



# City of Grand Island

Tuesday, October 27, 2009

Council Session

## Item G12

**#2009-283 - Approving Hazard Mitigation Grant Application for Sirens**

Staff Contact: Jon Rosenlund

# Council Agenda Memo

**From:** Jon Rosenlund, Emergency Management Director  
**Meeting:** October 27, 2009  
**Subject:** Hazard Mitigation Grant - Sirens  
**Item #'s:** G-12  
**Presenter(s):** Jon Rosenlund, Emergency Management Director

## Background

Hall County Emergency Management operates and maintains 38 outdoor warning sirens to alert the public of dangerous weather and other hazards. The vast majority of these devices (27 remaining) were installed between 1979 and 1981. These devices have an anticipated life span of 30 years, and existing sirens are already failing at a rate of almost 1-2 annually over the past few years.

Unfortunately, many repair parts are no longer available for these older models. Sirens which fail are replaced at significant cost on a case-by-case basis. In the past, the Emergency Management Department has planned to replace two sirens a year, as necessary. However, the department anticipates a windfall of future siren failures as these devices reach and exceed their 30-year life-span. Local funds are not likely to be sufficient to keep up with the anticipated number of replacements needed.

## Discussion

The FEMA Hazard Mitigation Grant Program (HMGP) provides grants to States and local governments to implement long-term hazard mitigation measures after a major disaster declaration. The purpose of the HMGP is to reduce the loss of life and property due to natural disasters and to enable mitigation measures to be implemented during the immediate recovery from a disaster. The HMGP is authorized under Section 404 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act.

The HMGP Grant funds up to 75% of approved projects with a local match of 25%. The Department has funds budgeted for one siren in Capital Outlay and plans to use these funds as the 25% matching funds.

The Emergency Management Department, working with NEMA, has completed a grant application (on file in the City Clerk’s office) to install twelve (12) sirens, four at a time, over a period of three years to meet this looming problem. Eleven (11) of the new sirens will replace older models while one will be installed as an expansion to the current system (see table below). Siren replacement costs are typically \$14,000 to 15,000 for each device. Sirens will be installed in the communities of Grand Island, Wood River, Alda, Cairo, and Doniphan.

Each of these new sirens have a considerably larger effective radius of 70dB estimated at 6200 feet in all directions. Sirens listed to be replaced have much smaller radii, such as 1600 feet. This will allow fewer sirens serve the community and can lead to lower utility costs over the long term (see attached pdf map).

<b>Hall County Siren Installation List</b>					
<u>Siren #</u>	<u>Description</u>	<u>Installed Year</u>	<u>Latitude / Longitude</u>	<u>Current 70dB Radius (ft)</u>	<u>New 70dB Radius (ft)</u>
1	Alda, Village of North - Vine Street - North of Highway 30	1981	N40 52.227 W98 28.054	1600	6200
3	Cairo, Village of - 300 South High St.- Behind Senior Citizen Center	1981	N41 00.023 W98 36.474	1600	6200
4	Doniphan, Village of - Fire Station	1981	N40 46.406 W98 22.181	1600	6200
5	Wood River - Central - 100 West 10th St - Fire Station	1979	N40 49.297 W98 36.123	3200	6200
13	Anna & Broadwell - 1700 Block of West Anna (Alley City Property)	1981	N40 54.724 W98 21.189	3200	6200
15	Ryder Park - 2700 West North Front St	1979	N40 55.221 W98 22.327	3200	6200
16	3436 South Locust - Across from Walmart	1981	N40 53.138 W98 20.398	1600	6200
18	4th Street & Congdon - 1500 E 4th St.	1981	N40 56.088 W98 19.603	3200	6200
19	1800 Block of N Hancock (Just North of Kingston & Hancock)	1981	N40 56.238 W98 22.409	3200	6200
27	Highway 281 & Capital Avenue Northwest Corner	1981	N40 56.803 W98 23.038	1600	6200
31	Starr School - 315 Wyandott - On School Property		N40 53.858 W98 20.451	1600	6200
New	US 281 & Wood River Road (I-80 /Mormon Island Campground)	N/A	TBD	N/A	6200

## Alternatives

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

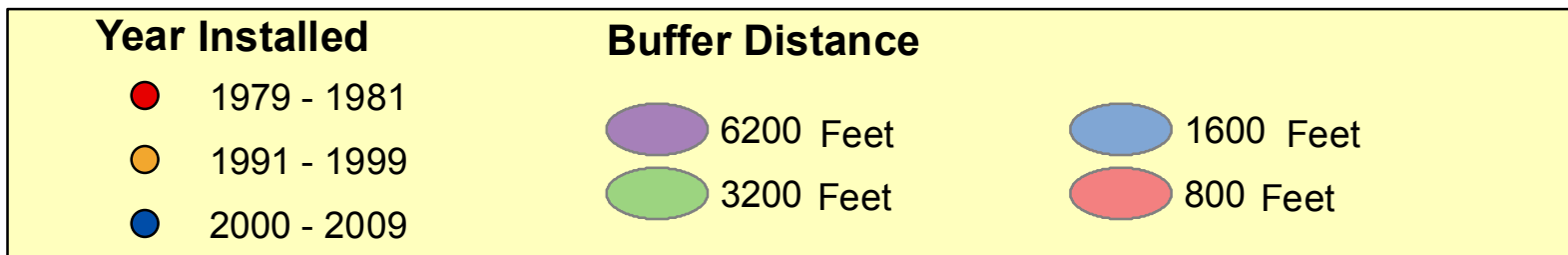
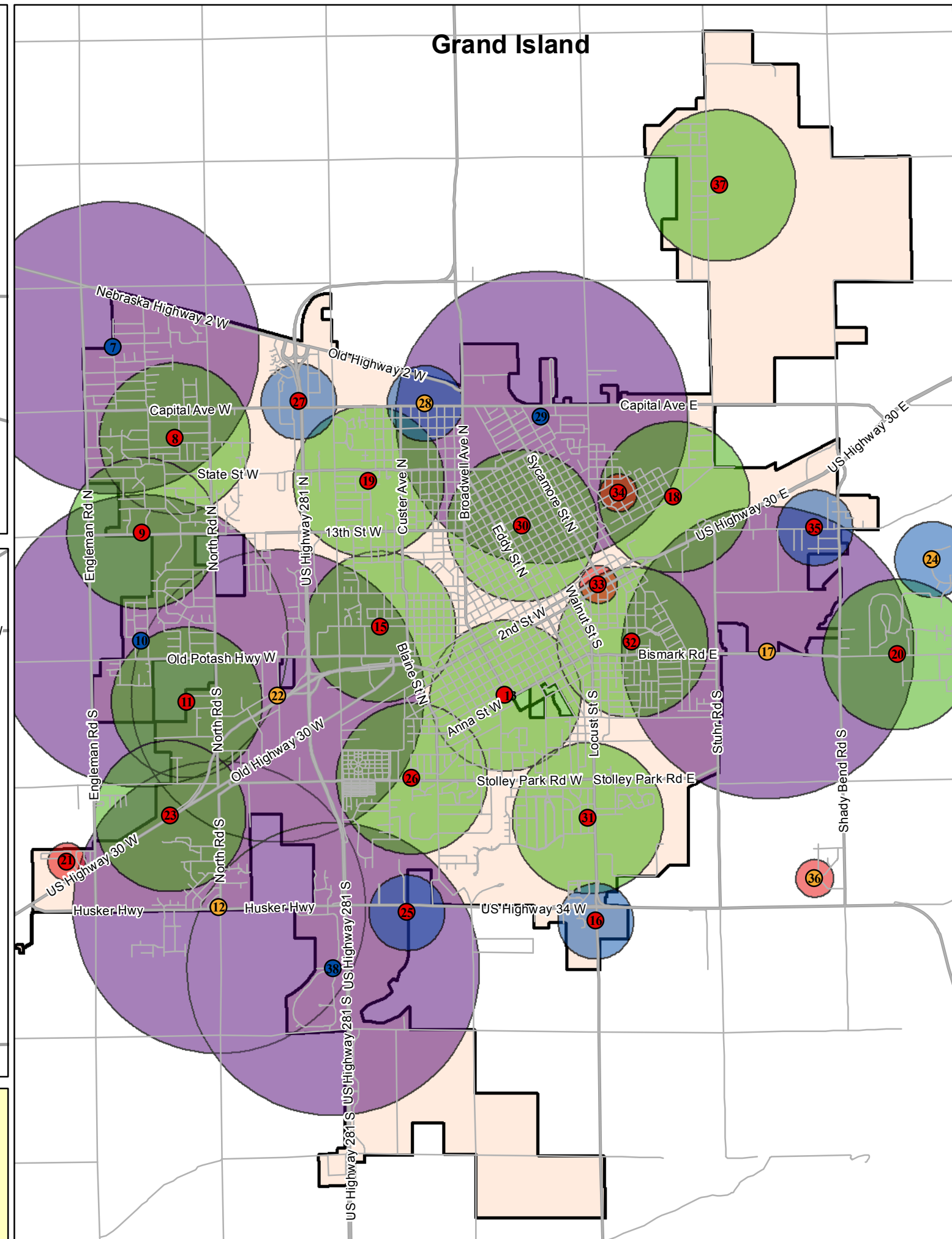
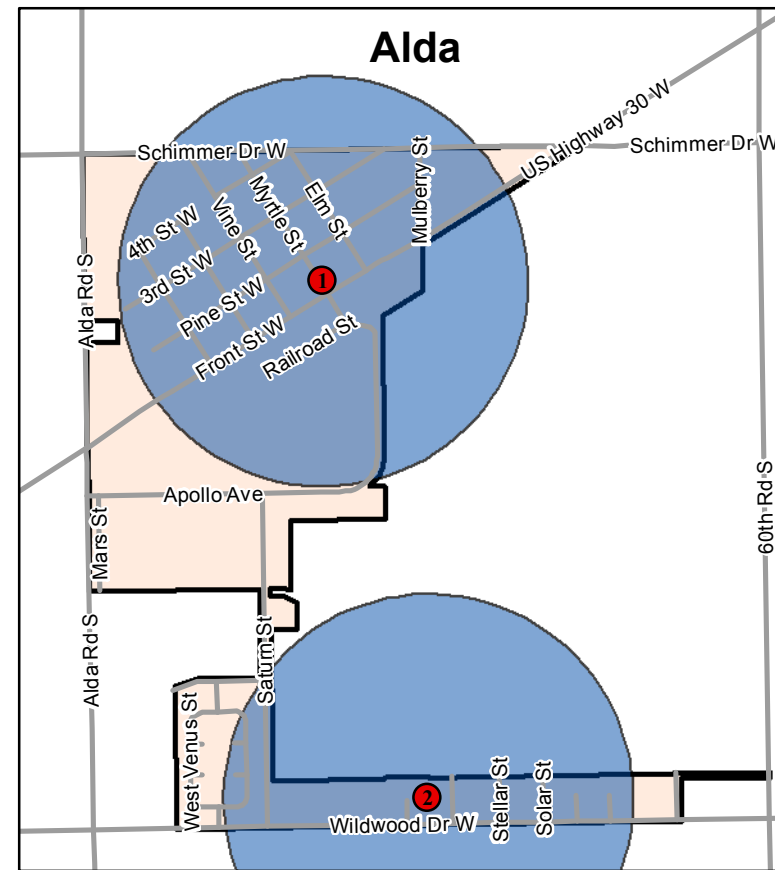
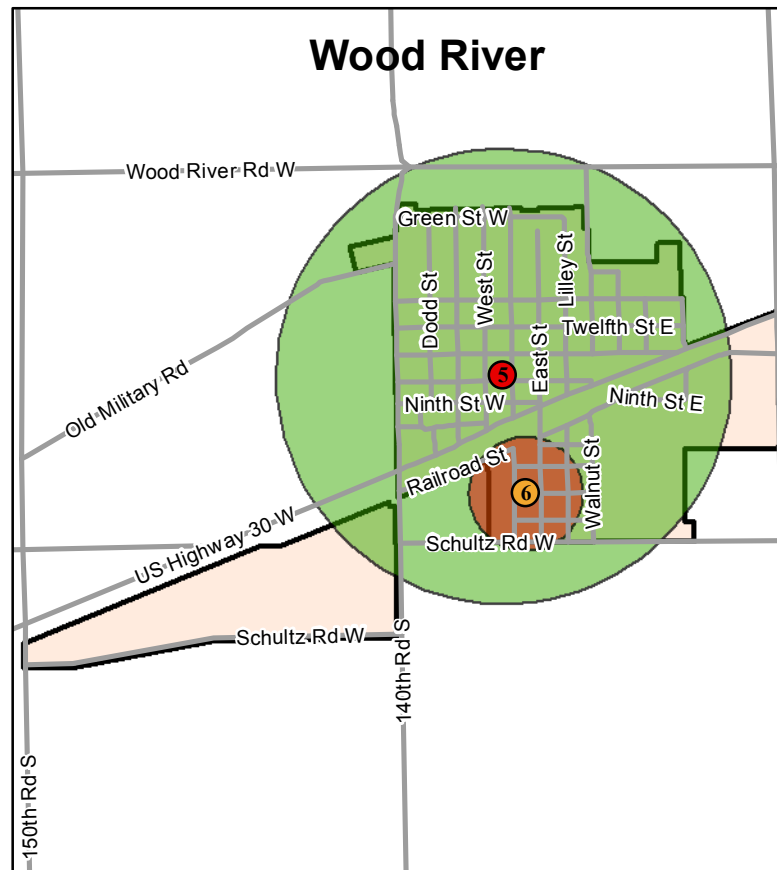
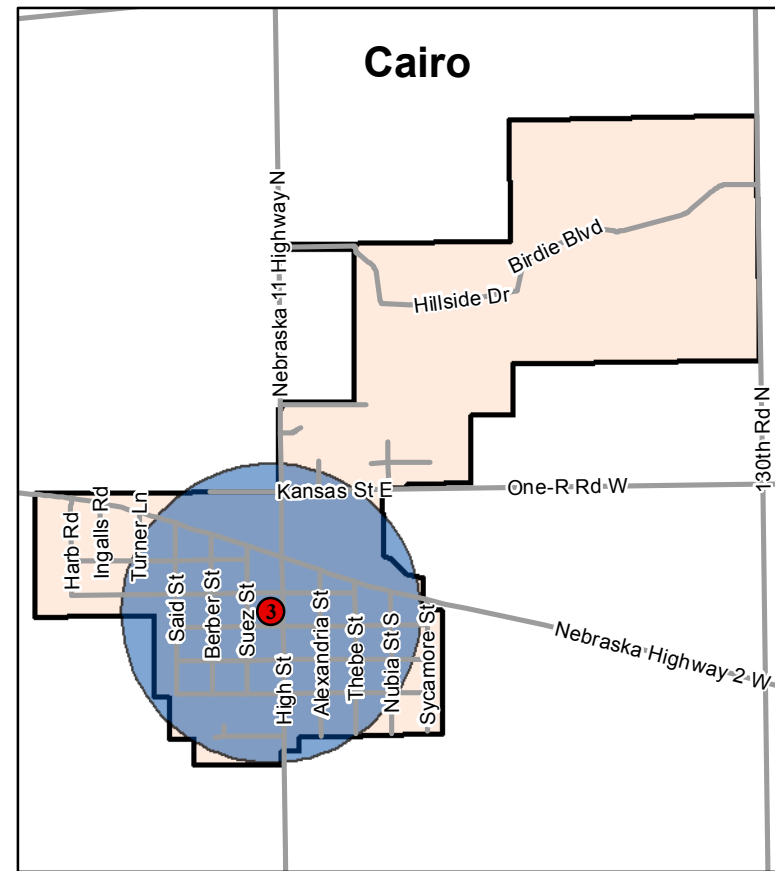
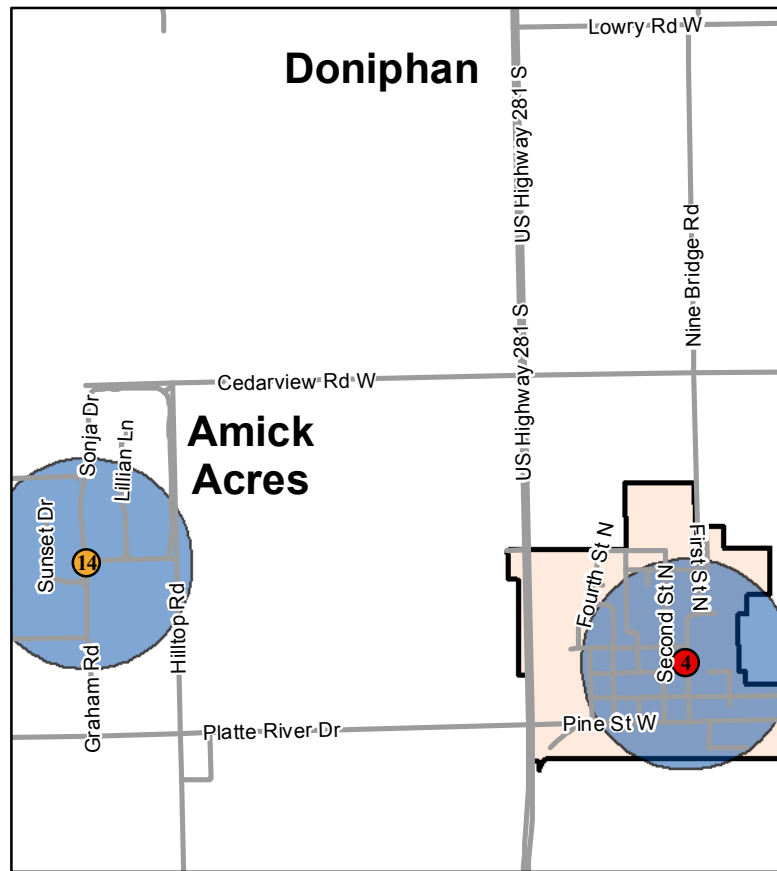
1. Move to approve
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue

## **Recommendation**

City Administration recommends that the Council approve the grant application for sirens.

## **Sample Motion**

Move to approve the grant application.



# NEBRASKA EMERGENCY MANAGEMENT AGENCY Hazard Mitigation Grant Program (HMGP) PROJECT APPLICATION

**I. Applicant Information**

Date: Aug 10 2009

New Application .  Revised Application

A. Multi-Hazard Local Mitigation Plan (LMP) Status: Approved

IF Approved:

- a) Plan Type: Local Mitigation Plan
- b) Date of Approval by FEMA: 11/13/2008
- c) Provide the location in the LMP (Section and Page Number(s)) that demonstrates the proposed project is in conformance with the LMP: Section 2.35, Pg. 28
- d) Describe how the proposed project conforms with the LMP: Project replaces older and inoperable sirens.

B. Project Title: Siren Replacement

Name of Applicant: Hall County/Grand Island Emergency Management County or Counties: Hall

C. Applicant Type: Local Government Type of Application: Non Construction Project

Private Non-Profit entities must meet the criteria defined in 44 CFR 206.221(e).

Attach a copy of an Internal Service Revenue (IRS) ruling letter that grants tax exemption under Section 501 (c), (d), or (e), or a State certification under State law, of non-profit status.

If an educational facility, attach a copy of the facility admission policy.

Recognized Indian Tribe or Organization Tribal Identification Number: \_\_\_\_\_

Attach proof of tribal eligibility

D. Federal Tax ID Number: ..... 47-6006205 DUNS Number: .....040919607

E. State Legislative District(s) ..... 35th Congressional District(s) .....Third

F. Is the Community/Communities in good standing with the National Flood Insurance Program:  
 Yes  No

G. Point of Contact:

Mr.  Ms.  Mrs. First Name: Jon Last Name: Rosenlund  
Title: Director Organization: Hall County/Grand Island Emergency Mgt.  
Street Address: 100 E. 1<sup>st</sup> St. PO Box 1968 City: Grand Island  
State: Nebraska Zip Code: 68802 Telephone: (308) 385 - 5360  
Fax: (308) 385 - 5378 E-mail Address: beready@grand-island.com

H. Alternate Point of Contact:

Mr.  Ms.  Mrs. First Name: Larry Last Name: Smith  
Title: Deputy Director Organization: Hall County/Grand Island Emergency Mgt.  
Street Address: 100 E. 1<sup>st</sup> St. PO Box 1968 City: Grand Island  
State: Nebraska Zip Code: 68802 Telephone: (308) 385 - 5360  
Fax: (308) 385 - 5378 E-mail Address: larrys@hcg.gov

I. Estimated Funding:

Federal 75%	Non-Federal %	Applicant 25 %	Other %	Total 100%
<u>\$135,000.00</u>	\$ _____	<u>\$ 45,000.00</u>	\$ _____	<u>\$180,000.00</u>

RESOLUTION 2009-283

WHEREAS, the City of Grand Island, Nebraska, is an eligible unit of a general local government authorized to file an application through the Federal Emergency Management Agency and Nebraska Emergency Management Agency for a Hazard Mitigation Program Grant; and

WHEREAS, the Federal Emergency Management Agency and Nebraska Emergency Management Agency are presently accepting grant applications for hazard mitigation; and

WHEREAS, a grant application has been prepared to request funding to conduct an Outdoor Warning Siren Replacement and Installation Project for the City of Grand Island and other Hall County Communities; and

WHEREAS, a \$180,000 grant is being requested to fund the program, and

WHEREAS, the required 25% cash match of \$15,000 will be provided by the City.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that:

1. The City of Grand Island, Nebraska is hereby authorized to apply for financial assistance from the Federal Emergency Management Agency and Nebraska Emergency Management Agency for the purpose of conducting a Outdoor Warning Siren Replacement and Installation Project for the City of Grand Island and other Hall County Communities; and.
2. The Mayor is hereby authorized and directed to execute such grant application and other documentation on behalf of the City of Grand Island for such grant process.

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Adopted by the City Council of the City of Grand Island, Nebraska, October 27, 2009.

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Margaret Hornady, Mayor

Attest:

\_\_\_\_\_  
RaNae Edwards, City Clerk

Approved as to Form    ✕ _____ October 23, 2009        ✕ City Attorney
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