for Implementation	Possible Funding
27	Flooding	Structure and Infrastructure Projects	Identify areas of concern at areas around bridges and culverts to mitigate erosion and soil stabilization issues.	Ongoing	High	2017-2021	Steele County, Blooming Prairie, **Ellendale**, Medford, Owatonna	SC Highway Dept., SC Public Works, City & Township public works	This is a standing effort of the Steele County Highway Department/Public Works and of each city's public works department.	County/City/ Township Budgets
28	Flooding	Local Planning & Regulations	Identify, map, and prioritize roads in the County and cities & townships that are impacted by flood events, and implement required mitigation measures to reduce future flood damages.	Ongoing	High	2017-2021	Steele County, Blooming Prairie, **Ellendale**, Medford, Owatonna, All Townships	SC Highway Dept., SC Public Works, SC GIS, and local city and township public works	This is a standing effort of the Steele County Highway Department/Public Works.	County/City Budgets, State Aid Funding, **Possible FEMA HMA funding for Localized Flood Reduction Projects**
29	Flooding	Local Planning & Regulations	Develop stormwater management plans and improve stormwater management systems at the county and city level.	Ongoing	New	2017-2021	Steele County, Blooming Prairie, **Ellendale**, Medford, Owatonna, All Townships	SC Envr. Services, SC SWCD and local city public works depts., MN DNR, MPCA, and Watershed Districts	Steele County maintains a County Water Plan and a Watershed Plan which both address stormwater management planning and projects. The County is working to identify upland areas to hold water to help reduce the impact of stormwater flow.	County/ SWCD budgets, Clean Water Fund, Possible MPCA/PFA grant funding
30	Flooding	Local Planning & Regulations	Ensure that wellhead protection plans are in place to address flooding that may lead to contaminated drinking water.	New	High	2017-2021	Steele County, Blooming Prairie, **Ellendale**, Medford, Owatonna	SC Public Works, SC SWCD, MN Dept of Health and local city and township public works depts.	Cities work directly with the Minnesota Department of Health on the development or update of wellhead protection plans to ensure they meet State requirements.	MDH Source Water Protection grant funding for wellhead improvement projects

#	Hazard	Mitigation Strategy	City of Ellendale Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	County/City Comments on Planning Mechanisms for Implementation	Possible Funding
32	Flooding/ Erosion	Natural Systems Protection	Work to reduce erosion to streambanks and bridges due to flooding throughout the County.	Ongoing	High	2017-2021	Steele County, Blooming Prairie, **Ellendale**, Medford, Owatonna	SC Highway Dept., SC Public Works in coordination with local city EM's, Public Works depts., and Watershed Districts	Steele County and many communities experience high erosion due to flooding, including impacts to bridge areas and streambanks being severely cut away. Steele County and each city is working to identify and implement measures to reduce erosion. We will work in coordination with the Watershed Districts.	County/City Budgets, **Possible FEMA grant funding for Localized Flood Reduction Projects**
33	Flooding	Local Planning & Regulations	Identify properties that experience damage from repetitive flooding, and work with property owners to buy out structures and turn into open-space.	New	High	2017-2021	Steele County **Ellendale**, Medford, Owatonna	SC Emergency Management, SC Envr. Services, and City Admin.	This is an ongoing effort of Steele County in conjunction with the cities of Ellendale, Medford, and Owatonna. The City of Blooming Prairie is not within the floodplain.	County/City Funding, **Possible FEMA grant funding for Property Acquisition**
34	Flooding	Education & Awareness Programs	Work to provide education to homeowners in all cities on green infrastructure methods to assist in local stormwater management.	New	High	2017-2021	Steele County, Blooming Prairie, **Ellendale**, Medford, Owatonna	SC SWCD, SC P&Z, and local city Public Works	The Steele County SWCD provides information and technical assistance as needed to communities to learn about and implement green infrastructure projects to help reduce localized flood damages and reduce erosion.	SWCD budget, **Possible FEMA Funding for Green Infrastruct-ure Projects**

Table G - 4. Mitigation Actions Identified for Implementation by the City of Medford (2017-2021) (From Steele County Master Mitigation Action Chart)

#	Hazard	Mitigation Strategy	City of Medford Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	County/City Comments on Planning Mechanisms for Implementation	Possible Funding
1	All-Hazards	Education & Awareness Programs	Work to ensure that all Steele County residents are aware of and sign-up for the Everbridge emergency notification system.	Ongoing	High	2017-2021	Steele County, Blooming Prairie, Ellendale, **Medford**, Owatonna	SC Emergency Management in coordination with local city and township government	This is a standing effort of the Steele County Emergency Management Program. Sign-up for Everbridge is available on the Steele County Emergency Management website and reminders are also put out via Facebook. Cities also work to promote sign-up by local residents by sharing information on city websites and announcements at public meetings. The Steele County CERT (Community Emergency Response Team) may be used to help encourage residents to sign up for Everbridge and understand the different options when registering for this service.	County Budget
2	All-Hazards	Mitigation Preparedness & Response Support	Ensure that Steele County and its cities have multiple methods established to relay emergency notifications to all segments of the public.	Ongoing	High	2017-2021	Steele County, Blooming Prairie, Ellendale, **Medford**, Owatonna	SC Emergency Management in coordination with City Emergency Managers	Steele County residents receive emergency warnings through the PSAP with IPAWs, the Everbridge Emergency Warning System, NOAA All-Hazard Radios, and through the outdoor emergency warning siren system using voice and siren. The County also addresses the language barriers in communicating disaster preparedness information and disaster warnings to non-English population groups. This information is provided through ECHO (Emergency Communication Health Outreach). ECHO increases access to life-saving emergency information by facilitating efficient mass-media messaging in multiple languages.	County/City Budgets

#	Hazard	Mitigation Strategy	City of Medford Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	County/City Comments on Planning Mechanisms for Implementation	Possible Funding
6	All-Hazards	Education & Awareness Programs	Work to promote emergency preparedness for local residents.	Ongoing	High	2017-2021	Steele County, Blooming Prairie, Ellendale, **Medford**, Owatonna	SC Emergency Management in coordination with City EM's	This is a standing effort of the Steele County Emergency Management Program. The County provides emergency preparedness presentations to cover information such as developing family emergency plans, develop go-kits, push for Everbridge sign up, etc. City EM's also work to provide this same information at the local level.	County/City Budgets
7	Severe Winter & Summer Storms	Mitigation Preparedness and Response Support	Ensure that plans are in place for emergency sheltering and that designated shelter facilities are identified.	Ongoing	High	2017-2021	Steele County, Blooming Prairie, Ellendale, **Medford**, Owatonna	SC Emergency Management in coordination with City EM's	Steele County has a shelter plan and has trained CERT members how to open the shelter at the National Guard Armory in Owatonna. The Armory is a State-designated shelter facility, and helps to ensure our preparedness to meet the needs of local residents and travelers.	County/City Funding
9	Severe Winter & Summer Storms	Mitigation Preparedness and Response Support	Identify critical facilities or infrastructure that do not have backup power in the event of a major power outage resulting from severe winter or summer storms. (Critical facilities may include: police/fire departments, EOC, health care facilities, water & sewer treatment facilities, and other facilities deemed as critical, i.e. public schools and sheltering facilities).	New	High	2017-2021	Steele County, Blooming Prairie, Ellendale, **Medford**, Owatonna	SC Emergency Management, City Admin & Public Works	County buildings (Admin & SCHA) are high priorities for backup generators in the event of a power outage. The County Admin building serves as a hub for County operations (IT, Treasurer, Board of Commissioners, P&Z, Assessors, etc.) and will serve as a command center in the event of a disaster. City jurisdictions have also identified a need for backup power for government buildings or other critical facilities or infrastructure.	County/City budgets

#	Hazard	Mitigation Strategy	City of Medford Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	County/City Comments on Planning Mechanisms for Implementation	Possible Funding
10	Severe Winter & Summer Storms	Mitigation Preparedness and Response Support	Purchase and install generator hook-ups and encourage local generator purchases for identified critical facilities that require backup power.	New	High	2017-2021	Steele County, Blooming Prairie, Ellendale, **Medford**, Owatonna	SC Emergency Management, City Admin & Public Works	Steele County, local city governments, and schools will evaluate feasibility to purchase and install generators for key facilities.	County/City Budgets, **Possible FEMA HMA 5% Initiative Funding for Generators**
11	Severe Winter & Summer Storms	Mitigation Preparedness & Response Support	Work to ensure that all cities have battery backup on traffic lights and warning sirens in the event of power outages from severe winter/summer storms.	New	Moderate	2017-2021	Steele County, Blooming Prairie, Ellendale, **Medford**, Owatonna	SC Emergency Management, City Admin & Public Works	All the traffic lights in the City of Owatonna have battery backup on traffic lights.	County/City Budgets
12	Severe Winter & Summer Storms	Structure and Infrastructure Projects	Work with rural electrical coops and municipal utilities to identify and address mitigation measures for above ground power lines that are susceptible to damage from severe storms (i.e., strengthening/ burying) in order to reduce potential power outages.	New	High	2017-2021	Steele County, Blooming Prairie, Ellendale, **Medford**, Owatonna	Steele-Waseca Cooperative Electric in cooperation with Steele County and city municipal utilities (Owatonna P.U. and Blooming Prairie P.U.)	The (Steele-Waseca Cooperative Electric) SWCE continues to protect the electrical distribution system by continuously doing line and pole inspections, trimming trees and vegetation that imperil power lines and inspecting underground power lines. SWCE will look for opportunities to protect the power distribution system by reinforcing transmission lines or burying lines underground when feasible. The Steele County Emergency Manager, Utilities and CAER group continue to work with the County Planning Commission and staff to modify county subdivision regulations to require burial of all new power distribution lines before any new subdivision plats will be approved, if feasible.	Electric Coop Funding, **Possible FEMA HMA funding for Infrastruct-ure Retrofit**, Rural Utility Service (RUS), and CSC funding

#	Hazard	Mitigation Strategy	City of Medford Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	County/City Comments on Planning Mechanisms for Implementation	Possible Funding
14	Severe Winter & Summer Storms	Mitigation Preparedness and Response Support	Promote the use of NOAA weather radios as a key communications resource for residents, businesses, and facilities that house vulnerable populations (i.e., nursing homes, group homes, senior centers, and day care facilities).	Ongoing	High	2017-2021	Steele County, Blooming Prairie, Ellendale, **Medford**, Owatonna	SC Emergency Management in coordination with City EM's	This is a standing effort of the Steele County Emergency Management Program. Grant funding was used to provide NOAA All Hazard Weather Radios in Schools and Public Gathering Points in Owatonna. Weather Radios have been promoted through SKYWARN and anyone that purchases a NOAA Weather Radio can drop it off at the Owatonna Fire Station and SKYWARN members will program it for free to the Steele County Codes. Promotion of the value of NOAA weather radios is also a part of Steele County's annual participation in the NWS spring and winter Severe Weather Awareness Weeks in April and November.	County/City Budgets
15	Severe Winter & Summer Storms	Natural Systems Protection	Work with municipal and rural coop utility companies to inventory, trim, or cut down trees that are growing by electric lines to reduce risk of power outages during winter or summer storms.	Ongoing	High	2017-2021	Steele County, Blooming Prairie, Ellendale, **Medford**, Owatonna	SC Highway Department, City EM's, Steele-Waseca Cooperative Electric, and municipal utilities (Owatonna P.U. and Blooming Prairie P.U.)	This is an ongoing effort of Steele County Public Works in cooperation with utilities. Keeping power lines clear of trees will help to reduce the risk of power outages from downed lines during storms.	City Municipal Utility and Rural Utility Coop Funding

#	Hazard	Mitigation Strategy	City of Medford Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	County/City Comments on Planning Mechanisms for Implementation	Possible Funding
17	Severe Summer Storms	Mitigation Preparedness & Response Support	Provide/participate in the National Weather Service's SKYWARN "Storm Spotter" training in various parts of the County for first responders and community residents.	Ongoing	High	2017-2021	Steele County, Blooming Prairie, Ellendale, **Medford**, Owatonna	Emergency Management in collaboration with local cities and NWS	This is a standing part of the Steele County Emergency Management Program. Steele County has trained National Weather Service SKYWARN Instructors who provide annual training sessions for community volunteers, law enforcement, and fire departments. We will continue to encourage more volunteers to become active in the severe storm spotters network (SKYWARN, CERT, Ham Radio, etc.).	County Budget and NWS funding to deliver program
19	Severe Summer Storms	Structure and Infrastructure Projects	Identify areas where vulnerable populations are susceptible to tornadoes or extreme wind events (i.e. schools, campgrounds, or RV/mobile home parks) and evaluate for construction or retrofit of safe rooms or storm shelters.	Ongoing	High	2017-2021	Steele County, Blooming Prairie, Ellendale, **Medford**, Owatonna and School Districts	Emergency Management, HC Public Health, in coordination with townships and local cities	Tornadoes are one of the top ranked natural hazard that pose risk to Steele County. Steele County Emergency Management and City Emergency Managers will work to identify where safe room construction or retrofit is needed and may be feasible and work to explore advancing a safe room project.	County/City budgets
20	Severe Summer Storms	Structure and Infrastructure Projects	Implement construction or retrofit projects for safe rooms or storm shelters in identified vulnerable locations.	Ongoing	High	2017-2021	Steele County, Blooming Prairie, Ellendale, **Medford**, Owatonna and School Districts	SC Emergency Management, HC Public Health, in coordination with townships and local cities	Any community safe room projects that the County is involved in will be part of the Steele County Emergency Management program. SC Emergency Management will work with any school or jurisdiction seeking to develop an application to FEMA for a safe room project.	County/City Budgets, **Possible FEMA HMA funding for Safe Room Construct-ion**

#	Hazard	Mitigation Strategy	City of Medford Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	County/City Comments on Planning Mechanisms for Implementation	Possible Funding
21	Severe Summer Storms	Mitigation Preparedness & Response Support	Upgrade the warning siren paging system to newer technologies, and identify areas for voice sirens.	Ongoing	High	2017-2021	Steele County, Blooming Prairie, Ellendale, **Medford**, Owatonna	SC Emergency Management in coordination with townships and local cities	New outdoor emergency warning sirens were installed in Ellendale, Blooming Prairie and Owatonna. In Owatonna the siren system was completely replaced with new sirens and voice sirens were installed at Lake Kohlmeyer, Downtown, the water park and at the Steele County Fairgrounds. A new voice siren was also recently installed at the Brooktree Golf course.	County Budget
26	Flooding	Local Planning & Regulations	Upgrade the Steele County and local city culvert plans and prioritize most vulnerable areas. Include buffer strips in most vulnerable areas.	Ongoing	High	2017-2021	Steele County, Blooming Prairie, Ellendale, **Medford**, Owatonna	SC Highway Dept., SC Public Works	This is a standing effort of the Steele County Highway Department and local city Public Works programs.	County/City Budgets
27	Flooding	Structure and Infrastructure Projects	Identify areas of concern at areas around bridges and culverts to mitigate erosion and soil stabilization issues.	Ongoing	High	2017-2021	Steele County, Blooming Prairie, Ellendale, **Medford**, Owatonna	SC Highway Dept., SC Public Works, City & Township public works	This is a standing effort of the Steele County Highway Department/Public Works and of each city's public works department.	County/City/ Township Budgets
28	Flooding	Local Planning & Regulations	Identify, map, and prioritize roads in the County and cities & townships that are impacted by flood events, and implement required mitigation measures to reduce future flood damages.	Ongoing	High	2017-2021	Steele County, Blooming Prairie, Ellendale, **Medford**, Owatonna, All Townships	SC Highway Dept., SC Public Works, SC GIS, and local city and township public works	This is a standing effort of the Steele County Highway Department/Public Works.	County/City Budgets, State Aid Funding, **Possible FEMA HMA funding for Localized Flood Reduction Projects**

#	Hazard	Mitigation Strategy	City of Medford Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	County/City Comments on Planning Mechanisms for Implementation	Possible Funding
29	Flooding	Local Planning & Regulations	Develop stormwater management plans and improve stormwater management systems at the county and city level.	Ongoing	New	2017-2021	Steele County, Blooming Prairie, Ellendale, **Medford**, Owatonna, All Townships	SC Envr. Services, SC SWCD and local city public works depts., MN DNR, MPCA, and Watershed Districts	Steele County maintains a County Water Plan and a Watershed Plan which both address stormwater management planning and projects. The County is working to identify upland areas to hold water to help reduce the impact of stormwater flow.	County/ SWCD budgets, Clean Water Fund, Possible MPCA/PFA grant funding
30	Flooding	Local Planning & Regulations	Ensure that wellhead protection plans are in place to address flooding that may lead to contaminated drinking water.	New	High	2017-2021	Steele County, Blooming Prairie, Ellendale, **Medford**, Owatonna	SC Public Works, SC SWCD, MN Dept of Health and local city and township public works depts.	Cities work directly with the Minnesota Department of Health on the development or update of wellhead protection plans to ensure they meet State requirements.	MDH Source Water Protection grant funding for wellhead improvement projects
32	Flooding/ Erosion	Natural Systems Protection	Work to reduce erosion to streambanks and bridges due to flooding throughout the County.	Ongoing	High	2017-2021	Steele County, Blooming Prairie, Ellendale, **Medford**, Owatonna	SC Highway Dept., SC Public Works in coordination with local city EM's, Public Works depts., and Watershed Districts	Steele County and many communities experience high erosion due to flooding, including impacts to bridge areas and streambanks being severely cut away. Steele County and each city is working to identify and implement measures to reduce erosion. We will work in coordination with the Watershed Districts. *Addressing flooding and streambank erosion on the Straight River is a high priority of the City of Medford.*	County/City Budgets, **Possible FEMA grant funding for Localized Flood Reduction Projects**

#	Hazard	Mitigation Strategy	City of Medford Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	County/City Comments on Planning Mechanisms for Implementation	Possible Funding
33	Flooding	Local Planning & Regulations	Identify properties that experience damage from repetitive flooding, and work with property owners to buy out structures and turn into open-space.	New	High	2017-2021	Steele County Ellendale, **Medford**, Owatonna	SC Emergency Management, SC Envr. Services, and City Admin.	In the City of Medford, approximately 6 homes' basements are flooded during most flood events. Buyout of severely damaged homes or installation of berms to prevent flooding should be considered.	County/City Funding, **Possible FEMA grant funding for Property Acquisition**
34	Flooding	Education & Awareness Programs	Work to provide education to homeowners in all cities on green infrastructure methods to assist in local stormwater management.	New	High	2017-2021	Steele County, Blooming Prairie, Ellendale, **Medford**, Owatonna	SC SWCD, SC P&Z, and local city Public Works	The Steele County SWCD provides information and technical assistance as needed to communities to learn about and implement green infrastructure projects to help reduce localized flood damages and reduce erosion.	SWCD budget, **Possible FEMA Funding for Green Infrastruct-ure Projects**

Table G - 5. Additional Mitigation Actions Identified for the City of Medford for Specific Implementation by the City

#	Hazard	Mitigation Strategy	City of Medford Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	City Comments on Planning Mechanisms for Implementation	Possible Funding
1	Flooding	Structure & Infrastructure Projects	Relocate park infrastructure in Straight River Park to avoid future damages due to flooding.	New	High	2017-2021	City of Medford	City Planning & Public Works Dept.	The city's Straight River Park has flooded several times. Picnic tables, electrical infrastructure, wood chips, baseball field, fencing, volleyball court sand & equipment, etc. has been damaged or washed away. The City may move the infrastructure to a different location or raise the infrastructure.	City Budget
2	Flooding	Structure & Infrastructure Projects	Engineer solutions to address wastewater and stormwater management issues in the City due to high rain events and flooding on the Straight River.	New	High	2017-2021	City of Medford	City Planning & Public Works Dept. in consultation & coordination with SC SWCD	The City of Medford's wastewater treatment plant needs pumps and floats installed to pump treated water to the river when the river rises above the discharge pipe, preventing the water from being discharged to the river. Groundwater also seeps into the wastewater treatment plant sludge building during floods. The basement of the sludge building becomes flooded and pumps are used to discharge the water. An engineered solution may be needed to prevent future flooding. Stormwater pipes, rip-rap and other infrastructure has been damaged or washed away in past floods. The City may need to engineer solutions to keep the infrastructure in place or relocate the infrastructure.	City Budget, Possible MPCA/PFA grant funding, **Possible FEMA HMA funding for Localized Flood Reduction Projects**

#	Hazard	Mitigation Strategy	City of Medford Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	City Comments on Planning Mechanisms for Implementation	Possible Funding
3	Flooding	Structure & Infrastructure Projects / Natural Systems Protection	Address streambank stabilization issues on the Straight River.	New	High	2017-2021	City of Medford	City Planning & Public Works Dept. in consultation & coordination with SC SWCD	The riverbank within the City of Medford is eroding. Streambank stabilization must occur to prevent city stormwater infrastructure and private residential properties from falling into the river and washing away. *(Lois M. Nelson, Mayor): Our Zoning and Planning Board have reviewed a shoreline ordinance. This included discussions with homeowners along Sunrise Dr who have properties adjacent to the Straight River on the north end of town. This is now with the City Council to take action on. It is more future-oriented with property development on the west and south end of town.*	SWCD, City Funding, **Possible FEMA HMA funding for Floodplain and Stream Restoration**

Table G - 6. Mitigation Actions Identified for Implementation by the City of Owatonna (2017-2021) (From Steele County Master Mitigation Action Chart)

#	Hazard	Mitigation Strategy	City of Owatonna Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	County/City Comments on Planning Mechanisms for Implementation	Possible Funding
1	All-Hazards	Education & Awareness Programs	Work to ensure that all Steele County residents are aware of and sign-up for the Everbridge emergency notification system.	On-going	High	2017-2021	Steele County, Blooming Prairie, Ellendale, Medford, **Owatonna**	SC Emergency Management in coordination with local city and township government	This is a standing effort of the Steele County Emergency Management Program. Sign-up for Everbridge is available on the Steele County Emergency Management website and reminders are also put out via Facebook. Cities also work to promote sign-up by local residents by sharing information on city websites and announcements at public meetings. The Steele County CERT (Community Emergency Response Team) may be used to help encourage residents to sign up for Everbridge and understand the different options when registering for this service.	County Budget
2	All-Hazards	Mitigation Preparedness & Response Support	Ensure that Steele County and its cities have multiple methods established to relay emergency notifications to all segments of the public.	On-going	High	2017-2021	Steele County, Blooming Prairie, Ellendale, Medford, **Owatonna**	SC Emergency Management in coordination with City Emergency Managers	Steele County residents receive emergency warnings through the PSAP with IPAWs, the Everbridge Emergency Warning System, NOAA All- Hazard Radios, and through the outdoor emergency warning siren system using voice and siren. The County also addresses the language barriers in communicating disaster preparedness information and disaster warnings to non-English population groups. This information is provided through ECHO (Emergency Communication Health Outreach). ECHO increases access to life-saving emergency information by facilitating efficient mass-media messaging in multiple languages.	County/City Budgets

#	Hazard	Mitigation Strategy	City of Owatonna Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	County/City Comments on Planning Mechanisms for Implementation	Possible Funding
6	All-Hazards	Education & Awareness Programs	Work to promote emergency preparedness for local residents.	On-going	High	2017-2021	Steele County, Blooming Prairie, Ellendale, Medford, **Owatonna**	SC Emergency Management in coordination with City EM's	This is a standing effort of the Steele County Emergency Management Program. The County provides emergency preparedness presentations to cover information such as developing family emergency plans, develop go-kits, push for Everbridge sign up, etc. City EM's also work to provide this same information at the local level.	County/City Budgets
7	Severe Winter & Summer Storms	Mitigation Preparedness and Response Support	Ensure that plans are in place for emergency sheltering and that designated shelter facilities are identified.	On-going	High	2017-2021	Steele County, Blooming Prairie, Ellendale, Medford, **Owatonna**	SC Emergency Management in coordination with City EM's	Steele County has a shelter plan and has trained CERT members how to open the shelter at the National Guard Armory in Owatonna. The Armory is a State-designated shelter facility, and helps to ensure our preparedness to meet the needs of local residents and travelers.	County/City Funding

#	Hazard	Mitigation Strategy	City of Owatonna Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	County/City Comments on Planning Mechanisms for Implementation	Possible Funding
9	Severe Winter & Summer Storms	Mitigation Preparedness and Response Support	Identify critical facilities or infrastructure that do not have backup power in the event of a major power outage resulting from severe winter or summer storms. (Critical facilities may include: police/fire departments, EOC, health care facilities, water & sewer treatment facilities, and other facilities deemed as critical, i.e. public schools and sheltering facilities).	New	High	2017-2021	Steele County, Blooming Prairie, Ellendale, Medford, **Owatonna**	SC Emergency Management, City Admin & Public Works	County buildings (Admin & SCHA) are high priorities for back-up generators in the event of a power outage. The County Admin building serves as a hub for County operations (IT, Treasurer, Board of Commissioners, P&Z, Assessors, etc.) and will serve as a command center in the event of a disaster. City jurisdictions have also identified a need for backup power for government buildings or other critical facilities or infrastructure. *The City of Owatonna needs a larger generator for law enforcement center so we can run the Police/Sheriff department center. Current generator provides coverage for Dispatch only.*	County/City budgets
10	Severe Winter & Summer Storms	Mitigation Preparedness and Response Support	Purchase and install generator hook-ups and encourage local generator purchases for identified critical facilities that require backup power.	New	High	2017-2021	Steele County, Blooming Prairie, Ellendale, Medford, **Owatonna**	SC Emergency Management, City Admin & Public Works	Steele County, local city governments, and schools will evaluate feasibility to purchase and install generators for key facilities.	County/City Budgets, **Possible FEMA HMA 5% Initiative Funding for Generators**
11	Severe Winter & Summer Storms	Mitigation Preparedness & Response Support	Work to ensure that all cities have battery back up on traffic lights and warning sirens in the event of power outages from severe winter/ summer storms.	New	Moderate	2017-2021	Steele County, Blooming Prairie, Ellendale, Medford, **Owatonna**	SC Emergency Management, City Admin & Public Works	All the traffic lights in the City of Owatonna have battery back up on traffic lights.	County/City Budgets

#	Hazard	Mitigation Strategy	City of Owatonna Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	County/City Comments on Planning Mechanisms for Implementation	Possible Funding
12	Severe Winter & Summer Storms	Structure and Infrastructure Projects	Work with rural electrical coops and municipal utilities to identify and address mitigation measures for above ground power lines that are susceptible to damage from severe storms (i.e., strengthening/ burying) in order to reduce potential power outages.	New	High	2017-2021	Steele County, Blooming Prairie, Ellendale, Medford, **Owatonna**	Steele-Waseca Cooperative Electric in cooperation with Steele County and city municipal utilities (Owatonna P.U. and Blooming Prairie P.U.)	The (Steele-Waseca Cooperative Electric) SWCE continues to protect the electrical distribution system by continuously doing line and pole inspections, trimming trees and vegetation that imperil power lines and inspecting underground power lines. SWCE will look for opportunities to protect the power distribution system by reinforcing transmission lines or burying lines underground when feasible. *In the City of Owatonna, we will work with our municipal public utility to address Power line storm strengthening or convert overhead power lines to underground lines.*	Electric Coop Funding, **Possible FEMA HMA funding for Infrastructure Retrofit, Rural Utility Service (RUS), and CSC funding**
14	Severe Winter & Summer Storms	Mitigation Preparedness and Response Support	Promote the use of NOAA weather radios as a key communications resource for residents, businesses, and facilities that house vulnerable populations (i.e., nursing homes, group homes, senior centers, and day care facilities).	On-going	High	2017-2021	Steele County, Blooming Prairie, Ellendale, Medford, **Owatonna**	SC Emergency Management in coordination with City EM's	This is a standing effort of the Steele County Emergency Management Program. Grant funding was used to provide NOAA All Hazard Weather Radios in Schools and Public Gathering Points in Owatonna. Weather Radios have been promoted through Skywarn and anyone that purchases a NOAA Weather Radio can drop it off at the Owatonna Fire Station and Skywarn members will program it for free to the Steele County Codes. Promotion of the value of NOAA weather radios is also a part of Steele County's annual participation in the NWS spring and winter Severe Weather Awareness Weeks in April and November.	County/City Budgets

#	Hazard	Mitigation Strategy	City of Owatonna Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	County/City Comments on Planning Mechanisms for Implementation	Possible Funding
15	Severe Winter & Summer Storms	Natural Systems Protection	Work with municipal and rural coop utility companies to inventory, trim, or cut down trees that are growing by electric lines to reduce risk of power outages during winter or summer storms.	On-going	High	2017-2021	Steele County, Blooming Prairie, Ellendale, Medford, **Owatonna**	SC Highway Department, City EM's, Steele-Waseca Cooperative Electric, and municipal utilities (Owatonna P.U. and Blooming Prairie P.U.)	This is an ongoing effort of Steele County Public Works in cooperation with utilities. Keeping power lines clear of trees will help to reduce the risk of power outages from downed lines during storms.	City Municipal Utility and Rural Utility Coop Funding
17	Severe Summer Storms	Mitigation Preparedness & Response Support	Provide/participate in the National Weather Service's SkyWarn "Storm Spotter" training in various parts of the County for first responders and community residents.	On-Going	High	2017-2021	Steele County, Blooming Prairie, Ellendale, Medford, **Owatonna**	Emergency Management in collaboration with local cities and NWS	This is a standing part of the Steele County Emergency Management Program. Steele County has trained National Weather Service Skywarn Instructors who provide annual training sessions for community volunteers, law enforcement, and fire departments. We will continue to encourage more volunteers to become active in the severe storm spotters network (SKYWARN, CERT, Ham Radio, etc.).	County Budget and NWS funding to deliver program
19	Severe Summer Storms	Structure and Infrastructure Projects	Identify areas where vulnerable populations are susceptible to tornadoes or extreme wind events (i.e. schools, campgrounds, or RV/mobile home parks) and evaluate for construction or retrofit of safe rooms or storm shelters.	On-going	High	2017-2021	Steele County, Blooming Prairie, Ellendale, Medford, **Owatonna**, and School Districts	Emergency Management, HC Public Health, in coordination with townships and local cities	Tornadoes are one of the top ranked natural hazard that pose risk to Steele County. Steele County Emergency Management and City Emergency Managers will work to identify where safe room construction or retrofit is needed and may be feasible and work to explore advancing a safe room project.	County/City budgets

#	Hazard	Mitigation Strategy	City of Owatonna Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	County/City Comments on Planning Mechanisms for Implementation	Possible Funding
20	Severe Summer Storms	Structure and Infrastructure Projects	Implement construction or retrofit projects for safe rooms or storm shelters in identified vulnerable locations.	On-going	High	2017-2021	Steele County, Blooming Prairie, Ellendale, Medford, **Owatonna**, and School Districts	SC Emergency Management, HC Public Health, in coordination with townships and local cities	Any community safe room projects that the County is involved in will be part of the Steele County Emergency Management program. SC Emergency Management will work with any school or jurisdiction seeking to develop an application to FEMA for a safe room project.	County/City Budgets, **Possible FEMA HMA funding for Safe Room Constructi-on**
21	Severe Summer Storms	Mitigation Preparedness & Response Support	Upgrade the warning siren paging system to newer technologies, and identify areas for voice sirens.	On-going	High	2017-2021	Steele County, Blooming Prairie, Ellendale, Medford, **Owatonna**	SC Emergency Management in coordination with townships and local cities	New outdoor emergency warning sirens were installed in Ellendale, Blooming Prairie and Owatonna. In Owatonna the siren system was completely replaced with new sirens and voice sirens were installed at Lake Kohlmeyer, Downtown, the water park and at the Steele County Fairgrounds. A new voice siren was also recently installed at the Brooktree Golf course.	County Budget
26	Flooding	Local Planning & Regulations	Upgrade the Steele County and local city culvert plans and prioritize most vulnerable areas. Include buffer strips in most vulnerable areas.	On-going	High	2017-2021	Steele County, Blooming Prairie, Ellendale, Medford, **Owatonna**	SC Highway Dept., SC Public Works	This is a standing effort of the Steele County Highway Department and local city Public Works programs.	County /City Budgets
27	Flooding	Structure and Infrastructure Projects	Identify areas of concern at areas around bridges and culverts to mitigate erosion and soil stabilization issues.	On-going	High	2017-2021	Steele County, Blooming Prairie, Ellendale, Medford, **Owatonna**	SC Highway Dept., SC Public Works, City & Township public works	This is a standing effort of the Steele County Highway Department/Public Works and of each city's public works department.	County/City/ Township Budgets

#	Hazard	Mitigation Strategy	City of Owatonna Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	County/City Comments on Planning Mechanisms for Implementation	Possible Funding
28	Flooding	Local Planning & Regulations	Identify, map, and prioritize roads in the County and cities & townships that are impacted by flood events, and implement required mitigation measures to reduce future flood damages.	On-going	High	2017-2021	Steele County, Blooming Prairie, Ellendale, Medford, **Owatonna**, All Townships	SC Highway Dept., SC Public Works, SC GIS, and local city and township public works	This is a standing effort of the Steele County Highway Department/Public Works.	County/City Budgets, State Aid Funding, **Possible FEMA HMA funding for Localized Flood Reduction Projects**
29	Flooding	Local Planning & Regulations	Develop stormwater management plans and improve stormwater management systems at the county and city level.	On-going	New	2017-2021	Steele County, Blooming Prairie, Ellendale, Medford, **Owatonna**, All Townships	SC Envr. Services, SC SWCD and local city public works depts., MNDNR, MPCA, and Watershed Districts	Steele County maintains a County Water Plan and a Watershed Plan which both address stormwater management planning and projects. The County is working to identify upland areas to hold water to help reduce the impact of stormwater flow.	County/ SWCD budgets, Clean Water Fund, Possible MPCA/PFA grant funding
30	Flooding	Local Planning & Regulations	Ensure that wellhead protection plans are in place to address flooding that may lead to contaminated drinking water.	New	High	2017-2021	Steele County, Blooming Prairie, Ellendale, Medford, **Owatonna**	SC Public Works, SC SWCD, MN Dept of Health and local city and township public works depts.	Cities work directly with the Minnesota Department of Health on the development or update of wellhead protection plans to ensure they meet State requirements.	MDH Source Water Protection grant funding for wellhead improvement projects
31	Flooding	Local Planning & Regulations	Work with the City of Owatonna to address raising control panels for traffic lights above flood level.	Ongoing	High	2017-2021	Steele County **Owatonna**	SC Public Works, City Public Works	Currently there is only control panel that must be raised above flood level. All other traffic lights have been addressed.	County/City Budgets

#	Hazard	Mitigation Strategy	City of Owatonna Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	County/City Comments on Planning Mechanisms for Implementation	Possible Funding
32	Flooding/ Erosion	Natural Systems Protection	Work to reduce erosion to streambanks and bridges due to flooding throughout the County.	On-going	High	2017-2021	Steele County, Blooming Prairie, Ellendale, Medford, **Owatonna**	SC Highway Dept., SC Public Works in coordination with local city EM's, Public Works depts., and Watershed Districts	Steele County and many communities experience high erosion due to flooding, including impacts to bridge areas and streambanks being severely cut away. Steele County and each city is working to identify and implement measures to reduce erosion. We will work in coordination with the Watershed Districts.	County/City Budgets, **Possible FEMA grant funding for Localized Flood Reduction Projects**
33	Flooding	Local Planning & Regulations	Identify properties that experience damage from repetitive flooding, and work with property owners to buy out structures and turn into open-space.	New	High	2017-2021	Steele County Ellendale, Medford, **Owatonna**	SC Emergency Management, SC Envr. Services, and City Admin.	*In the City of Owatonna we have homes and businesses within the floodplain that need to be removed and some cases re-developed. Areas include Hoffman Dr., North Oak Ave., North St., Maple Dr., Cherry St., Lemond Road, Riverside Ave, N. Elm, and W. Bridge St.*	County/City Funding, **Possible FEMA grant funding for Property Acquisition**
34	Flooding	Education & Awareness Programs	Work to provide education to homeowners in all cities on green infrastructure methods to assist in local stormwater management.	New	High	2017-2021	Steele County, Blooming Prairie, Ellendale, Medford, **Owatonna**	SC SWCD, SC P&Z, and local city Public Works	The Steele County SWCD provides information and technical assistance as needed to communities to learn about and implement green infrastructure projects to help reduce localized flood damages and reduce erosion.	SWCD budget, **Possible FEMA Funding for Green Infrastruct-ure Projects**

Table G - 7. Additional Mitigation Actions Identified for the City of Owatonna for Specific Implementation by the City

#	Hazard	Mitigation Strategy	City of Owatonna Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	City Comments on Planning Mechanisms for Implementation	Possible Funding
1	Flooding	Structure & Infrastructure Projects	Continue to implement storm sewer improvements.	Ongoing	High	2017-2021	City of Owatonna	City Planning & Public Works Dept.	The city completed a storm water study that recommends improvements to the Storm Water System. The recommended improvements include pipe upgrades, retention ponds and sedimentation ponds. Due to major rainfall events in 2007, certain areas within the city received flooding from the storm sewer system. The City conducted a study of the flooded areas and identified 8 specific areas that require flood mitigation measures. The flooding mitigation in the downtown area by the library has not been completed. New Specific projects need to be identified in the Maple Creek watershed.	City Budget
2	Flooding/ Erosion	Structure & Infrastructure Projects / Natural Systems Protection	Address erosion control along Maple Creek that runs through the parks system and golf course. Reroute irrigation through golf course to prevent damage from flooding.	New	High	2017-2021	City of Owatonna	City Public Works in coordination with Parks & Recreation/Golf Course	The city has made many improvements rerouting irrigation and stabilizing banks. More improvements are still needed to help prevent future damage.	City Budget

#	Hazard	Mitigation Strategy	City of Owatonna Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	City Comments on Planning Mechanisms for Implementation	Possible Funding
3	Flooding	Local Planning & Regulations / Structure & Infrastructure Projects	Address flooding on Hoffman Drive. Redevelop properties along the west side of Hoffman Drive to be in compliance with the City's Floodplain Ordinance.	New	High	2017-2021	City of Owatonna	City Planning & Public Works Dept.	This is prime commercial property and could be redeveloped. The City will work with property owners to redevelop properties which would include removing noncomplying structures and raising new structures above the flood elevation.	City Funding, **Possible FEMA grant funding for Property Acquisition**
4	Flooding	Local Planning & Regulations / Structure & Infrastructure Projects	Address flooding of Brooktree Golf Course. Build home water retention areas on the golf course. Raise tee boxes and lower areas of the fairways.	New	High	2017-2021	City of Owatonna	City Public Works in coordination with Parks & Recreation/Golf Course	Golf course reconstruction consultants have reviewed and recommended different drainage and irrigation solutions.	City funding, SWCD
5	Flooding/Erosion	Local Planning & Regulations / Natural Systems Protection	Work with farmers to address drainage from the northeast farm properties draining into the Maple Creek and causing local flooding.	New	High	2017-2021	City of Owatonna	City Public Works and SWCD	The City will confer with SWCD to advance this effort with local farmers.	City funding, SWCD
6	Flooding/Erosion	Local Planning & Regulations / Natural Systems Protection	Address erosion control at Lake Kohlmier. Recent floods have damaged the retaining wall.	Ongoing	High	2017-2021	City of Owatonna	City Public Works and SWCD	Retaining wall would need to be replaced with pavers instead of wood, as the City is unable to prevent the lake water levels from rising to meet the retaining wall.	City funding, SWCD

#	Hazard	Mitigation Strategy	City of Owatonna Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	City Comments on Planning Mechanisms for Implementation	Possible Funding
7	Flooding	Local Planning & Regulations	Continue to buy out and remove houses that repetitively flood along Lemond Road, North Elm Avenue, Walnut Avenue, North Street, North Oak, Dane Road, Cherry Street and Maple Drive. Other properties may make sense to acquire due to localized flooding.	Ongoing	High	2017-2021	City of Owatonna	City Planning & Public Works Dept.	The City of Owatonna has made significant improvement in these areas through property acquisitions. Only a small number of properties remain. The City will work to update project estimates to include remaining properties to be acquired and removed.	City Budget, **Possible FEMA grant funding for Property Acquisition**
8	Flooding	Local Planning & Regulations / Structure & Infrastructure Projects	Address the flooding of the Smith Street retaining pond, located on the corner of Smith and 18th Street S.E. During high rain events this pond overflows its banks.	New	High	2017-2021	City of Owatonna	City Planning & Public Works Dept.	*This action item was generated as part of public review and comment of the draft Steele County HMP and is recommended for the City of Owatonna to review and consider for implementation to mitigate against this flooding issue.* Public Comments: There needs to be a way to drain the Smith Street Pond to 18th Street Pond to help the pond filling so quickly. The pond is causing back-up and is not holding or draining water correctly. Houses are flooding in both their front and back yards due to this issue.	County/City Budgets, **Possible FEMA grant funding for Localized Flood Reduction Projects**

#	Hazard	Mitigation Strategy	City of Owatonna Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	City Comments on Planning Mechanisms for Implementation	Possible Funding
9	Flooding	Structure & Infrastructure Projects	Address needed storm sewer improvements in the Southeast corner of Owatonna between Smith Avenue on the West, Highway 218 on the East, Havana Street on the North and 18th Street on the South.	New	High	2017-2021	City of Owatonna	City Planning & Public Works Dept. in coordination with Steele County engineers (Roads & Public Works)	*This action item was generated as part of public review and comment of the draft Steele County HMP and is recommended for the City of Owatonna to review and consider for implementation to mitigate against this flooding issue.* Public comments: Between 2010-2016 there have been 4 heavy rain events that have caused the storm sewers east of Smith Avenue to back up, causing water to come out of the street storm water drains and then flood backyards between 16th St. SE and 17th St. SE, bounded on the east by Smith Avenue and on the West by Truman Avenue. The storm water system installed in the southeast section of Owatonna between Smith Avenue and Highway 218 is the cause of vastly increased storm water backing up into the storm water drainage system and flooding our area west of Smith Avenue.	County/City Budgets, **Possible FEMA grant funding for Localized Flood Reduction Projects**
10	Flooding	Local Planning & Regulations	Develop and enforce stricter zoning regulations that will not allow for any new building in flood plains.	New	High	2017-2021	City of Owatonna	City Planning & Zoning Dept.	*This action item was generated as part of public review and comment of the draft Steele County HMP and is recommended for the City of Owatonna to review and consider for implementation to mitigate against this flooding issue.*	City funding

#	Hazard	Mitigation Strategy	City of Owatonna Mitigation Action	Status	Priority Ranking	Time-frame	Jurisdictions	Responsibility	City Comments on Planning Mechanisms for Implementation	Possible Funding
11	Flooding	Local Planning & Regulations / Natural Systems Protection	Work to slow water from farmland field drain tile so that it does not flood areas on Cherry Street across from the Brooktree Golf Course during high rain events.	New	High	2017-2021	City of Owatonna	City Planning & Zoning Dept. in coordination with SWCD	*This action item was generated as part of public review and comment of the draft Steele County HMP and is recommended for the City of Owatonna to review and consider for implementation to mitigate against this flooding issue.*	City funding and possible SWCD funding

Appendix H
Past Mitigation Action Review
Status Report (2011-2017)

Steele County – Past Mitigation Action Review Status Report (2011-2017)

Following is a report on the status of each of the mitigation actions that were included in the 2010 Steele County multi-hazard mitigation plan. This report meets the following FEMA crosswalk requirement:

> **D2. Was the plan revised to reflect progress in local mitigation efforts? (44 CFR 201.6 (d)(3)**
> *The plan **must** describe the status of hazard mitigation actions in the previous plan by identifying those that have been completed or not completed. For actions that have not been completed, the plan **must** either describe whether the action is no longer relevant or be included as part of the updated action plan.*

COMPLETED
The following mitigation actions from the past MHMP have been completed and will be removed from the plan update.

Severe Summer/Winter Storms
(Steele County) Develop a severe weather warning plan to be included in the county's hazard mitigation plan. *Severe weather warnings are issued locally by trained spotters or by the National Weather Service. The dispatch center activates the emergency warning system.*

Severe Summer/Winter Storms
(Steele County) Encourage the NWS to improve timeliness and accuracy of severe storm warnings. SKYWARN and Amateur Radio Volunteers work closely with NWS. *The National Weather Service has initiated Geo-Targeted Warnings with Polygons designating the warning area. They no longer issue warnings by county. In addition the IPAWs system issues geo targeted warnings.*

Severe Summer/Winter Storms
(Steele County) Set up reporting procedures with local officials, dispatch and law enforcement. *The procedures are in place for both winter and summer storms. Warnings are initiated through the Rice / Steele Dispatch Center or the National Weather Service.*

Severe Summer/Winter Storms
(Steele County) Work with surrounding counties, Rice and Waseca, on City Watch project.

Severe Summer/Winter Storms
(Steele County) Partnered with Rice County on the CodeRed notification warning system/project initiated in May 2010.

Severe Summer/Winter Storms
(Steele County) Ensure all sirens are compliant with FCC narrow banding mandate – existing VHF frequencies will be obsolete as of January 1, 2013 and equipment must be compliant.

Severe Summer/Winter Storms
(Steele County) Hire a person (Volunteer Coordinator or Assistant Emergency Manager) committed to sustain current programs and assist County Emergency Manager with future funding opportunities. *A Deputy Emergency Management Director is in place.*

Severe Summer/Winter Storms
(Steele County) SE Regional 1 partnership is ongoing.

Severe Summer/Winter Storms

(Steele County) Steele County takes the role of lead county in regional efforts due to Emergency Manager President and Past President of AMEM.

Severe Summer/Winter Storms
(Steele County) Develop guidelines for homeowners describing what they can do to protect their home from lightning strikes.

Severe Summer/Winter Storms
(Steele County) Install backup power generators at critical facilities/infrastructure. Two current needs are the Owatonna Airport and City of Owatonna Public Works facility. *Continue to work with Ellendale, Medford and Blooming Prairie to identify critical infrastructure that needs backup generators.*

Severe Summer/Winter Storms
(Owatonna Public Utilities) Due to the 2010 flooding, Owatonna Public Utilities identified several mitigation actions. One project is to relocate a transmission substation outside of a floodplain. The other mitigation action is to bury or reinforce power lines to protect them from the natural elements.

Flood
(City of Blooming Prairie) Starting fall of 2010 the City will be constructing a storm retention pond in the NW section of the community to control storm water entering system from the rural township area west of the city.

Flood
(City of Blooming Prairie) Starting in 2011 the City will be replacing and upgrading storm water system, sanitary sewer and water main from 4th Ave NW to State Hwy 218 along th3 3rd Street corridor. The 3rd Street project will upgrade the storm sewer system to reduce local street flooding. The project will also eliminate cross connections between sanitary sewer and storm sewer. The project includes the extension of an 8" water main, which will complete the looping of an 8" water main around the community.

Flood
(City of Medford) Study the flooding that happened to the chalet and the park and identify what options there are to minimize or eliminate the flooding.

Flood
(City of Owatonna) Study how access to City facilities can be gained during a flooding event along the Straight River.

Flood
(City of Owatonna) The U.S. Geological Survey representative (Eric Wakeman) made official recommendations about the type and number of monitoring gauges needed in Steele County. *Two online flood gauges were installed in Steele County. The first addressed flooding on Maple Creek. The second was installed on the Straight River in Owatonna.*

NOT COMPLETED (DELETE)
The following mitigation actions from the past MHMP have been deemed as not relevant and will be removed from the plan update.

No mitigation actions were deleted from the 2011 plan.

<u>NOT COMPLETED (ONGOING/KEEP FOR PLAN UPDATE)</u>
The following mitigation actions from the past MHMP have not been completed, have been deemed as still relevant and will be carried over into the plan update. Actions will be revised as necessary.

Severe Summer/Winter Storms
(Steele County) Evaluate the county's current warning system: how county is notified; who is notified; how people and organizations within county are notified. *Steele County residents receive emergency warnings through the PSAP with IPAWs, the Everbridge Emergency Warning System, NOAA All Hazard Radios, and through the outdoor emergency warning siren system using voice and siren.*

Severe Summer/Winter Storms
(Steele County) Expand and organize a network of trained SKYWARN Spotters within all sections for coverage throughout Steele County. (See Above) *Steele County has trained National Weather Service SKYWARN Instructors who provide annual training sessions for county spotters, law enforcement and fire departments.*

Severe Summer/Winter Storms
(Steele County) Expand, train and organize Ham Radio Operators to enhance communications. *Steele County has trained instructors that provide annual amateur radio instruction and testing. The group also holds regular meetings and participates in field days.*

Severe Summer/Winter Storms
(Steele County) Cross train CERT/SKYWARN members to identify and notify officials of upcoming storms and report/respond to any passing storm damage. With continuing increasing membership in these organizations, there are many that are cross-trained. *Cross training of CERT and SKYWARN members occurs. Many members from CERT, Amateur Radio and SKYWARN are cross-trained. This is voluntary depending on member interest.*

Severe Summer/Winter Storms
(Steele County) Create Spotter tools – Steele County maps with GPS coordinates and training documents. Grant funds purchased 5 wind speed gauges used by SKYWARN. The SKYWARN/RADIO base has GR level 3 radar software with a goal of purchasing level. The County has provided Instant Alert for 2 years, internet access in the base, and the GIS person works closely with the group for maps/map tools. Computers, furniture and printing needs have been donated by various local businesses. *The SKYWARN program has a response plan that assigns spotters to pre-determined locations within the county that have been identified as safe spotting locations with good vantage points. What remains to be done is coordinate all spotters within the county. This includes Steele County SKYWARN, Law Enforcement Spotters, and Fire Department Spotters. With the addition of the Integrated Public Alert System with the Everbridge Emergency Warning System the Public Should Receive Geo targeted Tornado Warnings in Steele County.*

Severe Summer/Winter Storms
(Steele County) Work with surrounding county SKYWARN groups for coordinated large area warning and notification coverage. Multi county networking *Need to improve communications between the other county EOC's and spotters.*

Severe Summer/Winter Storms
(Steele County) Encourage more volunteers to become active in the severe storm spotters network (SKYWARN, CERT, Ham Radio, etc.). These programs continue to grow in numbers. *Annual training is provided in Steele County for volunteers to be trained through the National Weather Service SKYWARN spotter program.*

Severe Summer/Winter Storms
(Steele County) County entities address the language barriers in communicating disaster preparedness information and disaster warnings to the non-English population groups. *This information is provided through ECHO. http://www.echominnesota.org/library/severe-weather-warnings. Echo Increase access to life-saving emergency information by facilitating efficient mass-media messaging in multiple languages.*

Severe Summer/Winter Storms
(Steele County) Continue education campaign on NOAA weather radios to the public. Spring education campaigns done via radio, TV and newspapers. Provide weather radios to special needs populations. *Grant funding was used to provide NOAA All Hazard Weather Radios in Schools and Public Gathering Points in Owatonna. Weather Radios have been promoted through SKYWARN and anyone that purchases a NOAA Weather Radio can drop it off at the Owatonna Fire Station and SKYWARN members will program it for free to the Steele County Codes.*

Severe Summer/Winter Storms
(Steele County) Activate City Watch Warning Notification system secured with Regional Grant funding.
City Watch was discontinued and replaced by the Everbridge Emergency Warning System. The new system works better with the dispatch center equipment. IPAWS was also implemented into the system for emergency warnings.

Severe Summer/Winter Storms
(Steele County) Two new fire sirens in Blooming Prairie. The City has grown to the Southwest and the residents in the area can't hear the siren located in the center of town or the siren located on the northwest area of town. A siren in the industrial park is also needed. *New outdoor emergency warning sirens were installed in Ellendale, Blooming Prairie and Owatonna. In Owatonna the siren system was completely replaced with new sirens and voice sirens were installed at Lake Kohlmeyer, Downtown, the water park and at the Steele County Fairgrounds. A new voice siren will be installed at Brooktree Golf course.*

Severe Summer/Winter Storms
(Steele County) Ensure citizens of all cultures understand warning system. *This is accomplished through a media campaign for Severe Weather Awareness Week with the National Weather Service. Steele County also participates in the Statewide Tornado Drill in April each year.*

Severe Summer/Winter Storms
(Steele County) Foster partnerships with surrounding counties to create regional partnerships.
Steele County Emergency Management participates in a Joint Powers Board which consists of Emergency Management Directors from Homeland Security Emergency Management Region 1. There are montly meetings to promote regional initiatives.

Severe Summer/Winter Storms
(Steele County) The Emergency Manager, Utilities and CAER group continue to work with the County Planning Commission and staff to modify county subdivision regulations to require burial of all new power distribution lines before any new subdivision plats will be approved. *Steele County CAER continues*

to meet monthly. At every meeting portions of the Emergency Operations Plan is reviewed by members for the community.

Severe Summer/Winter Storms
(Steele County) Work with city and county staff, and utilities to minimize planting of tree species near power lines and require burial of power lines in new subdivisions.

Severe Summer/Winter Storms
(Steele County) Evaluate the readiness of all homes and public buildings for preventing damage from lightning. *This is accomplished through the public utilities.*

Severe Summer/Winter Storms
(Steele County) The Emergency Manager works with the County Highway Department and Minnesota Department of Transportation to limit travel on major county highways during hazardous driving conditions by blocking entrances to the major highways using freeway gates. *Steele County has been designated as an Interstate 35 closing point for Winter Weather by the Minnesota Department of Transportation. Emergency Plans have been developed to facilitation the closing of the freeway and opening of a shelter at the National Guard Armory.*

Severe Summer/Winter Storms
(Steele County) Continue education and awareness campaigns.

Severe Summer/Winter Storms
(Steele County) Assure preparedness of public shelters to handle needs of citizens and travelers. *Steele County has a shelter plan and has trained CERT members how to open the shelter at the National Guard Armory in Owatonna.*

Severe Summer/Winter Storms
(Blooming Prairie) Conduct study to review equipment - Complex distribution study will analyze the whole electrical system; equipment (capacitors, transformers, conductor), outage records, critical loads, load management, projected loads and development, upcoming road construction (state and local), and sub-station information to identify critical loads.

Severe Summer/Winter Storms
(Blooming Prairie) Conduct study to review equipment - Study will result in some future mitigation projects: sort out weak point areas to be protected, more grounding, more lightning protection, and more safety.

Severe Summer/Winter Storms
(Blooming Prairie) Conduct study to review equipment - Build computer model of system to run a load study, perform analysis and identification of construction requirements, cost estimations of the construction requirements, alternative analysis, and a written report to identify the projects, costs, and locations.

Severe Summer/Winter Storms
(Blooming Prairie) Upgrade system and install new services based on the study and community needs.

Severe Summer/Winter Storms
(Steele-Waseca Cooperative Electric) SWCE continues to protect the electrical distribution system by continuously doing line and pole inspections, trimming trees and vegetation that imperil power lines and

inspecting underground power lines. SWCE will look of opportunities to protect the power distribution system by reinforcing transmission lines or burying lines underground when feasible. *Specific projects need to be identified.*

Flood
(Steele County) Use the experience of the historic flood of September 2010 to identify other mitigation projects. *Specific projects need to be identified in each community.*

Flood
(Steele County) Study how to protect or relocate the County Highway facilities. *The relocation of the County Highway Facility is underway.*

Flood
(City of Medford) Study and identify what other areas are vulnerable to flooding along the Straight River and identify what projects might protect those areas. *Bank erosion needs to be controlled.*

Flood
(City of Owatonna) Targeted areas in Owatonna have been identified where the funding can be utilized for acquisition or relocation; houses along Lemond Road, North Elm Avenue, and Walnut Avenue. Other properties may make sense to acquire due to localized flooding. *Significant improvement has been made in these areas through property acquisitions. Only a small number of properties remain. A new area for property acquisitions is Maple Drive.*

Flood
(City of Owatonna) According to the City Planner the cost to acquire and relocate the homes and businesses in the targeted areas would be over $2 million. *Update project estimates to include remaining properties and the new area.*

Flood
(City of Owatonna) Implement Storm sewer improvements. *The city completed a storm water study that recommends improvements to the Storm Water System. The recommended improvements include pipe upgrades, retention ponds and sedimentation ponds. Due to major rainfall events in 2007, certain areas within the city received flooding from the storm sewer system. The City conducted a study of the flooded areas and identified 8 specific areas that require flood mitigation measures. The flooding mitigation in the downtown area by the library has not been completed. New Specific projects need to be identified in the Maple Creek watershed.*

Flood
(City of Owatonna) Use the experience of the historic flood of September 2010 to identify other mitigation projects. *In addition Steele County was declared a Presidential Disaster area in 2016 because of significant rainfall and flooding.*

Flood
(City of Owatonna) Study how the impacts along Maple Creek might be lessened. *Need a study to identify the problem areas and recommend mitigation strategies.*

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Appendix I
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Appendix J
Steele County Plans & Programs in Place

Planning & Regulatory

Plans/Programs	Yes/No
Comprehensive/Master Plan	Yes
Capital Improvements Plan	Yes
Economic Development Plan	Yes
Emergency Operations Plan	Yes
Continuity of Operations Plan	Yes
Transportation Plan	Yes
Stormwater Management Plan	Yes
Community Wildfire Protection Plan	No
FireWise Program	No
Water Conservation/Emergency Preparedness Plan	No
Wellhead Protection Plan	Yes
Database of dry hydrants/well access	No
Burning permits/restrictions	Yes
Water Management Plan	Yes
Zoning ordinance	Yes
Subdivision ordinance	Yes
Floodplain ordinance	Yes
Natural hazard specific ordinance (stormwater, steep slope, wildfire)	No
Flood insurance rate maps	Yes
Acquisition of land for open space and public recreation uses	Yes
School closing policy/communications plan in event of inclement weather/temperatures	Yes
Storm shelters (list all locations)	Yes
Warning sirens (list all locations)	Yes
SKYWARN Program	Yes
CodeRED Mass Notification System	Yes
Severe Weather Awareness Week	Yes
Winter Weather Awareness Week	Yes
NOAA Weather Radios	Yes
THIRA	Yes

Administrative & Technical

Administration	Yes/No
Planning Commission	Yes
Mitigation Planning Committee	Yes
Maintenance programs to reduce risk (e.g., tree trimming, clearing drainage systems)	Yes
Mutual aid agreements	Yes
Staff	**Yes/No**
Chief Building Official	Yes
Floodplain Administrator	Yes
Emergency Manager	Yes
Community Planner	Yes
Civil Engineer	Yes
GIS Coordinator	Yes
Technical	**Yes/No**
Warning systems/services (Reverse 911, outdoor warning signals)	Yes
Hazard data and information	Yes
Hazus analysis	No

Education & Outreach

Program/Organization	Yes/No
Local citizen groups or non-profit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.	Yes
Ongoing public education or information program (e.g., responsible water use, fire safety, household preparedness, environmental education)	Yes
Natural disaster or safety related school programs	Yes
StormReady certification	No
Firewise Communities certification	No
Public-private partnership initiatives addressing disaster-related issues	Yes

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Appendix K
Local Mitigation Capabilities
Assessment Report

STEELE COUNTY

2017 Local Mitigation Capabilities Assessment Report

As part of the 2017 Steele County Multi-Hazard Mitigation Plan update, city and township jurisdictions as well as County departments were invited to respond to a "Local Mitigation Capabilities Assessment" (**LMCA**) questionnaire to provide information about the current capabilities they have in place to support hazard mitigation, as well as any identified gaps or deficiencies. Information from the LMCAs was used to assist in developing new mitigation actions for the 2017 plan update. Following are the responses from those departments or jurisdictions that participated.

CITY OF BLOOMING PRAIRIE, MN

Submitted By: Michael G. Jones, City Administrator

Q1. **What <u>plans, authorities, or policies</u> are in place to help accomplish mitigation in your community?**

- The City of Blooming Prairie just updated their 20 year Comprehensive Plan (2016).
- The City Administrator represents the City Council on all the City's Commissions and Boards.
- The City Center and Fire Training room are outfitted with internet services and phone drops to operate as command center. During the 2004 rain event in Steele County both FEMA and Red Cross used the facility.

Q2. **What <u>staff</u> (organizational capacity) are in place to help accomplish mitigation in your community?**

- The City has a Planning & Zoning Commission, Fire Commission, Police Commission and Ambulance Commission.
- The City of Blooming Prairie Emergency Manager is a full-time Police Officer that represents the Police Dept., Fire Dept. and Ambulance service in any mitigation.

Q3. **What <u>programs</u> are in place to help accomplish mitigation in your community?**

- The City participates in the Steele County Emergency Alert System and provides emergency notification on the City's Facebook site.
- The Blooming Prairie Fire Dept. does fire drills annually during Fire Prevention.

Q4. **What <u>funding or other resources</u> are available to help accomplish mitigation in your community?**

- The City received PFA funding after the 2004 rain event to eliminate street flooding in the north section of the community. The City is slowly moving up the PPL list for funding to assist with eliminating street flooding on the south half of the community.

Q5. **What program gaps or deficiencies do you feel exist that are a barrier to accomplishing mitigation in your community?**

- The City needs funding to eliminate sewer cross connections and street flooding along 2nd Street South.
- The City does not currently have a tornado safe facility that can be used by travelers.

CITY OF ELLENDALE, MN

Submitted By: Jerold Ibberson, Emergency Manager

Q1. **What plans, authorities, or policies are in place to help accomplish mitigation in your community?**

- We participate in and are covered by the Steele County Mitigation plan.
- We help set up a plan for the RV park sheltering.

Q2. **What staff (organizational capacity) are in place to help accomplish mitigation in your community?**

- We have a volunteer Emergency Manager and a volunteer Fire Chief.
- We have a city engineer contract to the City.

Q3. **What programs are in place to help accomplish mitigation in your community?**

- We have encouraged people to sign up for the county emergency alert system.
- Our school practices Tornado drills.

Q4. **What funding or other resources are available to help accomplish mitigation in your community?**

- Unknown.

Q5. **What program gaps or deficiencies do you feel exist that are a barrier to accomplishing mitigation in your community?**

- We could use funding to help establish a city tornado shelter and expand emergency power to city buildings.

CITY OF MEDFORD, MN

Submitted By: Andy Welti, City Administrator

Q1. **What <u>plans, authorities, or policies</u> are in place to help accomplish mitigation in your community?**

- We have a Comprehensive Plan (2014) that is designed to plan for the future physical growth of the city and appropriate land uses.
- We have a City Planning and Zoning Commission that has established a Floodplain Ordinance.

Q2. **What <u>staff (organizational capacity)</u> are in place to help accomplish mitigation in your community?**

- Our Fire Chief is the City's designated Emergency Manager.
- We have a City Engineer and a Public Works Supervisor that could address public works and infrastructure related mitigation projects (storm water outfalls, pumping systems, park infrastructure relocation, streambank stabilization, etc.)

Q3. **What <u>programs</u> are in place to help accomplish mitigation in your community?**

- The City does not currently have programs in place to address flood mitigation.

Q4. **What <u>funding or other resources</u> are available to help accomplish mitigation in your community?**

- The City's general fund and FEMA awarded funds have paid for past flood response and recovery efforts in Medford. Mitigation efforts in the past have been limited.

Q5. **What <u>program gaps or deficiencies</u> do you feel exist that are a barrier to accomplishing mitigation in your community?**

- The City needs additional funding for mitigation planning.
- The City needs additional funding to implement mitigation of storm water outfalls, pumping systems, park infrastructure relocation, streambank stabilization, etc.

CITY OF OWATONNA, MN

Submitted By: Troy Klecker, Community Development Director

Q1.   What <u>plans, authorities, or policies</u> are in place to help accomplish mitigation in your community?

- We have Development Plan (2006) that is designed to plan for the future physical growth of the city and appropriate land uses.
- We have a City Planning Commission that has established a Floodplain Ordinance. The City participates in the National Flood Insurance Program (NFIP).
- We have a Stormwater plan to stormwater and drainage improvements to reduce repetitive flooding.

Q2.   What <u>staff (organizational capacity)</u> are in place to help accomplish mitigation in your community?

- Our Fire Chief is the City's designated Emergency Manager.
- The City has its own GIS Specialist
- We have a City Engineer/Public Works Director that addresses road maintenance issues for flooding (culverts, repetitive flooding)
- We have a Community Development Director that administers a flood buyout program for the City.

Q3.   What <u>programs</u> are in place to help accomplish mitigation in your community?

- The City has an Emergency Alert System that residents can sign up for on our website.
- The City participates in the annual Severe Winter/Spring Weather Awareness Week
- Our schools practice tornado drills on an annual basis.

Q4.   What <u>funding or other resources</u> are available to help accomplish mitigation in your community?

- The City has worked with state and federal partners to address mitigation efforts following past flood disaster events.
- The City has utilized State funding to purchase and remove structures within the floodplain.

Q5.   What <u>program gaps or deficiencies</u> do you feel exist that are a barrier to accomplishing mitigation in your community?

- The City needs additional funding to buy out properties and improve roads that experience repetitive flooding.