

CITY OF SPRINGFIELD

2 EAST CENTRAL STREET, SPRINGFIELD, MINNESOTA 56087

TEL. 507-723-3500 Fax 507-723-6210



November 20th, 2020

Jennifer E. Davis (Nelson)
State Hazard Mitigation Officer
Homeland Security and Emergency Management
Minnesota Department of Public Safety
Office: 651-201-7427
Email: jennifer.e.davis@state.mn.us

Dear Jennifer,

The City of Springfield expresses interest to build a Multi-Use Community Safe Room located in Riverside Park and Rothenburg Campground. Springfield, MN is a close-knit rural community in Brown County, MN with a population of 2,152 residents according to the 2010 U.S. Census data. Our proposed project will protect our residents and the numerous visitors that travel to our community for various events and recreational opportunities.

The Community Safe Room will be strategically located in Riverside Park to maximize utilization of our multi-use facility. We will be able to protect people that are using our campground, public outdoor pool, picnic facilities, and Recreational Sports Complex that includes baseball fields, softball fields, tennis courts, football fields, basketball courts and track/field areas.

The Community Safe Room has a Benefit Cost Analysis ratio of 5.04 and is a project that will save lives. In addition, the room will mitigate future flood damages by constructing the room above the 500-year (.2% annual flood) level. Our multi-hazard mitigation proposal is included in the 2020 Brown County Hazard Mitigation Plan. The Safe Room is designed to meet FEMA P-361 Tornado Safe Room standards.

Community support for hazard mitigation projects is tremendous. In June 2020, The City completed construction of a new baseball and football concession and restroom improvements elevated above the flood plain. Over \$450,000 was raised through donations to fund the project.

The City of Springfield project is worthy of hazard mitigation assistance through the Hazard Mitigation Grand Program. Enclosed is our detailed Community Safe Room Project Application.

Thank you for your consideration,

Joe Stremcha
City Manager & Director of Economic Development
City of Springfield
2 East Central Street
Springfield, MN 56087
Office: 507-723-3524
Email: joe.stremcha@springfieldmn.org



City of Springfield - Community Safe Room Hazard mitigation Grant Program Application Components Table of Contents

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HAZARD MITIGATION GRANT PROGRAM COMMUNITY SAFE ROOM PROJECT APPLICATION



Applicant Information

1. **Applicant Legal Name:** City of Springfield
2. **Organizational Unit:** Civil Defense
3. **Project Title:** Riverside Park and Rothenburg Campground Community Safe Room
4. **Applicant Type:** Local Government State Government
 Private Non-Profit (attach copy of Form 501c3)
5. **Is this a new or revised application?** New Revised

If revised, check appropriate box:

- Funding Change Timeline Extension
 Change in Scope of Work Other (specify below):

6. **Proposed Project Total Cost:** \$ 891,511.37

Federal Share (75.00%): \$ 668,633.53

Local Share (25.00%): \$ 222,877.84

Certifications

The undersigned assures fulfillment of all requirements of the Hazard Mitigation Grant Program as contained in the program guidelines and that all information contained herein is true and correct to the best of my knowledge. The governing body of the applicant has duly authorized the document, and hereby applies for the assistance documented in this application. Also, the applicant understands that the project may proceed ONLY AFTER FEMA APPROVAL is gained.

Joe Stremcha
Typed Name of Authorized
Representative/Applicant Agent

City Manager
Title

507-723-3524
Telephone Number


Signature of Authorized Representative/Applicant Agent

11/30/2020
Date Signed

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7. Does your community have a current FEMA approved multi-hazard mitigation plan? Yes No

Title of the Plan: Brown County 2019 Multi-Hazard Mitigation Plan

Adoption date: 9/1/2020

Location of proposed project in mitigation plan strategies: Page 270 Section G-17

Is the project type covered in the State 322 Plan: Yes Page 0 Section

8. Does the community participate in the National Flood Insurance Program (NFIP)? Yes No

Is the community in good standing with the NFIP? Yes No

9. Tax ID Number: 41-6005552

FIPS Code (5 digit): 61816

Community ID Number (6 digit): 270038

DUNS Number: 081122962

10. US Congressional District: MN1

Congressman Name: Jim Hagedorn

11. State Senatorial District: MN16

Senator Name: Gary Dahms

Senator Name:

12. State Legislative District: MN16B

Representative Name: Paul Torkelson

Representative Name:

Representative Name:

Representative Name:

13. Primary Point of Contact

The Primary Point of Contact is the person responsible for coordinating the implementation of this proposal, if approval is granted.

Ms. Mr. Mrs. First Name: Joe Last Name: Stremcha

Title: City Manager

Address Line 1: 2 East Central Street

Address Line 2:

City: Springfield State: MN Zip: 56087

Office Phone: 507-723-3524 Mobile Phone: 507-766-8767

Fax Number: 507-723-6210

Email Address: joe.stremcha@springfieldmn.org

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14. Authorized Applicant Agent

The Authorized Applicant Agent **MUST** be the chief executive officer, mayor, etc. This person must be able to sign contracts, authorize funding allocations or payments, etc.

Ms. Mr. Mrs. **First Name:** Joe **Last Name:** Stremcha

Title: City Manager

Address Line 1: 2 East Central Street

Address Line 2:

City: Springfield **State:** MN **Zip:** 56087

Office Phone: 507-723-3524 **Mobile Phone:** 507-766-8767

Fax Number: N/A

Email Address: joe.stremcha@springfieldmn.org

Project Narrative – Community Safe Room(s)

The City of Springfield proposes to construct a multi-use community safe room at the following locations.

The community safe room will be located on city property, centrally located within the City of Springfield, at Riverside Park, 211 South Cass Avenue Springfield, MN 56087.

Latitude/Longitude: 44.23666667 N, 94.97111111W

Exhibit H indicates the safe room location within the flood fringe and one-quarter mile as well as one-half mile radius shown in addition to site photos.

Exhibit Q contains the detailed Springfield Mitigation Action Chart within the 2020 Brown County Multi-Hazard Mitigation Plan.

Will the safe room be multi-purpose use?

Yes

No

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Explain the multiple use below:

The Community Safe Room will be located within Riverside Park. This site is heavily utilized during the months of March through October utilizing our Rothenburg Campground, public outdoor pool, picnic facilities, and recreational Sports Complex that includes baseball fields, softball fields, tennis courts, football fields, basketball courts and track/field areas. Substantial parking is available at this location. The multi-use facility will include a community safe room, bathroom facilities, storage space, and public event concessions, and open floor space for athletic uses.

Exhibit F references Budget Estimates and Exhibit G is a schematic of the proposed multi-use facility.

Due to:

In 2018, the softball concessions building and bathroom facilities were severely damaged during a major flood event. As part of our comprehensive strategy to proactively prepare for future events, the City of Springfield proposes construction of a Community Safe Room elevated above the 500-year flood level as a new multi-use facility. This will provide our community with an effective mitigation to address flood related damages as well as prevent loss of life.

The City of Springfield does not have sheltering available within Riverside Park that adheres to Federal Emergency Management Agency (FEMA) P-361 standards for tornado safe rooms.

Phasing

- The project will not be phased.
- The project will be phased as follows:

Phase	Deliverables	Cost Estimate
		\$
		\$
		\$
		\$
		\$
Total Cost of Community Safe Room Phases:		\$

Safe Room Purpose(s)

- Extreme wind (combined tornado and hurricane) community safe rooms
- Tornado community safe rooms
- Hurricane community safe rooms

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The safe room will allow for accessibility of persons with disabilities. Yes No

The project useful life is 30 years (or longer). Yes No

Alternatives Considered

The jurisdiction considered taking no action, as well as the following alternatives as a means of reducing risk (select all that apply):

- Constructing a new safe room Retrofitting an existing facility
 Other (explain below)

The only fiscally viable option for the City of Springfield to proceed without grant funding is to continue replacement of the concessions stand with repairs in kind. This would hinder future mitigation greatly as no community safe room would exist and the facilities would remain within the flood plain as well as be subject to repetitive flood damages. The project is not viable without FEMA financial support to assist in developing a community safe room and mitigate future flood damages.

Impacted Population and Travel Limitations

The safe room will protect 493 occupants.

If a hurricane safe room, the impacted population is (select one from below):

- Category 1 (First Responders, Critical/Essential Services Personnel, and Facility Occupants)
 Category 2 (Individuals that cannot evacuate)

The Community Safe Room will be available for all members of the community and our visitors at no cost. A significant number of low-income families reside in the City of Springfield and lack adequate storm sheltering. The median household income for Springfield is \$44,771 compared to a state average of \$65,599 (City-Data.com, 2019). The median value of a single owner-occupied home is \$81,734 while the state average is \$211,800 (City-Data.com, 2019).

The impacted population will reach the safe room by:

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Occupants will primarily walk to the safe room. There is ample parking available for those that are in need of shelter while driving as well. The building will be opened remotely when the National Weather Service issues any of the following severe weather advisories for Brown County: Severe Thunderstorm Watch, Severe Thunderstorm Warning, Tornado Watch, Tornado Warning, as ordered by Brown County, the Springfield Police, first responders, or the City of Springfield for the purpose of ensuring public safety in any emergency situation. This is subject to change based on the Operations and Maintenance plans, but will stay compliant with FEMA P-361 Guidance.

For [tornado community safe rooms](#), the impacted population should be able to reach the safe room within:

- Walking - 5 minutes of notification
- Driving - no further than 0.5 mile

The impacted population will be provided 2 hours of protection by the shelter.

- For [tornado community safe rooms](#), the minimum period of protection provided shall be 2 hours.
- For [hurricane community safe rooms](#), the minimum period of protection shall be 24 hours.

Proposed occupants will know to locate to the safe room because:

The City of Springfield and Brown County use a community wide notification system (Nixle). In the event of an emergency, notifications can be sent via IPAWS to all cellphones within the .5 mile radius of the Safe Room. Adequate signage will be posted within the .5 mile radius directing all modes of traffic to the shelter. Communication will also be provided to campers, pool participants, sport associations, and other prospective community members within The City overall.

Wind Speed Zone

The Wind Speed Zone for the proposed safe room is:

Tornado

- EF 2 (111-135 mph)
- EF 3 (136-165 mph)
- EF 4 (166-200 mph)
- EF 5 (200+ mph)

Hurricane

- Category 3 (111-129 mph)
- Category 4 (130-156 mph)
- Category 5 (157+ mph)

Identify Design Wind Speed for shelter: 250 mph

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Proposed Occupancy and Size

Tornado Safe Room (Size and Occupancy)	Min Square Feet per Safe Room Occupant (recommended)	Proposed Persons Protected	Total Square Footage Needed per Type (Multiply Column 2 x 3)
Standing or Seated	5	487	2,438
Wheel-chair bound (1 per every 200 persons protected, per ADA)	10	4	40
Bedridden	30		
Total Gross Square Footage			2,478

Hurricane Safe Room (Size and Occupancy)	Min Square Feet per Safe Room Occupant (recommended)	Proposed Persons Protected	Total Square Footage Needed per Type (Multiply Column 2 x 3)
Standing or Seated	20		
Wheel-chair bound (1 per every 200 persons protected, per ADA)	20		
Bedridden	40		
Total Gross Square Footage			

If community safe room is a hurricane safe room, the jurisdiction will also ensure the safe room is operated in a manner consistent with all local and state emergency evacuation plans and requirements.

N/A

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Usable Floor Area

Select one item from those available below that best describe the useable floor area in the proposed/ designed community safe room.

- Concentrated furnishings or fixed seating- reduce 50% **Multiplier: 50%**
- Unconcentrated furnishings and without fixed seating- reduce 35% **Multiplier: 65%**
- Open plan furnishings and without fixed seating- reduce 15% **Multiplier: 85%**

Total gross square footage (insert from above table): 4300 X “multiplier” (insert from usable floor area): 85% = Total allowable usable square footage: 3,655 sf

Project Management

Project management involves planning, executing, controlling, and completing the project in order to achieve specific goals and meet specific success criteria at the specified times, while providing updates on progress and issues ([select one](#)):

- The local jurisdiction will manage the project
- The local jurisdiction plans to hire a contractor/consultant to manage this project
- Other ([explain below](#)):

The City of Springfield has adopted an Operations and Maintenance Policy for the prospective Springfield Emergency Safe Room outlined in Exhibit J.

Feasibility and Effectiveness

The applicant certifies that the design of the proposed community safe room(s) meets or exceeds the following standards for design and construction to achieve “near-absolute protection” and will be verified by a licensed design professional:

- FEMA P 320, Taking Shelter from the Storm: Building a Safe Room for You Home or Small Business
- FEMA P-361, Safe Rooms for Tornadoes and Hurricanes- Guidance for Community and Residential Safe Rooms
- ICC 500 with incorporation of FEMA P-320 or P-361

What level of design is the project currently? Conceptual Detailed

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Operations and Maintenance Plan

The jurisdiction will provide a final Operations and Maintenance Plan prior to project closeout per Guidance Addendum C.5.1, and:

- has attached a draft operations and maintenance plan
- or assures that the operation and maintenance plan will be developed and provided during project implementation

The jurisdiction will be responsible for operations and maintenance of the resulting safe room valued at \$2,000 per year.

Environmental and Historic Preservation

Indicate date of construction for affected and/or surrounding buildings near the community safe room identified in this application in the table below.

Building and/or Address	Date of Construction
Riverside Park Is Classified To Be For Recreational Use And No Historic Sites Would Be Impacted.	N/A
	YYYY
	YYYY
	YYYY
	YYYY
	YYYY
	YYYY

Road Access

Will access roads and parking lots be installed to service the safe room, even if not paid for by the FEMA grant? [Provide details in the box below.](#) Yes No

Current conditions in Riverside park already provide adequate road access and subsequent parking for the shelter.

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Utilities

Will new above or below ground utilities be installed? (Select one from Yes/No)

Yes

No

If yes, also select one from the items below.

Utilities will be placed **above** ground

Utilities will be placed **below** ground

Provide additional details as necessary for utility construction in the box below.

The City managed utilities will provide underground water, sewer, and electrical connections.

Back Up Generator

Does the project include a backup generator? (Select one from Yes/No)

Yes

No

Provide additional details for backup generator, as necessary.

The facility itself will include a backup generator to operate lighting, air exchange and other necessary functions.

Fill Placement

Is fill being used on the community safe room site? (Select one from Yes/No)

Yes

No

If yes, is fill coming from a commercial source or other site? (Select one from Yes/No)

Commercial Source

Other Site/Location

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Provide additional details for fill placement and source of fill in the box below. If source of fill selected above is “other site/location” please provide information about the source and make up of fill for placement on the community safe room site in the box below.

The City may have excess to fill and materials from a street project to help raise the facility above the flood plain per MN DNR and FEMA requirements for hazard mitigation and fill relocation within a flood plan. A no rise certification may be necessary.

Staging Areas

Indicate location of staging areas, if any are being established for the mobilization/duration of the community safe room construction.

All staging will be done in the gravel lot adjacent to the proposed structure.

Site Flood Assessment

Is the proposed safe room located in an area identified as flood prone per Executive Order 11988? Review effective Flood Insurance Rate Maps (FIRMs), preliminary FIRMs, and/or local available flood information to determine if the proposed community safe room is identified within the area of the 100-year (1% annual chance) or 500-year (0.2% annual chance) floodplain.

- No, the proposed safe room is located outside of the 1% and 0.2% floodplain
- Yes, the proposed safe room is located inside the 0.2% (500-year) floodplain
- Yes, the proposed safe room is located inside the 1% (100-year) floodplain

Review FEMA's Map Service Center (<https://msc.fema.gov>) to review availability of effective and/or preliminary information for flood risk in your project area.

Also consider reviewing the availability of other federal, state and local flood studies in your area to assure flood risk in the project area has been assessed.

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Provide information/details to the source used to determine if the project area is flood prone in the below box

- Identify FIRM community, panel number and effective/preliminary date.
- Provide Base Flood Elevation for 1% annual chance event (100-year), if available.
- Provide Water Surface Elevation for 0.2% annual chance event (500-year), if available.
- Provide source of information if other than preliminary/effective FIRMs.

City of Springfield, 2009 - FIRM Panel Number: 27015C0280D

Flood Elevation for 100-year (1%) = 1019 FT

Flood Elevation for 500-year (.2%) = 1022.5 FT

Proposed Lowest Floor Elevation of Safe Room = 1023 FT

See Exhibit K for FIRM Site Map.

If proposed safe room is located in an area identified as flood prone (100-year (0.1%) or 500-year (0.2%)), is there a practicable alternative location outside of the floodplain where the safe room can still serve the targeted populations? Yes No

It is not feasible to locate the storm shelter outside of the flood plain while providing a multi-use functionality to fulfill the needs of both the sports complex and campground. The proposed site is an ideal location for people to have quick access to the community safe room during an emergency.

If the safe room must be located within the 100-year or 500-year floodplain, the safe room finished floor elevation must be elevated to or above the 500-year base flood elevation.

Provide the determined/calculated 500-year (0.2% annual chance event) water surface elevation for the proposed community safe room location: 1022.50 feet

What vertical datum reference is associated with 0.2% annual chance water surface elevation above:

NGVD 1929 NAVD 1988 Other: Provide vertical datum information here

Design for the community safe room will use a finished flood elevation of: 1023.00 feet

Vertical Datum NGVD 1929 NAVD 1988 Other: Provide vertical datum information here

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Proximity to Wetlands

Is the location within jurisdictional wetlands? Yes No

- If yes, is there a practicable alternative location outside of the wetland where the safe room can still serve the targeted populations?
- If not, applicant must obtain USACE permit and submit with application.

The project is not located adjacent to designated wetlands.

Approximate Dimensions for Ground Disturbance

What are the approximate dimensions for ground disturbance for the safe room?

Direction	Unit	Unit of Measure
Width	75.00	FT
Length	100.00	FT
Depth	1.00	FT
Volume of Ground Disturbance (LxWxD):		7500.00 FT

What are the approximate dimensions for ground disturbance for any new utilities?

Direction	Unit	Unit of Measure
Width	5.00	FT
Length	50.00	FT
Depth	6.00	FT
Volume of Ground Disturbance (LxWxD):		1500.00 FT

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What are the approximate dimensions for ground disturbance for any new roads or driveways to service the safe room?

Direction	Unit	Unit of Measure
Width	0.00	0
Length	0.00	0
Depth	0.00	0
Volume of Ground Disturbance (LxWxD):		0 unit

Total Ground Disturbance

	Calculated Volume	Unit of Measure
Safe Room	7500.00	FT
Utilities	1500.00	FT
Roads/Driveway	0.00	FT
Total Ground Disturbance (Safe Room + Utilities + Roads/Driveways)		9000.00 FT

Cost Effectiveness

The Cost Effectiveness methodology used for this project is:

- Benefit Cost Software:** Cost effectiveness for this project has been calculated using the FEMA approved BCA software. The Benefit Cost Ratio has been determined to be: 5.04.

A zip file or backup file of the BCA run is included with this application as required documentation.

- No BCA (if submitted, is HMGP under the 5% Initiative)

Budget Estimating

The method used to estimate project costs other than replacement costs is (provide backup documentation for method used):

- Estimates were obtained from construction contractors and similar vendors
- Historical data from previous projects/activities were utilized with an inflation factor, as needed
- Public Works personnel provided estimates based on experience or field associate experience
- RS Means, Marshall & Swift, or other National cost estimator service
- Other (explain in box on next page):

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N/A

Costs

The jurisdiction will ensure that all project costs are reasonable and necessary for the activity according to 2 CFR § Part 200 Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards.

The costs included in this project are selected below, as applicable, and detailed in the justification box:

- Pre-Award Costs (if applicable and occurred after the declaration date of relative disaster)
- Project Management (no more than 5% of total cost)
- Contract Construction
- Architect or Engineering Design Fees
- Architect or Engineering Construction Observation Fees
- Contingency Costs (not to exceed 5%)
- Land Acquisition
- Permits and Review Fees
- Bonds and Insurance
- Geotechnical Investigation
- Other (explain below)

All projects costs are factored for FEMA cost share participation to address the multi-hazard mitigations of both Flood and Safe Room mitigation improvements.

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Non-Federal Funding Share (25% of Total Project Costs)

List all sources and amounts utilized in the non-federal share including all in-kind services. In-Kind services may not exceed the 25% non-federal share. If any portion of the non-Federal share will come from non-applicant sources (*donated services, private donation, etc.*), attach letters of funding commitment for each non-applicant source.

Source	Name of Source Agency	Type Funding	Amount	Commitment Letter Attached
City	City of Springfield - Rec Complex	Cash	\$25,000.00	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
School	Springfield Public Schools - Rec Complex	Cash	\$25,000.00	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Donations	City of Springfield - Donor Funds	Cash	\$175,000.00	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Commitment of Funds Summary	City of Springfield will oversee the scope of work.	Total	\$225,000.00	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
			\$	<input type="checkbox"/> Yes <input type="checkbox"/> No

Estimated Work Schedule

Task/Activity	Schedule
Signing Grant Agreement	15 months
Design Professional Procurement	3 months
Safe Room Design	3 months
Construction Contract Bidding and Procurement	6 months
Safe Room Construction	6 months
Closing Grant (Local and State Levels)	2 months
Total - Not to Exceed 36 Months	35 months

Required Documentation Attached

- Compliance documentation with any applicable local planning, zoning, and other applicable codes
- Vicinity map with project location clearly marked
- Photos of site
- Management Costs Budget to include job titles, number of hours, and price per hour
- FIRMette with project location clearly marked

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- BCA runs/zip file, if applicable
- Detailed budget with budget narrative
- Consultation letters (additional may be required; contact applicant agency):
 - SHPO consultation/response needed if:
 - (1) structure is or will be 45 years or older at the time of FEMA application review;
 - (2) new ground is being disturbed; or
 - (3) project is located in a Historic District.This applies to all properties including alternates.
 - USACE Consultation – USACE permit needed if project is within jurisdictional wetlands.
 - Other Consultation – Describe, 100 character limit
- Funds commitment letter which lists the sources and amounts utilized in the non-Federal share requirement, including all in-kind services. Fund commitment letters from any non-applicant sources.
- Assurances (20-16c (or 112-0-3C), and SF-LLL)
- SF-424 (if required by the Grantee; contact applicant agency)
- SF-424d (if required by the Grantee; contact applicant agency)
- Construction Budget (SF-424c) (if required by the Grantee; contact applicant agency)
- Designated Authorized Agent documentation: designating authority for the signatory to sign contracts, authorize funding allocations or payments, or apply for grant funding that is signed by the ruling body of the applicant.

HAZARD MITIGATION GRANT PROGRAM COMMUNITY SAFE ROOM PROJECT APPLICATION



Provide any relevant information or explanation below

All supporting documentation is outlined in the table of contents.



Community Safe Room Application Narrative

What are the goals and objectives of this activity?

The main objective of this project would be to construct a Community Safe Room for the residents and visitors of Springfield, MN which would be compliant with FEMA 361 guidelines. Our goal is to provide shelter for the community in the event of a tornado as well as provide a multi-functional use that will meet the communities needs in the event there is a natural disaster. Further Flood Mitigation is a key factor for consideration of the proposed site location.

Briefly describe the need for this activity.

Currently, the Springfield community does not have a FEMA approved storm shelter available 24 hours a day, 7 days a week. In rural Minnesota, summer evenings and weekends are spent outdoors at the Riverside Park and Rothenburg Campground. This area is extremely busy during the peak tornado season with activities ranging from preschool t-ball to the recreational campground usage. Our concern is for the community of Springfield and its visitors, especially the children playing on these fields. In Minnesota, the weather can change with a moment's notice. Our children and community of Springfield would not be able to find a safe shelter at the ball fields. A small community like ours would be devastated by the loss of life and injuries which could have been prevented by having an adequate Community Safe Room available. The existing facility is within the 100-year flood plain and in 2018 was inundated with approximately four feet of standing water.

Describe the problems this activity will address.

By constructing a Community Safe Room centrally located at Riverside Park, we will be able to provide a safe gathering space for the public in times of disaster. The construction of a Safe Room on the city grounds will provide safety for those residents utilizing the fields, as well as for the public utilizing the public pool and campground. We ultimately seek to provide safety in the event of a natural disaster and supporting our residents with a sound peace of mind.

Describe the methodology for implementing this activity.

The Springfield Baseball and Softball Associations, Springfield Recreational Complex Board, The Springfield Public School, and the City of Springfield has met and uniformly agreed that the construction of a FEMA compliant community safe room was determined to be our most effective solution to address our communities multi-hazard mitigation strategy.

TO THE BEST OF MY KNOWLEDGE AND BELIEF, DATA WITHIN THIS APPLICATION AND ANY SUPPORTING DOCUMENTS SUBMITTED ARE TRUE AND CORRECT.



Signature of Applicant



Date Signed

Name: Joe Stremcha
Title: City Manager

Letter of Commitment of Funds

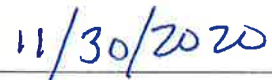
City of Springfield
2 East Central Street
Springfield, MN 56087

As a potential sub-grantee in a Hazard Mitigation Assistance (HMA) Program, The City of Springfield hereby commits the matching funds necessary for the proposed *Riverside Park and Rothenburg Campground Community Safe Room*

After FEMA approval and during project implementation, the City of Springfield acknowledges that it is responsible for providing a minimum of 25% of all eligible project costs or in local matching funds to comply with all grant cost share requirements.

As signed, we understand the responsibilities of a sub-grantee participating in the HMA program and hereby authorize the use of these non-federal funds for this proposed project.


Signature of Authorized Representative


Date


Signature of Authorized Representative



Date

EXHIBIT C

Resolution Authorizing Execution of Sub-grant Agreement

Be it resolved that the City of Springfield enter into a sub-grant agreement with the Division of Homeland Security and Emergency Management in the Minnesota Department of Public Safety for the program entitled Hazard Mitigation Assistance. Joe Stremcha, City Manager is hereby authorized to execute and sign such sub-grant agreements and any amendments hereto as are necessary to implement the project on behalf of The City of Springfield.

I certify that the above resolution was adopted by the City Council of City of Springfield on November 30th, 2020.

SIGNED:

Lowell Helget
(Signature)

MAYOR
(Title)

11/30/2020
(Date)

WITNESSETH:

Joe Stremcha
(Signature)

City Manager
(Title)

11/30/2020
(Date)

Letter of Maintenance Statement

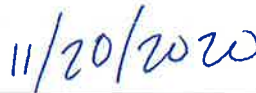
*City of Springfield
2 East Central Street
Springfield, MN 56087*

As a potential sub-grantee in the Hazard Mitigation Assistance (HMA) program, the City of Springfield will perform the annual maintenance to keep the proposed project in conformance with all federal, state, and local laws and regulations for the life of the project. The estimated cost of the annual maintenance is \$2,000.

As signed, we understand the responsibilities of a sub-grantee in the HMA and hereby
The City of Springfield will perform maintenance.



Signature of Authorized Representative



Date



Signature of Authorized Representative



Date

PUBLIC NOTICE

The City of Springfield, Springfield, MN, Brown County, in conjunction with Homeland Security and Emergency Management Minnesota Department of Public Safety, has applied for Hazard Mitigation Assistance (HMA) funding from the Federal Emergency Management Agency for Riverside Park and Rothenburg Campground Community Safe Room. The objective of HMA programs is to fund mitigation measures that reduce the risk of loss of life and property from future hazard events or disasters. The proposed project is to construct a new multi-use facility in Riverside Park as part of overall hazard mitigation. The project includes a community safe room, bathroom facilities, storage space, and public event concession stands. The project is located on city property, in a central location within the city, with ample parking available. Community support for this project is tremendous.

Under the National Environmental Policy Act, EO 11988 and EO 11990, public notice is required of any federal actions that may affect floodplains or wetlands. Under the National Historic Preservation Act, public notice is also required for some projects which have the potential to affect historic properties. All necessary permits and approvals will be obtained prior to construction and completion of the project.

Public participation is encouraged. Those interested are invited to comment within 30 days by e-mail to duane.castaldi@fema.dhs.gov or by mail to:

Duane Castaldi, Regional Environmental Officer
FEMA Region V
536 South Clark Street, 6th Floor
Chicago, IL 60605

EXHIBIT F

Springfield, MN Storm Shelter: 493 Occupants

Budget Estimate

11.30.2020

4,358 Square Feet

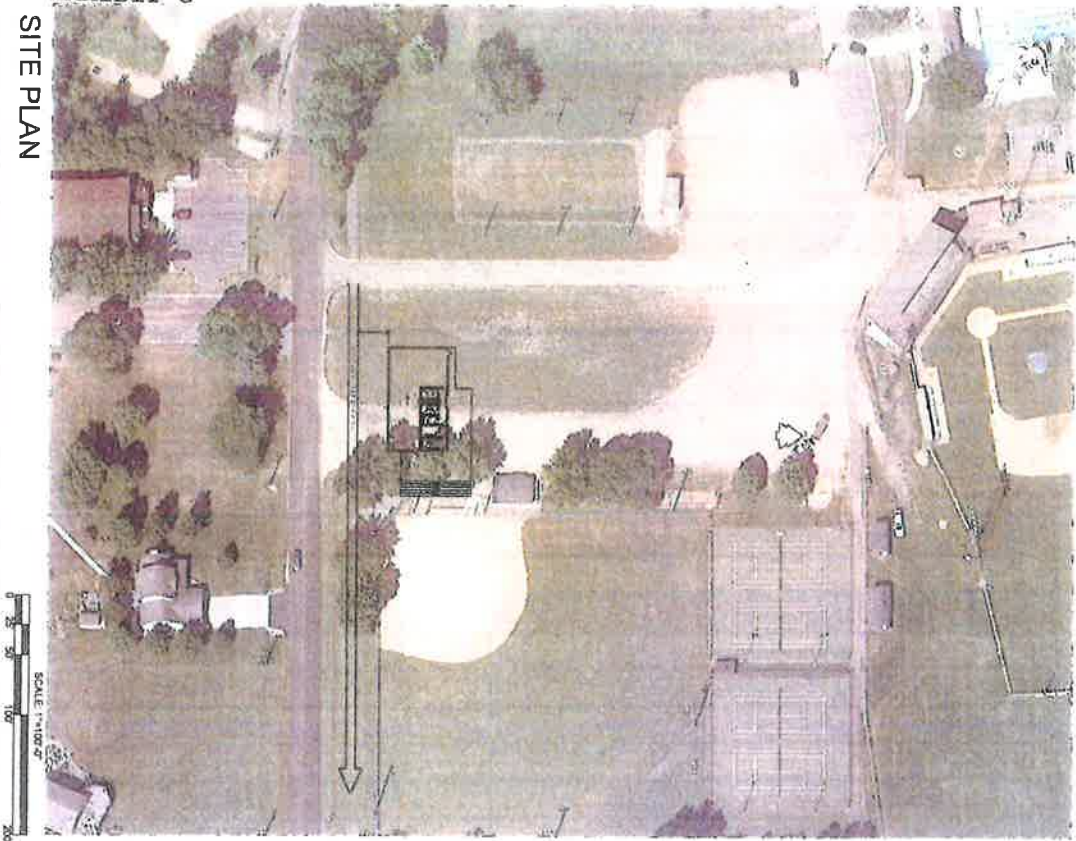
	SF/Qty/LF	Cost per Unit	Estimate
Site Work Costs			
Misc. Site Removals	1	\$4,000.00	\$4,000.00
Erosion Control	1	\$5,000.00	\$5,000.00
Grading (Cut/Fill)	1	\$7,000.00	\$7,000.00
Grade Transition (prep for stairs/ ramp)	1	\$4,000.00	\$4,000.00
Sand Cushion (6")	1	\$3,000.00	\$3,000.00
Sand at Stoops	1	\$2,000.00	\$2,000.00
Catch Basins/Manholes (48" Structures)	1	\$12,000.00	\$12,000.00
Site Drainage Pipe (RCP Pipe)	1	\$6,000.00	\$6,000.00
Drain Tile	0	\$0.00	\$0.00
San. Sewer Manhole/Connection (48" Struct.)	1	\$6,000.00	\$6,000.00
San. Sewer Connection	1	\$7,000.00	\$7,000.00
San. Sewer Pipe (8" PVC)	1	\$4,000.00	\$4,000.00
Hydrants and Gate Valves	1	\$6,000.00	\$6,000.00
Water Main - Pipe	1	\$5,000.00	\$5,000.00
Water Service - Domestic	1	\$1,000.00	\$1,000.00
Dry Tap/Connections	1	\$6,000.00	\$6,000.00
Heavy Duty Pavement Repair	1	\$3,000.00	\$3,000.00
Concrete Walks/Plaza	1	\$14,000.00	\$14,000.00
Concrete Stairs/ Ramp	1	\$20,000.00	\$20,000.00
Concrete Bleachers	1,500	\$10.00	\$15,000.00
Steel Handrails	60	\$100.00	\$6,000.00
Seed - Basic	1	\$1,000.00	\$1,000.00
Sod - Basic	1	\$2,000.00	\$2,000.00
Trees/Shrubs (2.5" foundation plantings)	1	\$3,000.00	\$3,000.00
Subtotal Site Work			\$142,000.00
Building Systems			
Footings	467	\$25.00	\$11,675.00
8" Concrete Masonry Units (10' Decorative)	6,290	\$27.00	\$169,830.00
Roofing (Includes Insulation/Flashings)	4,358	\$15.00	\$65,370.00
Metal Roof Edge	273	\$40.00	\$10,920.00
Concrete Slabs	4,358	\$7.00	\$30,506.00
Precast Plank Roof	4,358	\$20.00	\$87,160.00
Rough Carpentry	1	\$5,000.00	\$5,000.00
Tornado Doors - Automatic Unlock/Lock	1	\$15,000.00	\$15,000.00
Single Doors	8	\$2,500.00	\$20,000.00
Coiling Shutters	2	\$7,500.00	\$15,000.00
Epoxy Flooring	1,170	\$7.00	\$8,190.00
Ceilings - Suspended	450	\$4.00	\$1,800.00
Toilet Room Accessories	1	\$6,500.00	\$6,500.00

292 Design Group

Stainless Counter Tops	37	\$175.00	\$6,475.00
Paint/Caulking/Sealers	5,000	\$3.00	\$15,000.00
Sub-Total Building Systems			\$468,426.00
Plumbing/HVAC Systems			
Hot Water Heater	1	\$4,000.00	\$4,000.00
Toilets/Sinks/Urinals	14	\$3,000.00	\$42,000.00
Floor Drains	7	\$1,200.00	\$8,400.00
Hose Bibbs	2	\$1,000.00	\$2,000.00
Exhasut Fan/FEMA Compliant Louvers	4,358	\$7.00	\$30,506.00
Sub-Total Plumbing/HVAC Systems			\$86,906.00
Electrical Systems			
200AMP Panel and Service	1	\$6,000.00	\$6,000.00
Mechanical Systems Connections	2	\$1,250.00	\$2,500.00
Recepticals	30	\$300.00	\$9,000.00
Exit Lighting	2	\$300.00	\$600.00
Exterior Lighting	4	\$250.00	\$1,000.00
Switches/Occupancy Sensors	16	\$350.00	\$5,600.00
Interior Lighting	42	\$250.00	\$10,500.00
15KW Invertor with 2 hour battery	1	\$30,000.00	\$30,000.00
Sub-Total Electrical Systems			\$65,200.00
Safe Room Components FEMA 361 Required			
NOAA Weather Radio	1	\$50.00	\$50.00
Police/Fire Band Radio	1	\$500.00	\$500.00
Fire Extinguishers	3	\$100.00	\$300.00
First Aid	1	\$500.00	\$500.00
Flashlights	4	\$15.00	\$60.00
Signage	1	\$800.00	\$800.00
Sub-Total Electrical Systems			\$2,210.00
Sub-Total of Construction Systems			\$764,742.00
Design Contingency	5%		\$23,421.30
Owner Contingency	5%		\$23,421.30
Total Construction Cost			\$811,584.60
Support/Architecture/Engineering Fees			
Special Inspections	1	\$5,000.00	\$5,000.00
Surveys/Tests/Soil Borings	1	\$10,000.00	\$10,000.00
Owner Costs	1	\$0.00	\$0.00
Architecture/Engineering Fees	1	\$64,926.77	\$64,926.77
Sub-Total Support/Architecture/Engineering Fees			\$79,926.77
Total Project Cost			\$891,511.37

EXHIBIT G

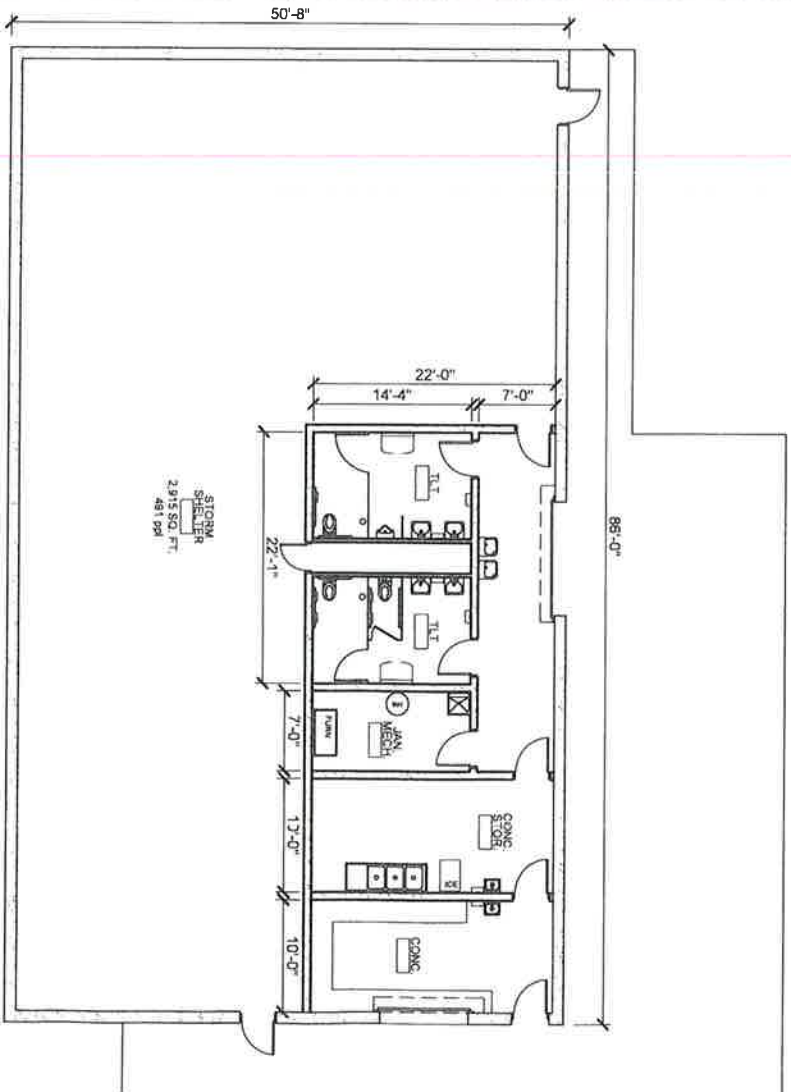
SITE PLAN



scale: Varies
Nov. 20, 2020

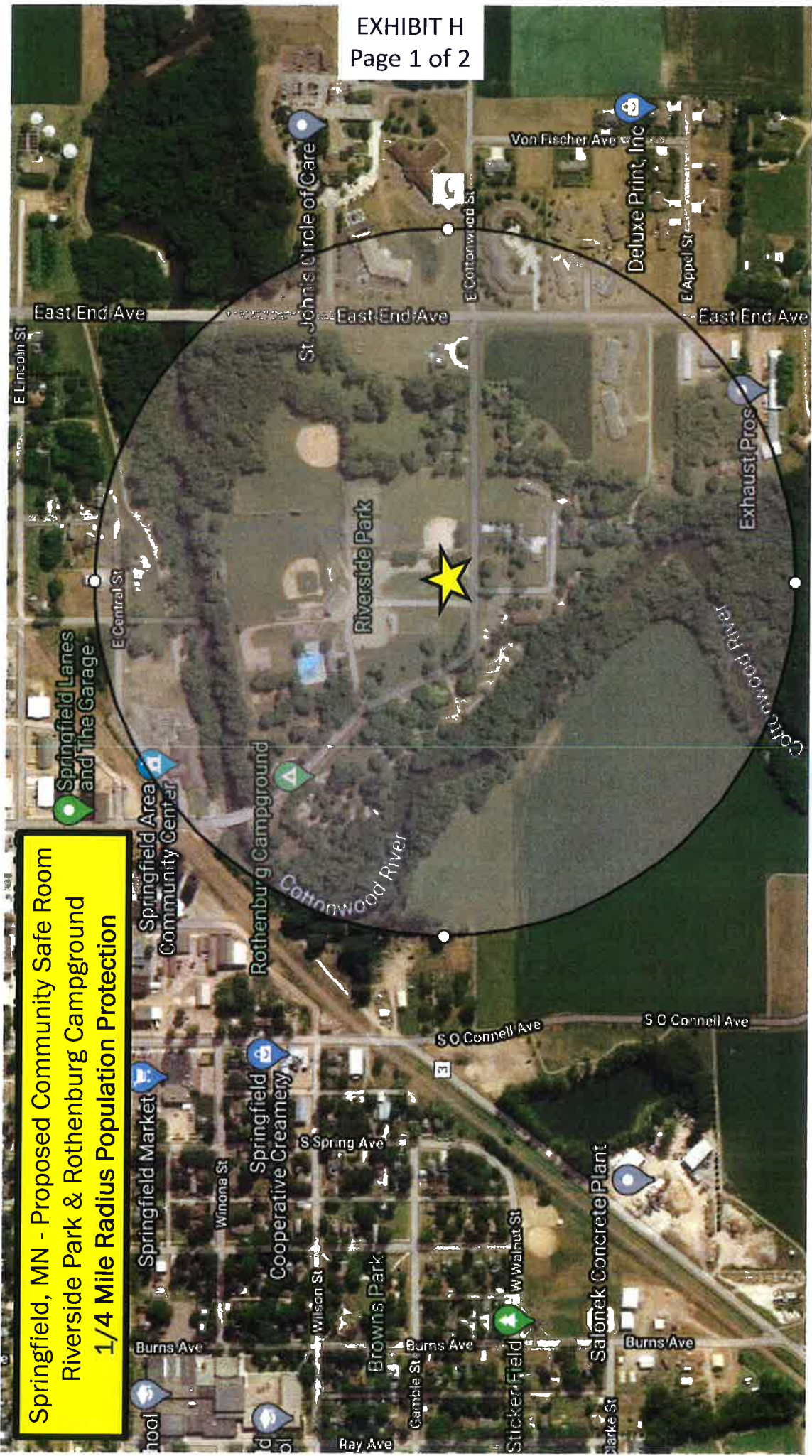
Springfield MN - Storm/Tornado Shelter
Plan Option Birch v2.0

FLOOR PLAN



Occupant: Calculations:
2,915sf Open Area X 85% = 2,478sf
4 Hdcp = 40sf
2,478 - 40 = 2,438 / 5sf/Occ = 487Occ
Total = 487 + 4 Hdcp = 491 Occupants
437sf for Furnishing, Support Equip., etc
Wind Speed Design: 250mph+ winds

292
292

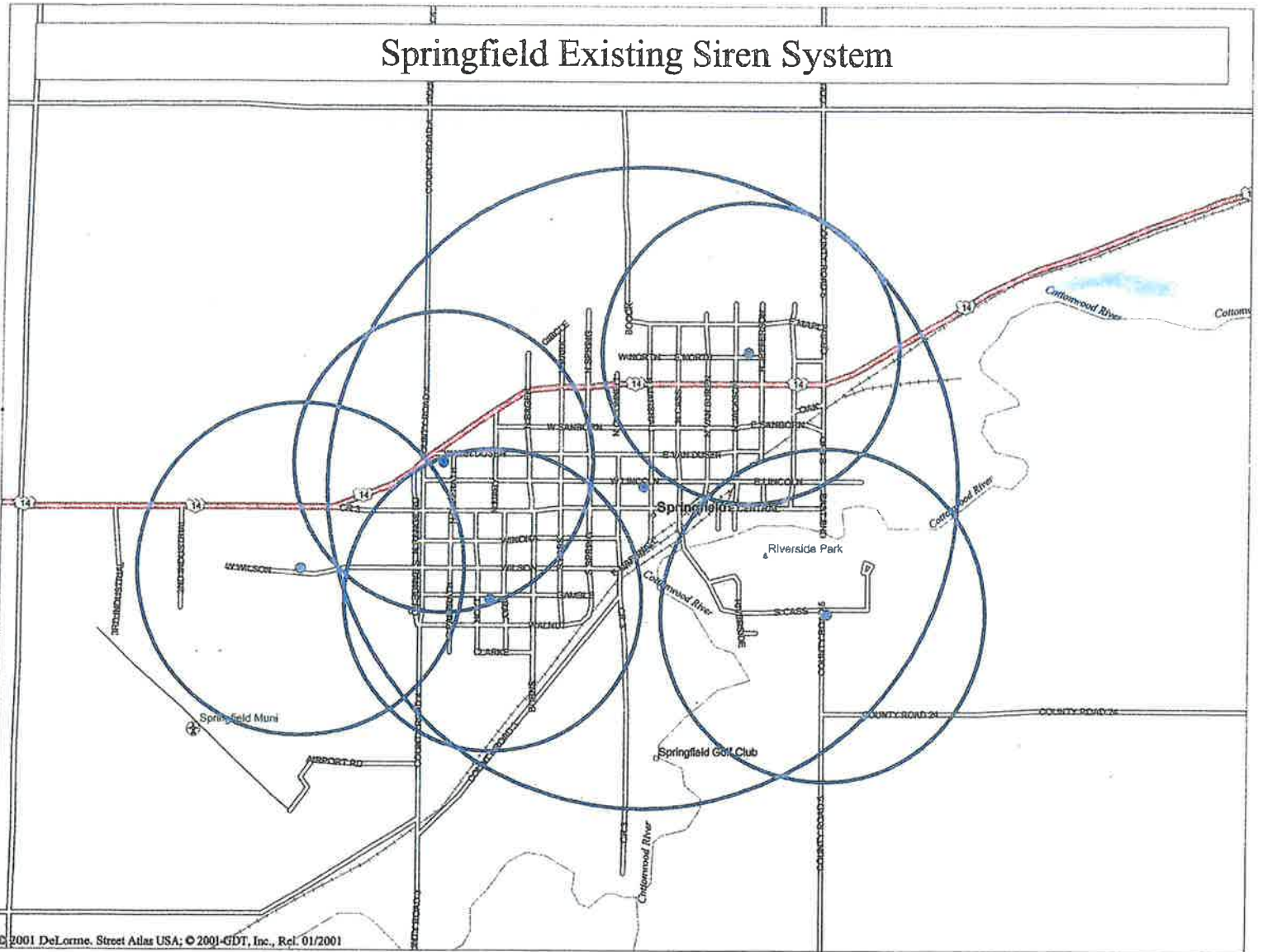


Springfield, MN - Proposed Community Safe Room
Riverside Park & Rothenburg Campground
1/4 Mile Radius Population Protection

**Springfield, MN - Proposed Community Safe Room
Riverside Park & Rothenburg Campground
1/2 Mile Radius Population Protection**



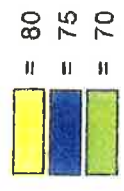
Springfield Existing Siren System



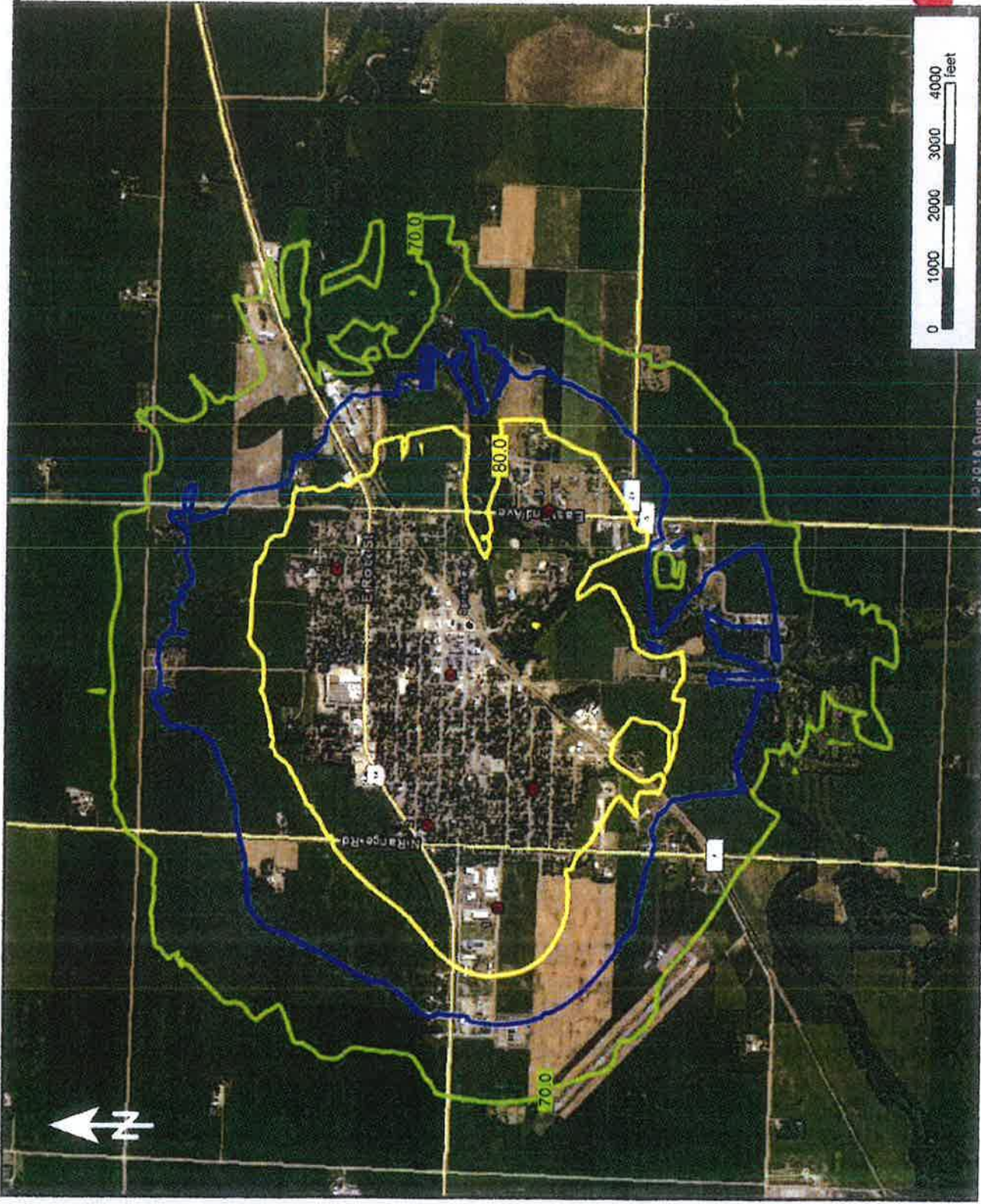


Springfield MN
Acoustic Analysis
ISO9613-2
MAP 001

L_{max}
in dB(C)



FEDERAL SIGNAL
Safety and Security Systems
Protecting people and our planet



Operations and Maintenance

For the Springfield Emergency Shelter

Located at: Riverside Park and Rothenburg Campground

211 South Cass Avenue

Springfield, MN 56087

Last Updated: November 20th, 2020

INTRODUCTION

This Operations & Maintenance Plan has been developed for a building, structure, or portion thereof that has been designed and constructed to function as a community safe room as defined by FEMA 361 Design and Construction Guidance for Community Safe Rooms (2015 Edition).

This community safe room is intended to save lives by providing a safe space that has been designed and constructed to resist the wind forces, wind-driven rain, and debris impacts from a storm or event; it is equipped to provide only the basic essentials in order to protect the occupants. Since the purpose is life safety for a minimum specified duration, community safe rooms do not provide beyond these essentials.

The focus of this Operations & Maintenance Plan is to provide procedures for the Community Safe Room Team (CSRT) to open, manage, and close down a community safe room in response to a severe windstorm or tornado.

This plan applies to the safe room that has been constructed at Riverside Park and Rothenburg Campground, 211 South Cass Avenue, Springfield, MN 56087, to provide an area of refuge to citizens and visitors within 5-minute walking/0.5 mile driving distance and will function as a Community Safe Room.

This plan was developed by selecting elements that apply to the Operations and Maintenance of The City of Springfield Safe Room.

PURPOSE OF COMMUNITY SAFE ROOMS

Community safe rooms are opened when the National Weather Service issues a Tornado Watch, Tornado Warning, Severe Thunderstorm Watch, or Severe Thunderstorm Warning for our area.

Community safe rooms are intended to save lives by providing a safe space that has been designed and constructed to resist the wind forces and debris impacts from a storm or event.

They are equipped to provide only the essentials in order to protect their occupants and to support their intended purpose (e.g., water, basic sanitation, basic first aid, and some electricity). Since the purpose is life safety for a minimum specified duration, community safe rooms do not provide beyond these essentials.

As stated above, community safe rooms are generally intended to operate for a very limited time. In a scenario involving a tornado, a community safe room may function for only a matter of hours. In most instances, evacuees should be able to return to their homes within a short time or relocate to other housing. Tornado specific community safe rooms are not intended to be used as long-term safe rooms, (e.g., providing more considerable mass care – meals, showers, and cots to displaced families). This Operations and Management document is not intended to address long-term sheltering needs or issues.

DEFINITIONS

The definitions below play an important part in the proposed Safe Room Operations and Maintenance program.

Tornado Watch: Conditions are conducive to the development of tornadoes in and close to the watch area. The officer on duty will alert safe room team once a watch has been issued.

Tornado Warning: A tornado has been sighted by spotters or indicated on radar and is occurring or imminent in the warning area. Safe room team will be activated once a tornado warning has been issued.

Severe Thunderstorm Watch: Conditions are conducive to the development of severe thunderstorms in and close to the watch area. Officer on duty will closely monitor the storm for indications of high winds and potential tornado.

Severe Thunderstorm Warning: A severe thunderstorm has been observed by spotters or indicated on radar and is occurring or imminent in the warning area. Officer on duty will closely monitor the storm for indications of high winds and potential tornado.

COMMUNITY SAFE ROOM TEAM (CSRT)

This team is comprised of community emergency responders and partners that will aid in facilitating the Community Safe Room needs for community members seeking refuge within the Tornado Safe Room. This team is integral in providing capacity for services 24 hours a day, 7 days a week.

SAFE ROOM PROTECTED POPULATION

The safe room population will consist of citizens and visitors to the City of Springfield such as those participating in evening activities, participants/spectators from athletic fields, campers, pool occupants, and community members within a 5-minute walk/ 0.5-mile driving distance.

The goal is to provide shelter in the FEMA approved safe room in a timely manner in the event of a severe wind event.

The Springfield Tornado Safe Room has been designed to occupy:
 495 ambulatory occupants (standing or seating)
 5 wheelchair occupants

COMMUNITY SAFE ROOM TEAM (CSRT)

Title	Contacts		Phone Contacts
City Manager	Joe Stremcha	Office: Cell:	507-723-3524 507-766-8767
Public Utilities Superintendent/Department	Scott Johnson	Office: Cell:	507-723-3519 507-220-8580
Police Chief/Department	John Nicholson	Office: Cell:	507-723-3514 507-220-8575
Ambulance Director/Department	Paula Thomas	Office: Cell:	507-723-3523 507-404-0053
Springfield Public Works (Parks/Street) Supervisor/ Department	Dale Knutson	Office: Cell:	507-723-3513 507-220-3431
Fire Chief/Department	Tim Grammentz	Office: Cell:	507-723-3522 507-227-4159
County Sheriff /Department	Jason Seidl Brown County Sheriff's Department	Office: Dispatch:	507-233-6700 507-233-6720 or 911

Concept of Operations

The shelter is owned and maintained by the City of Springfield. The following general policies have been agreed upon:

1. The shelter building doors will normally be locked outside of event usage. The building will be opened when the National Weather Service issues the following severe weather advisories for Brown county:
 - a. Severe Thunderstorm Watch
 - b. Severe Thunderstorm Warning
 - c. Tornado Watch
 - d. Tornado Warning
 - e. As ordered by Brown County, the Springfield Police, first responders, or the City of Springfield for the purpose of ensuring public safety in any emergency situation.

2. The shelter doors will be opened remotely when tone alert is activated by Brown County Communications (911 dispatch). On site operations team members will also be authorized to unlock the shelter during weather events described on this plan.

3. The shelter is a public building and when open, will be available for use by anyone seeking refuge from severe weather, including people who are not residents of Springfield.
4. NOAA Weather Radio, radio and television broadcasts, and sirens will be used to disseminate warnings, however, the ultimate responsibility for receiving and acting on severe weather warnings rests with the resident.
5. City, County, or Springfield management personnel will not perform door to door warnings of the residents
6. The sirens in Springfield will be sounded for Tornado Warnings only in accordance with procedures established by Brown County.
7. There will not be an "All Clear" message issued. Rather, all National Weather Service Watches and Warnings have an expiration time, after which the severe weather conditions are no longer a concern. A weather radio will be provided in the shelter so that people can monitor the situation and make their own determination as to when it is safe to leave. At the expiration of the weather watch/warning the shelter will be vacated and locked under the supervision of the Springfield Police Department if present, or an on-site operations team member.
8. Residents are encouraged to use the Severe Thunderstorm Watch and Tornado Watch information to anticipate the development of severe weather. In many cases these watches are issued well in advance of the storm. This should allow time for residents to gather essential items and move to the shelter in an orderly fashion. People should not wait for a warning to be issued to determine the need to seek shelter.
9. Springfield police department will provide support to maintain orderly operations. An onsite operations team of trained residents will respond during shelter openings to provide support.
10. The building is intended to serve as a safe place for Springfield residents and visitors to take shelter in short term severe weather situations. It is not designed for longer term situations or as a replacement or supplement to shelters provided by the American Red Cross in emergency or disaster situations. Supplies and amenities in the shelter are limited and will not support long term operations.
11. Residents are encouraged to bring with them any essential supplies that they may need to assure their comfort and safety in the shelter.

12. Parking at or near the shelter facility is limited. Residents are encouraged to walk to the shelter rather than drive. This will reduce traffic flow and parking problems. It is understood that there may also be times when severe weather develops with very little warning, and people will need to drive to the shelter. Parking will not be restricted in these cases; people will be allowed to park wherever is necessary for them to get to the shelter safely and quickly,
13. Pets will be allowed in the shelter, but only if they are brought and kept in a closed carrier or crate. A pet area will be designated within the shelter.

Responsibilities and Task Assignments

City of Springfield

- 1) Preparedness Activities
 - a. Develop and deliver community outreach program, including community meetings, distribution of printed materials, practice drills, and refresher/follow up information.
 - b. Develop, post, and maintain signs in accordance with accepted standards.
 - c. Organize and train on site operations team to respond to all shelter openings.
 - d. Perform routine checks and maintenance monthly and after each event resulting in the use of the facility, including doors/locks, equipment/supplies, backup power test, utilities/lighting, ventilation/plumbing, and signage.
- 2) During Severe Weather
 - a) Respond to requests from the those onsite
 - b) Perform routine checks and maintenance
 - c) Inventory supplies and replenish as needed
 - d) Review and revise plans and procedures as needed

Springfield Police Department

1. Preparedness Activities
 - a. Establish standard operating procedures to support the responsibilities identified in the plan
 - b. Participate in practice drills
 - c. Springfield police department will brief deputies assigned to the area on the responsibilities under the operations plan.
2. During Severe Weather
 - a. Springfield police officer will respond to the shelter if available
 - b. Maintain security and order within the shelter
3. After Shelter Use
 - a. Review and revise plans and procedures as needed

Springfield Emergency Management

1. Preparedness Activities
 - a. Prepare and maintain standard operating procedures to support the severe weather warning process.
 - b. Coordinate testing, maintenance, and repair of warning equipment
 - c. Conduct public outreach regarding severe weather warning
2. During Severe Weather
 - a. Coordinate warnings activities with severe weather spotters, the National Weather Service, and Stearns County dispatch
 - b. Serve as a backup warning point
3. After Shelter Use
 - a. Review and revise plans and procedures as needed

Brown County Public Communications Center (911)

1. Preparedness Activities
 - a. Assist Emergency Management in preparing and maintaining standard operating procedures to support the severe weather warning process
 - b. Perform regular scheduled testing of warning system components
2. During Severe Weather

In accordance with established procedures:

- a. Severe Thunderstorm Watch
 - i. Notify Emergency Management on call duty officer
- b. Severe Thunderstorm Warning
 - i. Send text page and email to Brown County's public Email Warning System list.
 - ii. Notify county Fire/EMS agencies via administrative radio channel and pager
 - iii. Notify emergency management on call duty officer
- c. Tornado Watch
 - i. Send text page and email to Brown County's public Email warning system list.
 - ii. Notify county Fire/EMS agencies via administrative radio channel and pager
 - iii. Notify emergency management on call duty officer
- d. Tornado Warning
 - i. Send text page and Email to Brown County's public Email Warning System list.
 - ii. Sound the sirens
 - iii. Notify county Fire/EMS agencies via administrative radio channel and pager

- iv. Notify county law enforcement agencies via alert tone on administrative radio channels. Tone alert triggers remote unlocking of the shelter door.
 - v. Notify Emergency Management on call duty officer
3. After Shelter Use
- a. Review and revise plans and procedures as needed

Springfield Management

1. Preparedness Activities
- a. Provide a copy of the rules and regulations for shelter use to all residents.
 - b. Have a supply of rules and regulations for use of the shelter available to all residents at city hall
 - c. Participate in the practice drills
 - d. Encourage neighbors to assist those who may require assistance traveling to the shelter in as emergency
 - e. Pre identify residents with special needs such as those who are disabled or who have serious medical issues
 - f. Provide names and phone numbers of volunteers within the area of the shelter who are willing to assist those needing assistance
 - g. Notify the town of any signage, supply or other needs that arise between scheduled checks

Springfield Residents

1. Preparedness Activities
- a. Establish an individual or family plan
 - b. Know the best routes to take to shelter
 - c. Know what kinds of things to bring (or not bring) to the shelter
 - d. Have a weather radio or other means of receiving notifications in addition to the siren
2. During Severe Weather
- a. Be aware of weather conditions especially if a watch has been issued and respond to warnings when they are issued
 - b. Bring essential equipment and supplies to the shelter such as infant and child care items, medications, protective clothing, important papers, and cell phone
 - c. Walk to the shelter if safe and practical
 - d. Assist neighbors if needed
 - e. Remain calm and orderly when in the shelter and follow all rules.
3. After Shelter Use
- a. Return the shelter to its pre use condition
 - b. Provide feedback on operations and potential improvements

Shelter Rules

1. No Smoking
2. No drugs or alcohol
3. Walk to shelter if walking can be done safely
4. If you must bring a pet, it must be confined within a carrier and placed in the designated pet area in the shelter
5. Supervise children closely and keep them nearby
6. Please keep noise to a minimum so that weather updates and instructions can be heard
7. All music and entertainment devices must be used with earphones
8. Maintain calm and orderly atmosphere
9. What to bring to the shelter:
 - a. Any needed medication or medical equipment
 - b. Personal care items, baby care items
 - c. Important papers
 - d. Appropriate clothing for weather conditions
10. What NOT to bring to the shelter:
 - a. No drugs, alcohol, or weapons of any kind will be allowed in the shelter
 - b. No large items that take up space needed for people
 - c. It is best if you do NOT bring your pet, but if you feel you must, the pet must be confined in a carrier and must be kept in the designated storage area for pets

Equipment and Supplies List

1. Communications equipment
 - a. NOAA weather radios
 - b. Public address system
 - c. Land line telephone for emergency use
2. Emergency equipment
 - a. Copies of the Operations Plan
 - b. Fire extinguishers wall mounted
 - c. Trash cans
 - d. Backup power source to power lights and communications equipment
3. First aid supplies
 - a. First aid kit containing bandages, gloves, antiseptic, antibiotic ointment, pain relievers, wipes, and first aid instruction cards/posters
 - b. AED Automatic External Defibrillator
4. Sanitary supplies
 - a. Toilet paper and paper towels
 - b. Disinfectant
5. Water
 - a. Drinking fountain

Checklists

Shelter Opening Checklist

1. Unlock doors in the event that the tone alert has not triggered automated release of door locks
2. Lights on
3. Call non-emergency number for Brown County Public Safety Communications Center at 508-233-6700 and ask them to alert the sheriff's office that the shelter has been opened
4. Communications equipment activated
5. Public address system activated

Shelter Closing Checklist

1. Make sure that the weather watch or warning has expired
2. Assess the need for additional medical assistance for anyone using the shelter that may have been injured in the storm
3. Make sure everyone and all pets have vacated the premises
4. Turn off lights and all equipment
5. Check all doors to make sure they are secured and locked

Routine Maintenance Checklist

Complete monthly and after each shelter use

1. Inspect the building for damages, hazards, security faults
2. HVAC, lighting, and plumbing testing and maintenance
3. General cleaning of interior and entryways
4. Upkeep of exterior walkways, mowing, parking area
5. Backup power supply test
6. Replenish supplies and equipment in accordance with list
7. Test all communications equipment, radios, public address system, land phone line
8. Inspect exterior for maintenance needs, roof, walls, and walkways
9. Inspect signs and maintain as needed

SAFE ROOM SUPPLIES CHECKLIST

Quantity	Item Description	In Kit?
	First Aid Kits	
1	2"x2" sterile gauze pads (box of 100)	
1	3"x3" sterile gauze pads (box of 100)	
1	4"x4" sterile gauze pads (box of 50)	
10	5"x9" sterile dressing	
300	Adhesive bandages, various sizes (3/4" to 1" sizes)	
2	Adhesive tape, 2"x5 yds	
2	Adhesive tape, 1"x5 yds	
10	2" conforming roller gauze bandages	
6	Advanced antimicrobial elastic (Ace) bandages 3"x5 yds	
4	Multi-trauma dressing 12"x30"	
3	Triangle bandages 38"x52"	
1	2" non-sterile cling gauze rolls (12 pack)	
2	Cardiopulmonary Resuscitation (CPR) breathing barrier, such as a face shield	
2	Medical grade non-latex gloves (box of 100, large)	
2	Medical grade non-latex gloves (box of 100, small)	
2	Penlights	
2	Bandage shears	
1	Cotton-tipped applicators (box of 100)	
1	Ammonia inhalant ampoules (box of 10)	
4	Instant ice packs	
4	Instant heat packs	
4	Cervical collars (I each: child, and S, M, L adult sizes)	
1	Eye wash 4 oz. bottle	
2	Eye pads	
2	Hydrogen peroxide 4 oz. bottle	
100	Towelettes, antiseptic (100 count)	
10	Safety pins	
20	Tongue depressors	
2	Triple antibiotic (anti-bacterial) ointment (box of 10 or 1 oz. tube)	
1	Tweezers	
2	Waterless alcohol-based hand sanitizer 12 oz. bottle	
	Equipment	
	NOAA Weather Radio	
	AED	
	Fire extinguisher (Building Code)	
	Drinking Fountain	
	Prybars/sledge/shovels (to open doors damaged or blocked by debris)	
	Trash receptacles, liners and ties (various sizes location)	
	Basic tool kit	

City of Springfield Safe Room
Facility Survey

Date of Inspection: _____

Monthly Inspection _____ or Post-Event Inspection _____

Inspector(s): _____

Instructions: Record whether each item is present and any item is damaged or needs replacement

SPRINGFIELD COMMUNITY SAFE ROOM EQUIPMENT AND SUPPLIES				
ITEM	Item Present		Describe Damage or Need for Replacement	Date Resolved
	Yes	No		
1-Operations Plan				
1-NOAA Radio				
10-Flashlights				
Extra Batteries				
First Aid Supplies				
Safe Room Structure	✓			
Safe Room Doors	✓			
Signage				
AED				
Drinking Fountain				
Survival Equipment (prybars, shovels)				
Other				

Head Count (Not Required for Drills): _____

Comments / Suggestions:

Signatures of Inspector:

REGULAR MAINTENANCE

The City of Springfield will be the official owner of the Safe Room and will be responsible for performing all routine maintenance of the facility. Regularly scheduled maintenance on the multi-purpose safe room will consist of the following:

Schedule		Performed by
Weekly Cleaning:	<ul style="list-style-type: none"> • Bathrooms – toilets, sinks mirrors, floors, and restocking supplies (soap, toilet paper, paper towels) • Open floor space – sweep • Dispose of garbage 	Parks Department Team Members
Monthly:	<ul style="list-style-type: none"> • Ensure batteries in flashlights are still working • Replenish battery supply • Check light bulbs and replace any that are not functioning properly • Check batteries in weather radios to ensure they are working properly • Check any radar tracking equipment to ensure it is working properly • Operate/test the heating/cooling ventilation systems • Operate/test generator 	Parks Department Team Members
Bi-Annual Basis:	<ul style="list-style-type: none"> • Checking heating and cooling ventilation system and perform a standard review of equipment to ensure proper functioning • Check hinges on doors • Practice/review emergency procedures 	Parks Department Team Members and other certified heating/cooling professionals
Annual Basis:	<ul style="list-style-type: none"> • Perform inventory on emergency supply equipment • General review of safe room interior/exterior to check for any items that may need minor repair 	Parks Department Team Members and other certified professionals

As Needed Basis:	<ul style="list-style-type: none"> • Replenish first-aid kits/supplies after a severe storm event • Train new employees • Replace batteries • Replace signage • Replace light bulbs • Snow removal • Mow grounds 	Parks Department Team Members
Generator:	<ul style="list-style-type: none"> • As per the dealer recommended maintenance schedule. See generator for scheduled maintenance schedule 	Parks Department Team Members and other certified professionals

GENERATOR

Generator maintenance will be performed as per manufacturer guidelines outlined in the generator operations manual. The standard generator maintenance will be performed and tracked on a maintenance schedule by the Head Custodian or dealer certified professional when applicable. Custodial staff will be trained on operation of the emergency generator. Directions for the operation of the generator will be clearly posted next to the generator and placed in an operations manual located in the storage area of the Safe Room.

INGRESS OPERATIONS

The Head Custodian will be responsible for ingress operations and maintenance. They are to ensure the safe room is ADA compliant, has designated parking for those with functional and access needs, and obstructions do not exist restricting access.

EDUCATING THE PUBLIC

The following methods will be utilized by the SSRT and CSRT on a regular basis throughout the year to inform the targeted protected population regarding Safe Room operations:

- Public address announcements
- Posting appropriate signage as required by FEMA 361
- Advertising in local newspaper
- Local websites and social media
- Springfield Local Access Channel 8

NON-MITIGATION USE OF FACILITY

When not in use as a safe room, the area will be utilized as athletic dryland facilities, concessions, and restrooms. The City of Springfield assures that the non-mitigation use of the facility will not prohibit the safe room from performing its mitigation purpose of life safety protection.

O&M PLAN UPDATES

The Operations and Maintenance Plan will be officially reviewed annually. Changes may be made based on the review of the plan or after drills or emergency use, or on an as needed basis. When updated, copies of the revised Operations and Maintenance Plan will be distributed to the SSRT and CSRT and any local emergency response agencies.

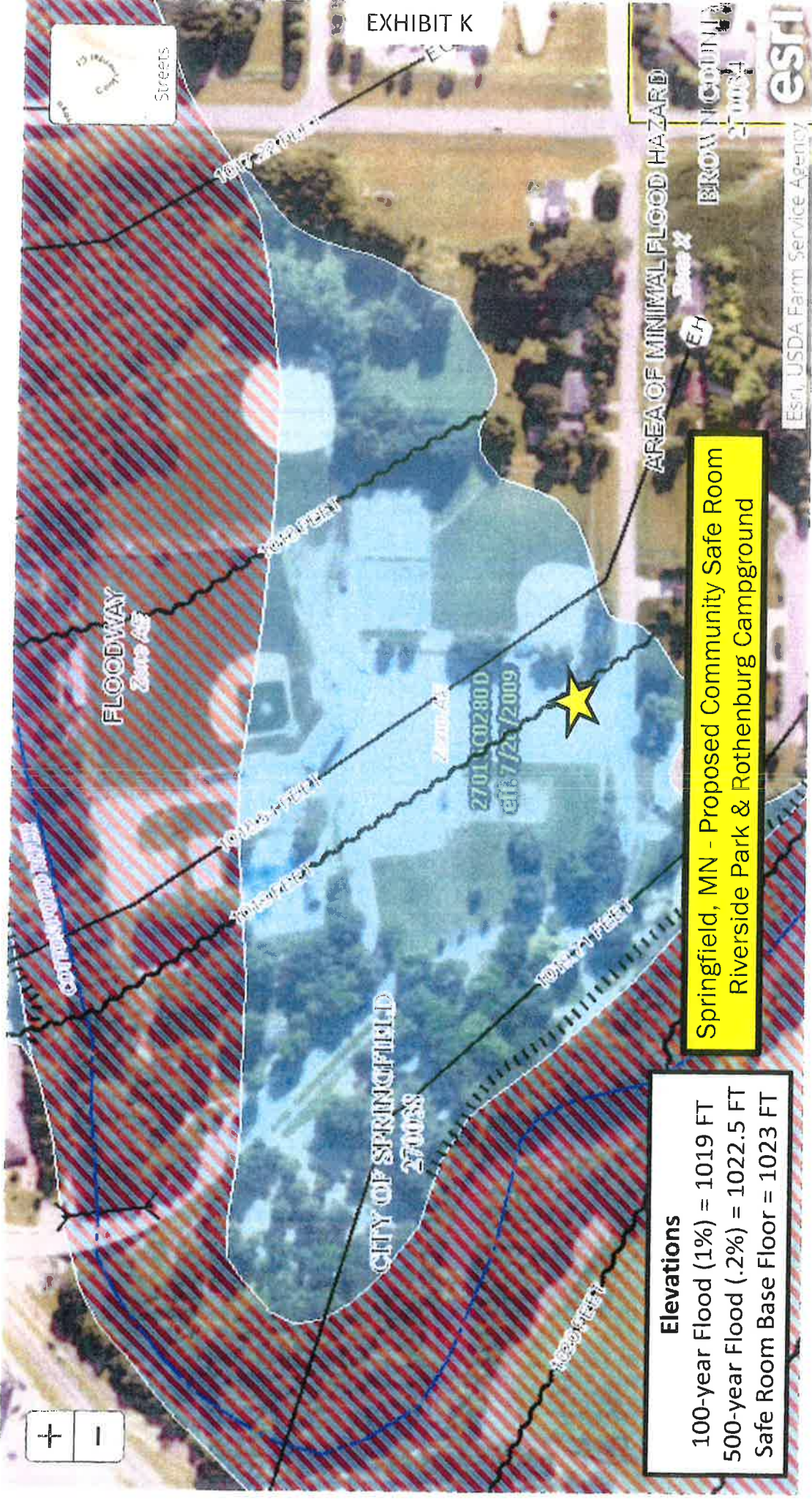
AUTHORIZED SIGNATURES

Subgrant Authorized Agent (elected official, CEO, or equivalent from the HMA project application)

<u>Joe Stremcha, City Manager</u>	<u></u>	<u>11/20/2020</u>
Name, Title (print)	Signature	Date

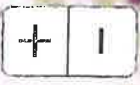
Official Responsible for Operation and Maintenance of Safe Room

<u>Dale Knutson, Parks/Street Supervisor</u>	<u></u>	<u>11/20/2020</u>
Name, Title (print)	Signature	Date



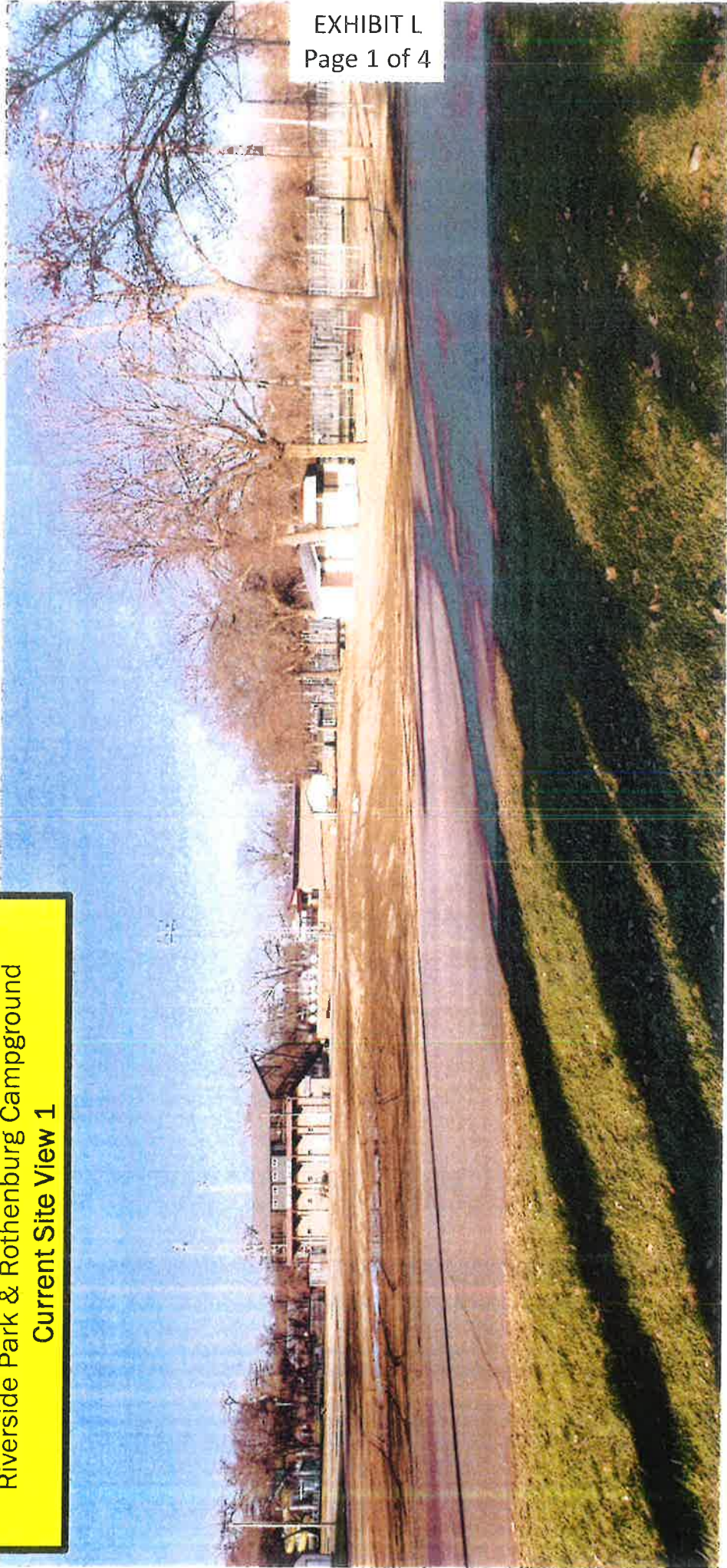
Springfield, MN - Proposed Community Safe Room
 Riverside Park & Rothenburg Campground

Elevations
 100-year Flood (1%) = 1019 FT
 500-year Flood (.2%) = 1022.5 FT
 Safe Room Base Floor = 1023 FT

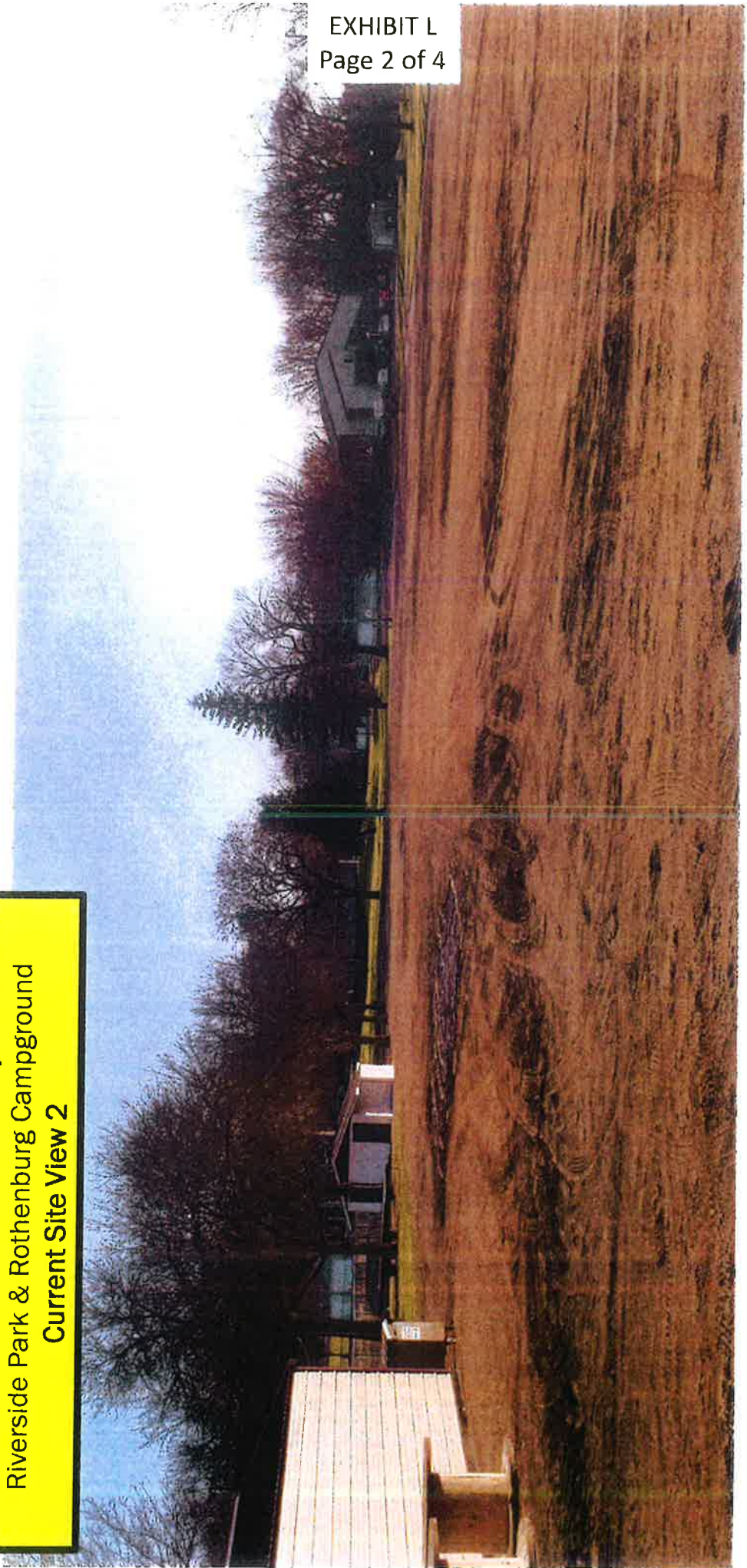


Esri, USDA Farm Service Agency

Springfield, MN - Proposed Community Safe Room
Riverside Park & Rothenburg Campground
Current Site View 1



Springfield, MN - Proposed Community Safe Room
Riverside Park & Rothenburg Campground
Current Site View 2



Springfield, MN - Proposed Community Safe Room
Riverside Park & Rothenburg Campground
Current Site View 3



Springfield, MN - Proposed Community Safe Room
Riverside Park & Rothenburg Campground
Current Site View 4



EXHIBIT M

Project Summary				
Mitigation Title	Hazard	Benefits (B)	Costs (C)	BCR (B/C)
Community @ 44° 14' 8"; -94° -58' -18"				
94° -58' -18"	Tornado Safe Roo	\$4,630,439	\$919,113	5.04
Total		\$4,630,439	\$919,113	5.04

Property Configuration	
Property Title:	Community @ 44° 14' 8"; -94° -58' -18"
Property Location:	56087, Brown, Minnesota
Property Coordinates:	44.2355556, -94.9716667
Hazard Type:	Tornado Safe Room
Mitigation Action Type:	Community
Property Type:	Non-Residential Building
Analysis Method Type:	Modeled Damages

Cost Estimation		Community @ 44° 14' 8"; -94° -58' -18"
Project Useful Life (years):	50	
Project Cost:	\$891,511.37	
Number of Maintenance Years:	50 Use Default: Yes	
Annual Maintenance Cost:	\$2,000	

Hazard Properties - Tornado Counts for Area		Community @ 44° 14' 8"; -94° -58' -18"
Enhanced Fujita	Tornado Count	
EF0	43.43669626	
EF1	27.39970692	
EF2	15.33316687	
EF3	4.487847288	
EF4	2.069945553	
EF5	0.335111285	

Safe Room Properties		Community @ 44° 14' 8"; -94° -58' -18"
Maximum Occupancy:	493	
Designed Wind Speed:	250 mph	

Predominant Structure Type and Occupancy Parameters - Percent of Total Occupancy			Community @ 44° 14' 8"; -94° -58' -18"
	Open Areas (parks, fairgrounds, etc.)	Select Structure	
Day (6am to 6pm)	75	0	
Evening (6pm to Midnight)	100	0	
Night (Midnight to 6am)	39	0	

Predominant Structure Type and Occupancy Parameters - Percent of Total Response			Community @ 44° 14' 8"; -94° -58' -18"
	Open Areas (parks, fairgrounds, etc.)	Select Structure	
Day (6am to 6pm)	100	100	
Evening (6pm to Midnight)	85	85	
Night (Midnight to 6am)	60	60	

Total Standard Mitigation

Benefits:	\$4,630,439
Total Social Benefits:	\$0
Total Mitigation Project	
Benefits:	\$4,630,439
Total Mitigation Project	
Cost:	\$919,113
Benefit Cost Ratio -	
Standard:	5.04
Benefit Cost Ratio -	
Standard + Social:	5.04

CITY OF SPRINGFIELD

2 EAST CENTRAL STREET, SPRINGFIELD, MINNESOTA 56087

TEL. 507-723-3500 Fax 507-723-6210



November 20th, 2020

To Whom It May Concern:

The City of Springfield expresses interest to build a Community Safe Room located in Riverside Park & Rothenburg Campground to protect the residents and visitors in our community.

The City gathered detailed information needed to identify, quantify, and document the population we intend to protect with the construction of a FEMA 361 certified safe room.

According to the University of MN Climatology website, the earliest Tornado recorded in MN was in March and the latest recorded tornado was in November. The below data encompasses the months used for determining the average attendance to protect in the proposed safe room.

The total number of people that we calculated would benefit from this safe room are as follows:

Community Needs	Average Attendance	Day	Evening	Night
Local Youth and Amateur Sporting Events	250	125	250	0
Rothenburg Campground	160	160	160	160
City of Springfield Community Pool	50	50	50	0
General Public Within a ¼ Mile Walk	33	33	33	33
Proposed Community Safe Room Total	493	368	493	193

Below is the percent of total occupancy for the proposed safe room:

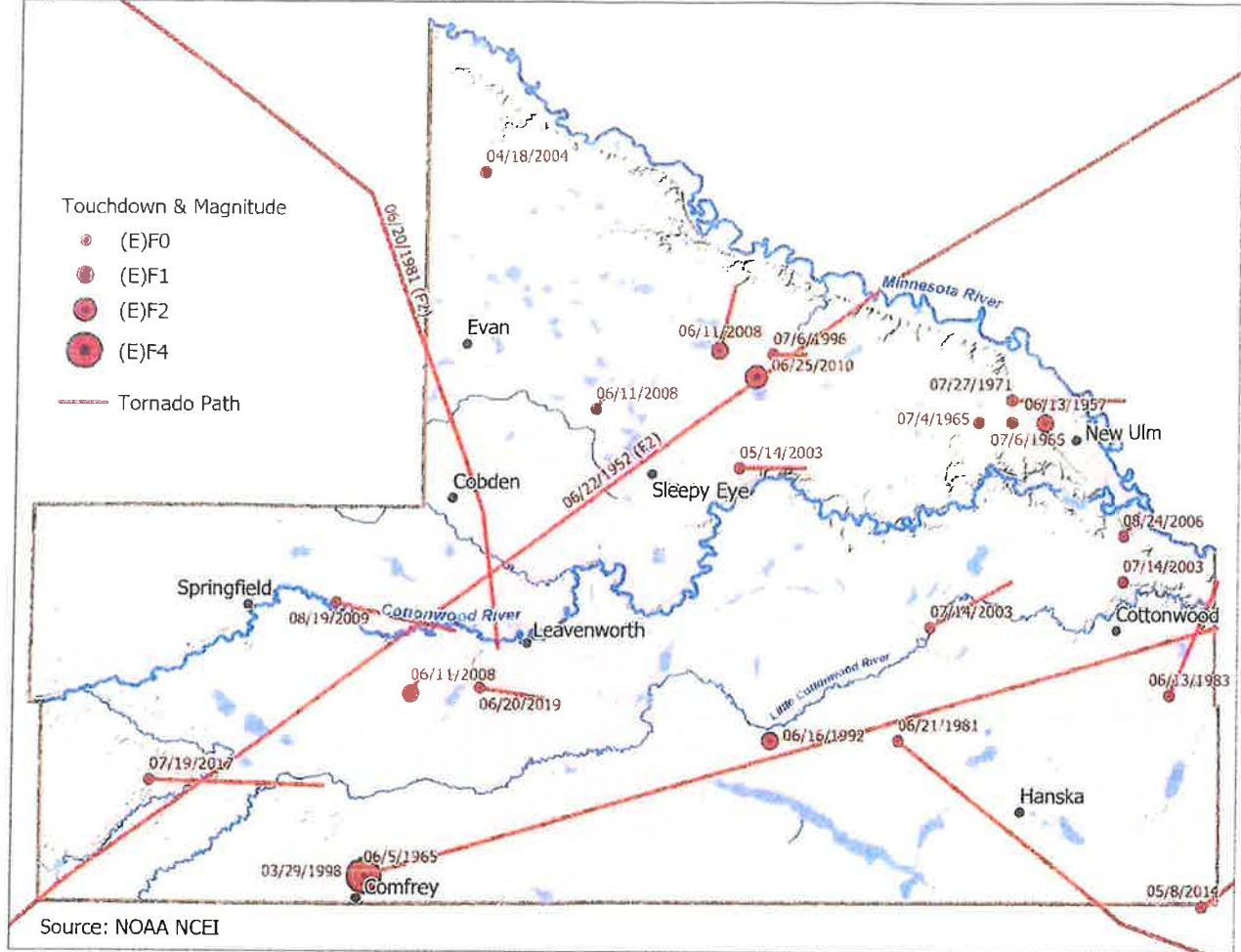
Time Period	Safe Room Usage
Day (6am to 6pm)	75%
Evening (6pm to Midnight)	100%
Night (Midnight to 6am)	39%

Thank you for your consideration,

Joe Stremcha
City Manager & Director of Economic Development
City of Springfield
2 East Central Street
Springfield, MN 56087
Office: 507-723-3524
Email: joe.stremcha@springfieldmn.org

EXHIBIT N

Figure 7. Tornado Touchdowns and Paths, 1950-2019



To determine the probability of future tornadoes in Brown County, records of previous tornado events in the county were summed and then divided by the dataset's period of record, resulting in the annual relative frequency of tornadoes. Based on records in the NCEI Storm Events Database through September of 2019, the relative frequency of tornadoes in the county is .4 per year. This relative frequency can be used to infer the probability of these events occurring in the future.

Tornadoes and Climate Change

Tornadoes and other severe thunderstorm phenomena frequently cause as much annual property damage in the U.S. as do hurricanes, and often cause more deaths. Although recent research has yielded insights into the connections between global warming and the factors that cause tornadoes and severe thunderstorms, such as atmospheric instability and increases in wind speed with altitude (Del Genio, Yao, & Jonas, 2007), these relationships remain mostly unexplored, largely because of the challenges in observing thunderstorms and tornadoes and simulating them with computer models (National Climate Assessment Development Advisory Committee, 2013).

EXHIBIT O

Please mail the completed form and required material to:

State Historic Preservation Office
203 Administration Building
50 Sherburne Ave
St. Paul, MN 55155



**Request for Project Review by the
State Historic Preservation Office (SHPO)**

- This is a new submittal
- This is additional information relating to SHPO Project #: _____ DATE: _____

I. GENERAL PROJECT INFORMATION
Project Title: <u>Riverside Park and Rothenburg Campground Community Safe Room</u>
Project Address (or Location): <u>211 South Cass Avenue</u>
City / Township (circle one): <u>Springfield</u> Zip: <u>56087</u> County: <u>Brown</u>
Legal Description: Township _____ Range _____ E/W (circle one) Section _____ Quarter-section _____
II. PROJECT CONTACT INFORMATION
Project Contact Name: <u>Joe Stremcha</u> Title: <u>City Manager</u>
Company/Agency: <u>City of Springfield</u>
Street Address: <u>2 East Central Street</u> Phone Number: <u>507-723-3524</u>
City: <u>Springfield</u> State: <u>MN</u> Zip: <u>56087</u> Email: <u>joe.stremcha@springfieldmn.org</u>
III. FEDERAL AND/OR STATE INVOLVEMENT
Federal Agency (if applicable): <u>Federal Emergency Management Agency</u> (Agency providing funds, licenses, or permits) Permit or Project Reference #: _____
State Agency (if applicable): <u>Minnesota Department of Public Safety Homeland Security and Emergency Management</u> (Agency providing funds, licenses, or permits) Permit or Project Reference #: _____
Local Agency (if applicable): _____
(Continued on Reverse Side)

Please refer to the [Instructions for Completing the Request for Project Review Form](#). Submit one *Request for Project Review* form for each project. Project submittals will not be accepted via fax or e-mail. For questions regarding the SHPO review process, please [visit our website](#) or contact Kelly Gragg-Johnson, Environmental Review Specialist, at 651-201-3285 or kelly.graggjohnson@state.mn.us.

IV. PROJECT DESCRIPTION AND BOUNDARIES

A) REQUIRED FOR ALL PROJECTS

- Write a detailed description of the proposed project. (See attached.)

Our proposed project is to construct a new multi-use facility in Riverside Park as part of overall hazard mitigation. The project includes a community safe room with bathroom facilities, storage space, etc.

- Attach a map of project location, with project area(s) clearly marked. Road names must be included and legible.

B) Architecture

Are there any buildings or structures within the project area? Yes No

If **No**, continue to the Archaeology section below. If **Yes**, submit all of the following information:

- List all buildings and structures within the project area and the year they were built. (See attached.)

- Photographs of **each** building and structure located within the project area, along with a photo key. Include streetscape images, if applicable. All photographs must be clear, crisp, focused, and taken at ground level. Aerial photos are insufficient.

- List known historic buildings or structures located within the project area (i.e., individual properties or districts which are listed in the National Register or which meet the criteria for listing in the National Register). (See attached.)

C) Archaeology

Does the proposed undertaking involve ground-disturbing activity? Yes No

If **No**, this form is complete. If **Yes**, submit all of the following information:

- Attach the relevant portion of a 1:24000-scale USGS topographic map (photocopied or computer generated) **with the project boundary marked**.

- Description of current and previous land use and disturbances: (See attached.)

Building footings and utility infrastructure will be placed at the proposed site and impact a ground disturbance volume of approximately 7,500ft

- Any available information concerning known or suspected archaeological resources within the project area. (See attached.)



2012	For Agency Use Only:			#Sec _____ Contact Rqsted? _____
	Received _____ Due _____	Inv _____	#EOs _____ Survey Rqsted? _____	
	Search Radius _____ mi. L / I / D EM	Map'd _____	#Com _____	
	NoR / NoF / NoE / Std / Sub	Let _____ Log out _____	Related ERDB# _____	

NATURAL HERITAGE INFORMATION SYSTEM (NHIS) DATA REQUEST FORM

Please read the instructions on page 3 before filling out the form. Thank you!

WHO IS REQUESTING THE INFORMATION?

Mr. Name and Title Joe Stremcha City Manager
 Ms. Agency/Company City of Springfield
 Mailing Address 2 East Central Street Springfield, MN 56087
(Street) (City) (State) (Zip Code)
 Phone 507-723-3524 e-mail joe.stremcha@springfieldmn.gov Responses will be sent via email.
 If you prefer US Mail check here:

THIS INFORMATION IS BEING REQUESTED FOR A:

- Federal EA State EAW PUC Site or Route Application Watershed Plan BER
 - Federal EIS State EIS Local Government Permit Research Project
 - NEPA Checklist Other (describe) Hazard Mitigation Grant Program
- Check here if this project is funded through any of the following grant programs: Lessard-Sams Outdoor Heritage Council (L-SOHC), Conservation Partners Legacy (CPL), or Legislative-Citizen Commission on Minnesota Resources (LCCMR).

INFORMATION WE NEED FROM YOU:

- 1) Enclose a map of the project boundary/area of interest (topographic maps or aerial photos are preferred).
- 2) Please provide a GIS shapefile* (NAD 83, UTM Zone 15N) of the project boundary/area of interest.
- 3) List the following locational information* (attach additional sheets if necessary):

For Agency Use: Region / MCBS Status	County _____	Township # _____	Range # _____	Section(s) (please list all sections)	For Agency Use: TRS Confirmed <input type="checkbox"/>
	_____	_____	_____	_____	
	_____	_____	_____	_____	
	_____	_____	_____	_____	

- 4) Please provide the following information (attach additional sheets if necessary):

Project Name: Riverside Park and Rothenburg Campground Community Safe Room
 Project Proposer: City of Springfield

Description of Project (including types of disturbance anticipated from the project):

Our proposed project is to construct a new multi-use facility in Riverside Park as part of overall hazard mitigation. The project includes a community storm shelter, bathroom facilities, storage space, and public event concession stands. The project is located on city property, in a central location within the city, with ample parking available. Community support for this project is tremendous. No disturbances are anticipated from the project.

Describe the existing land use of the project site. What types of land cover / habitat will be impacted by the proposed project?

The proposed site is located on a developed gravel parking-lot

List any waterbodies (e.g., rivers, intermittent streams, lakes, wetlands) that may be affected by the proposed project, and discuss how they may be impacted (e.g., dewatering, discharge, riverbed disturbance).

Cottonwood River - Project is identified to be in the Flood Fringe

Does the project have the potential to affect any groundwater resources (e.g., groundwater appropriation, change in recharge, or contamination)?

The project does not have th potential to affect groundwater resources

To your knowledge, has the project undergone a previous Natural Heritage review? If so, please list the correspondence #: ERDB # _____. How does this request differ from the previous request (e.g., change in scope, change in boundary, project being revived, project expansion, different phase)?

The proposed project has not undergone a Natural Heritage Review

To your knowledge, have any native plant community or rare species surveys been conducted within the site? If so, please list:

The proposed project has not undergone a native plant or rare species survey.

List any DNR Permits or Licenses that you will be applying for or have already applied for as part of this project:

No DNR permits are necessary

INFORMATION WE PROVIDE TO YOU:

1) The response will include a Natural Heritage letter. If applicable, the letter will discuss potential effects to rare features.

Check here if you are interested in a list of rare features in the vicinity of the area of interest but you do **not** need a review of potential effects to rare features. Please list the reason a review is not needed:

2) Depending on the results of the query or review, the response may include an Index Report of known aggregation sites and known occurrences of federally and state-listed plants and animals* within an approximate one-mile radius of the project boundary/area of interest. The Index Report and Natural Heritage letter can be included in any public environmental review document.

3) A Detailed Report that contains more information on each occurrence may also be requested. Please note that the Detailed Report may contain specific location information that is protected under *Minnesota Statutes*, section 84.0872, subd. 2, and, as such, the Detailed Report may not be included in any public document (e.g., an EAW).

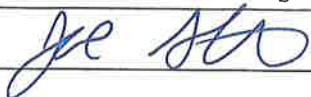
Check here if you would like to request a Detailed Report. Please note that if the results of the review are 'No Effects' or a standard comment, a Detailed Report may not be available.

FEES / TURNAROUND TIME

There is a fee* for this service. Requests generally take **3-4 weeks** from date of receipt to process, and are processed in the order received.

I have read the entire form and instructions, and the information supplied above is complete and accurate. I understand that material supplied to me from the Natural Heritage Information System is copyrighted and that I am not permitted to reproduce or publish any of this copyrighted material without prior written permission from the DNR. Further, if permission to publish is given, I understand that I must credit the Minnesota Division of Ecological and Water Resources, Minnesota Department of Natural Resources, as the source of the material.

Signature (required)



Note: Digital signatures representing the name of a person shall be sufficient to show that such person has signed this document.

Mail or email completed form to:

Lisa Joyal, Endangered Species Review Coordinator
Division of Ecological and Water Resources
Minnesota Department of Natural Resources
500 Lafayette Road, Box 25
St. Paul, Minnesota 55155
Review.NHIS@state.mn.us

Form is available at
http://files.dnr.state.mn.us/eco/nhnrp/nhis_data_request.pdf

Revised March 2, 2012

* Please see the instructions on page 3.

Instructions for the Natural Heritage Information System (NHIS) Data Request Form

The Division of Ecological and Water Resources maintains the Natural Heritage Information System (NHIS), a collection of databases that provides information on Minnesota's rare plants and animals, native plant communities, and other rare features. The NHIS is continually updated as new information becomes available, and the Minnesota County Biological Survey (MCBS) is a major source of this information.

- Use this form to request information on rare features within an approximate one-mile radius of an area of interest. You may reproduce this form for your own use or to distribute. An **electronic copy** of the form is available at the DNR's web site at http://files.dnr.state.mn.us/eco/nhnrp/nhis_data_request.pdf
- If you are interested in obtaining the Rare Features Database electronically as a GIS shapefile, do not fill out this form. Please see http://files.dnr.state.mn.us/eco/nhnrp/natural_heritage_data.pdf for more information on this option.

WHO IS REQUESTING THE INFORMATION?

- The person whose name is entered on the form under the "Who is Requesting the Information" section must sign the form as an acknowledgment of the State of Minnesota's copyright on all generated reports. All correspondence and invoices will be sent to this person. Please do not ask us to send this information to a different party.
- Please include a complete mailing address. Responses will be sent via email unless you specify differently.

INFORMATION WE NEED FROM YOU:

- Include a legible map (topographic maps or aerial photographs are preferred) clearly showing:
 - 1) location and boundaries of the project,
 - 2) associated infrastructure, and
 - 3) any waterbodies that may be affected by the proposed project.
- If the project boundary is large **or** complex, please provide a **GIS shapefile** (NAD 83, UTM Zone 15) of the project boundary/area of interest. Do not include any buffers. An additional "digitizing fee" may be charged for projects that require a substantial amount of time to digitize.
- Provide a complete list of sections that the proposed project or area of interest falls within. Do not include any buffer area. Please double-check this information. Incorrect sections can delay the processing of your request, and may result in an invalid review.
- Please provide a detailed **project description**, attaching separate pages to the form if necessary. Identify the type of development (e.g., housing, commercial, utility, ethanol facility, wind farm) being proposed, the size and # of units (if applicable), construction methods, and **any associated infrastructure** such as access roads, utility connections, and water supply and/or discharge pipelines.
- We cannot begin processing data requests until we receive all parts of the request, including a map and a completed, signed form.

INFORMATION WE PROVIDE TO YOU:

- The Natural Heritage review and database reports are valid for environmental review purposes for one year, and they are only valid for the project location and description provided on the form. Please contact Lisa Joyal at lisa.joyal@state.mn.us if project details change or if a data update is needed.
- Please note that the Natural Heritage review and database reports do not address/contain locations of the gray wolf (*Canis lupus*), state-listed as special concern, or Canada lynx (*Lynx canadensis*), federally-listed as threatened, as these species are not currently tracked in the Natural Heritage Information System. See page 4.

FEEES / TURNAROUND TIME:

- There is a fee for this service. All fees are subject to change. The current fee schedule is available at http://files.dnr.state.mn.us/eco/nhnrp/natural_heritage_data.pdf. The minimum charge is \$90.00, and increases based on the time it takes us to process the request (dependent upon project size and the results of the query). Please do not include payment with your request; an invoice will be sent to you.
- There is generally a **3-4 week turn-around time** to process requests.

PLEASE SEE NEXT PAGE FOR ADDITIONAL SOURCES OF INFORMATION

ADDITIONAL SOURCES OF INFORMATION:

- The DNR Rare Species Guide (<http://www.dnr.state.mn.us/rsg/index.html>) is the state's authoritative reference for Minnesota's endangered, threatened, and special concern species. It is a dynamic, interactive source that can be queried by county, ECS subsection, watershed, or habitat.
- Information on the gray wolf (*Canis lupus*):
DNR website: <http://www.dnr.state.mn.us/mammals/graywolf.html>
USFWS website: <http://www.fws.gov/midwest/wolf/>
- Information on the Canada lynx (*Lynx Canadensis*):
DNR website: <http://www.dnr.state.mn.us/mammals/canadalynx.html>
USFWS website: <http://www.fws.gov/midwest/endangered/mammals/lynx/index.html>
- Minnesota's Comprehensive Wildlife Conservation Strategy (<http://www.dnr.state.mn.us/cwcs/index.html>) is an action plan focused on managing Minnesota's native animals whose populations are rare, declining, or vulnerable to decline. It identifies Species in Greatest Conservation Need and the Key Habitats that support them.
- The DNR Data Deli (<http://deli.dnr.state.mn.us/>) allows users to download GIS shapefiles of MCBS Sites of Biodiversity Significance, MCBS Native Plant Communities, MCBS Railroad Rights-of-Way Prairies, and Scientific and Natural Area Boundaries.
- Information on MCBS Sites of Biodiversity Significance can be found at http://www.dnr.state.mn.us/eco/mcbs/biodiversity_guidelines.html.
- Information on MCBS Native Plant Communities can be found at <http://www.dnr.state.mn.us/npc/index.html>.
- Questions? Please contact Lisa Joyal at 651-259-5109 or lisa.joyal@state.mn.us.

EXHIBIT Q

Springfield Mitigation Action Chart										
A	B	C	D	E	F	G	H	I	J	K
#	Hazard	Mitigation Strategy	Mitigation Action	Reduces Risk to New/ Existing Buildings or Infrastructure	Status	Priority	Expected Time-frame	Responsible Party	Comments on Implementation, Administration & Integration into Local Planning Mechanisms	Possible Funding

5	Severe Summer Storms / Tornado	Structure & Infrastructure Projects	Construct a tornado safe room for the Rothenburg Campground and develop an implementation strategy to reduce exposure of participants at outdoor sports complexes.	n/a	Ongoing	High	2020-2025	City Admin, Public Utilities Sup't (City EM)in cord with Brown Co. Emergency Mgmt.	Currently, in the event of severe weather, when a warning is issued campers are asked to go to the City Hall basement located at 2 East Central on main street. This is the official storm center. City wishes to increase the safety of campers with an on-site tornado-rated shelter. The city also has multiple outdoor sports venues where people are exposed and we will work with Brown County Emergency Management to assess the potential for building storm shelter facilities or additional tornado safe rooms. FEMA grant funding would be pursued for the construction of safe rooms.	City funding, FEMA HMA Grant funding
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SPRINGFIELD PUBLIC SCHOOLS

ISD #85 12 South Burns Avenue, Springfield, MN 56087

507-723-4283

Mr. Keith Kottke, Superintendent
Mr. Jeff Kuehn, Elementary Principal
Mr. Pat Moriarty, High School Principal

507-723-4283

507-723-4286

507-723-4288

"Learning For All"

1/25/19

To whom it may concern:

As Activities Director of Springfield High School, I am writing to share with you the possibilities and benefits of a storm shelter/safe area on our athletic grounds. The proposed shelter would prove to be a huge asset to our facilities and would provide safety for many participants in our athletic programs, as well as visiting teams, fans, and those community members and visitors using the facility for recreational/wellness reasons.

Our current facility is not very accommodating in the event of a storm. Our baseball/softball/and football fields are on the Riverside Park site, which is 4-5 blocks from our school and locker rooms. During the fall athletic season, we typically host about 10 football games, 4 of them being varsity games with the possibility of very large crowds. During the spring athletic seasons, we host 40 baseball/softball games, some with potentially very large crowds. In both of these seasons, there is also a very real possibility of hosting section playoff games. In addition to the contest we host, our facility is used on a daily basis for practice sessions for our Football, Cross Country, Baseball, and Softball teams. There is a walking track that meanders through the park, and a campground very close by that our community members and campers enjoy to use and frequent during the fall and spring.

This addition to our facility would greatly improve our chances of safety for all, in the event that our community is faced with inclement weather during a sporting event or practice. I appreciate your willingness to hear our voice and consider our application for this addition to our facility.

Respectfully,

Paul Arnoldi

Activities Director

Springfield High School

507-723-4288

**SPRINGFIELD AREA SOFTBALL ASSOCIATION
PO BOX 53
SPRINGFIELD, MN 56087**

January 28, 2019

To whom it may concern:

On behalf of the the Springfield Area Softball Association, we would like to extend our support of the addition of a tornado shelter in Riverside Park.

The softball field located in Riverside Park is utilized by boys and girls from Springfield and the surrounding areas ranging from 4-18 years old. It is currently home to 11 area teams. On any given day, or evening, you can find one or more teams practicing or playing a game at this location. In addition to the players and coaches, we are able to provide a safer environment to the numerous people attending these events at the field. The tornado shelter addition will allow our community to significantly reduce risks posed by potential inclement weather.

We look forward to this becoming a reality for us in the near future!

Sincerely,



Sherry Beadell
President

January 21, 2019

The need for a Tornado Shelter at Riverside Park

The Springfield Baseball Association is in favor of a tornado shelter being built at Riverside Park. The first and foremost reason is because the three fields at Riverside Park get so much usage during the summer months with baseball games ranging from amateur teams to youth teams, and softball with their youth teams. Almost every night a game is going on at least one field, and most nights several if not all the fields are being used.

This brings lots of people down to the different fields, and right now if a tornado did happen, the closest shelter is up at the Springfield City Hall, which is located several blocks away across the bridge and on main street. So if a weather emergency did occur, people would have to get in their cars, and try to drive across the bridge up to city hall, find a parking spot, then get out of their vehicles, and try to get into city hall, and into the shelter. What happens if you have hundreds of people, can you imagine the mess that could turn into.

By having a shelter located in Riverside Park, in a weather emergency, people would have less distance to go to get into the shelter, saving time and possibly lives!

With the number of games held each summer at Riverside Park, usage at Riverside Park is extensive, so what ever can be done to help make any weather emergency easier to manage the people and get them to safety should be priority number one!

Thank you for your consideration of this matter.

Sincerely,

Dale Lindmeier



President, Springfield Baseball Association

