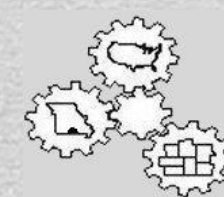
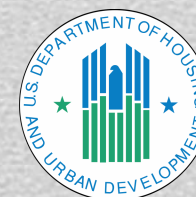
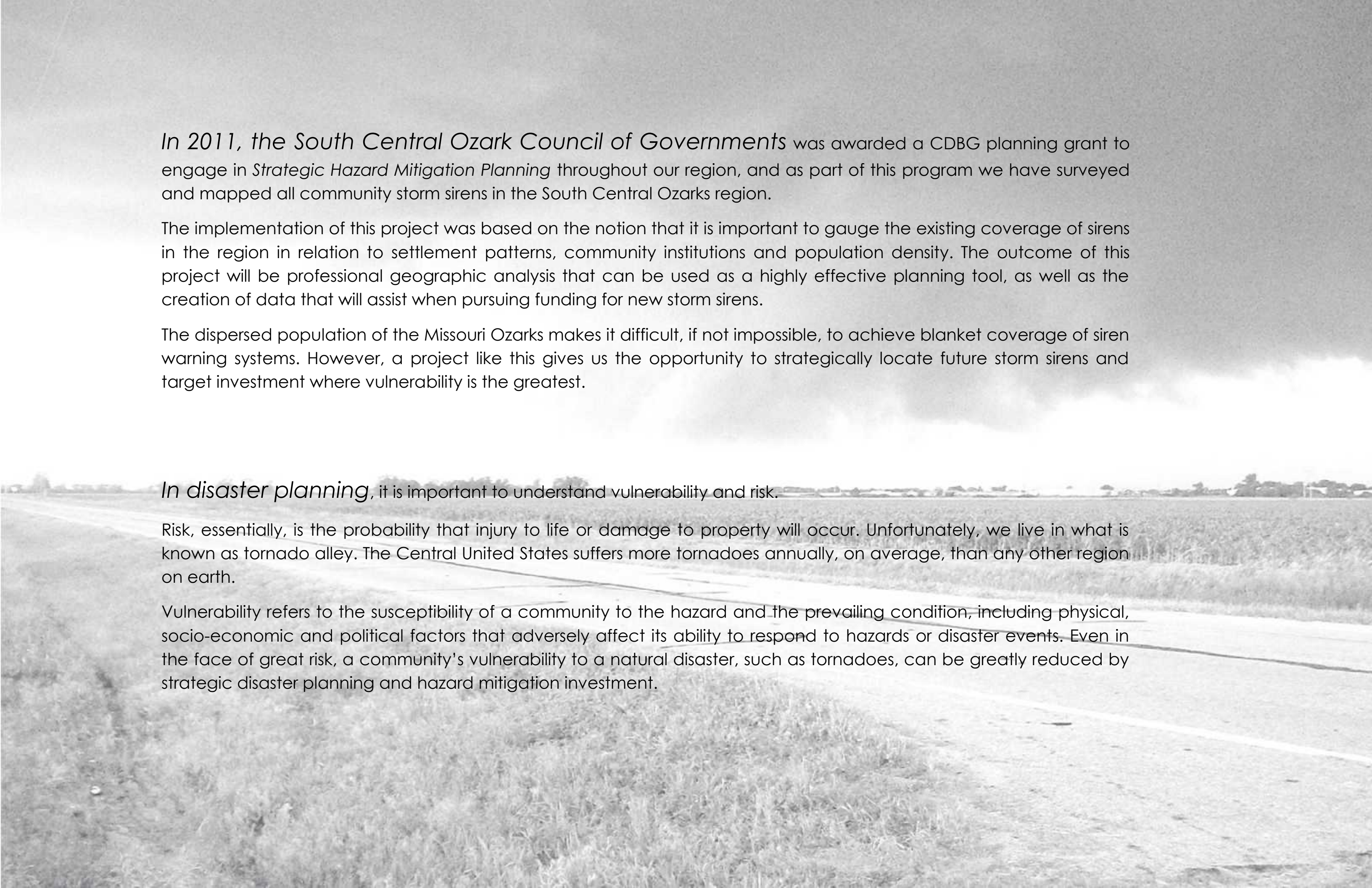


South Central Ozarks Community Storm Siren Survey

Compiled by the South Central Ozark Council of Governments

A comprehensive look at the location, condition, and coverages of all the community storm sirens in the South Central region.





In 2011, the South Central Ozark Council of Governments was awarded a CDBG planning grant to engage in *Strategic Hazard Mitigation Planning* throughout our region, and as part of this program we have surveyed and mapped all community storm sirens in the South Central Ozarks region.

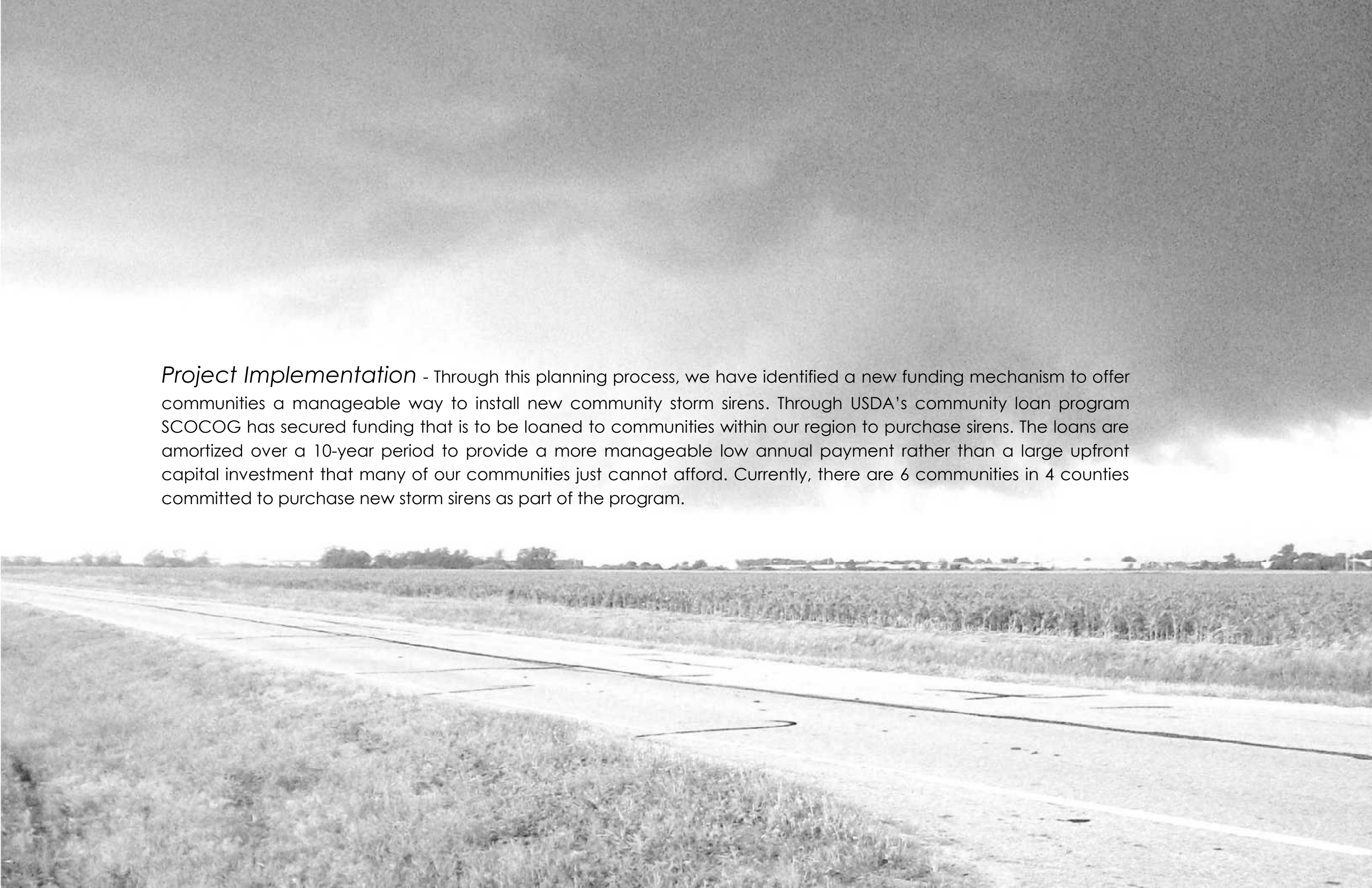
The implementation of this project was based on the notion that it is important to gauge the existing coverage of sirens in the region in relation to settlement patterns, community institutions and population density. The outcome of this project will be professional geographic analysis that can be used as a highly effective planning tool, as well as the creation of data that will assist when pursuing funding for new storm sirens.

The dispersed population of the Missouri Ozarks makes it difficult, if not impossible, to achieve blanket coverage of siren warning systems. However, a project like this gives us the opportunity to strategically locate future storm sirens and target investment where vulnerability is the greatest.

In disaster planning, it is important to understand vulnerability and risk.

Risk, essentially, is the probability that injury to life or damage to property will occur. Unfortunately, we live in what is known as tornado alley. The Central United States suffers more tornadoes annually, on average, than any other region on earth.

Vulnerability refers to the susceptibility of a community to the hazard and the prevailing condition, including physical, socio-economic and political factors that adversely affect its ability to respond to hazards or disaster events. Even in the face of great risk, a community's vulnerability to a natural disaster, such as tornadoes, can be greatly reduced by strategic disaster planning and hazard mitigation investment.

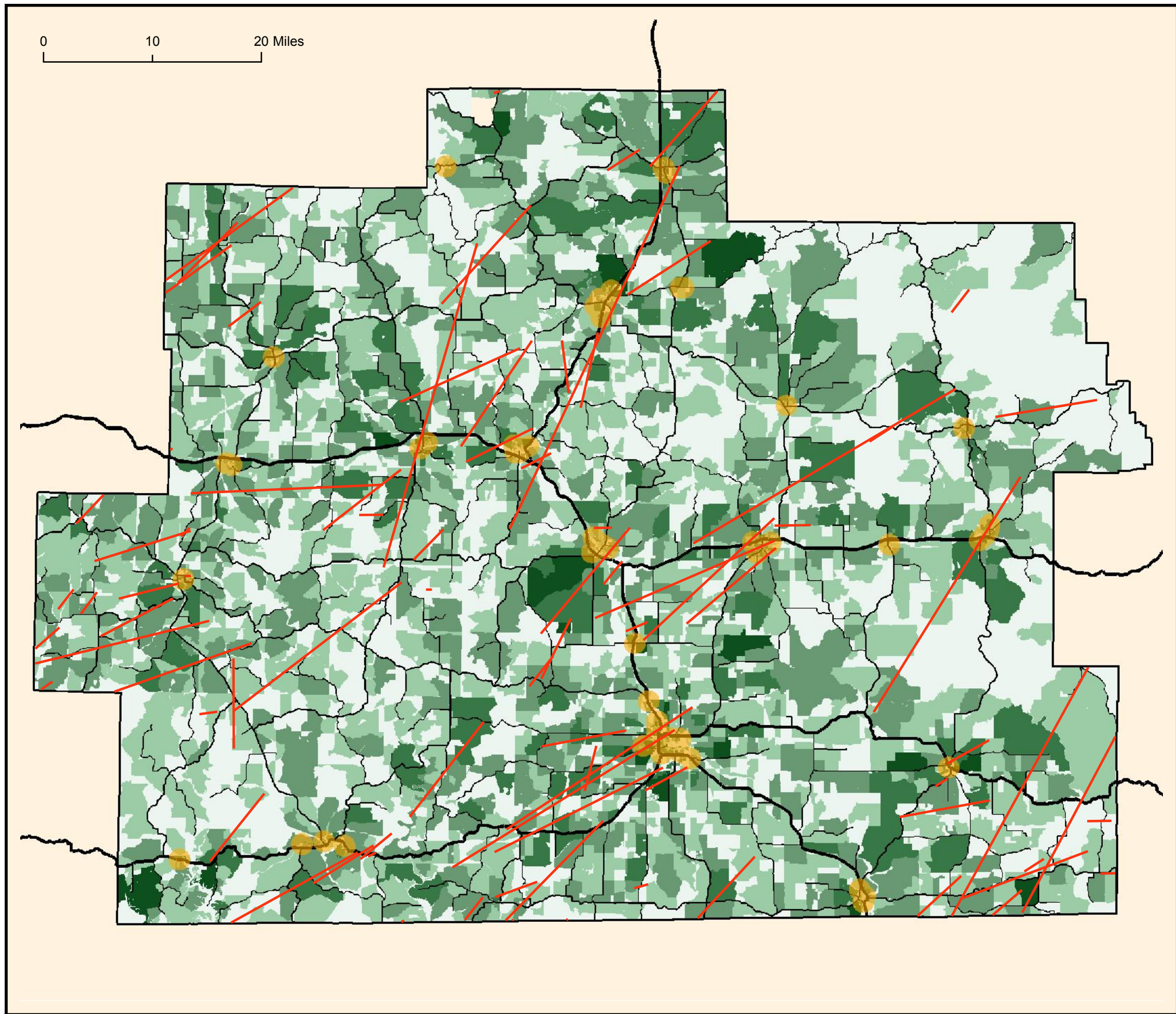


Project Implementation - Through this planning process, we have identified a new funding mechanism to offer communities a manageable way to install new community storm sirens. Through USDA's community loan program SCOCOG has secured funding that is to be loaned to communities within our region to purchase sirens. The loans are amortized over a 10-year period to provide a more manageable low annual payment rather than a large upfront capital investment that many of our communities just cannot afford. Currently, there are 6 communities in 4 counties committed to purchase new storm sirens as part of the program.

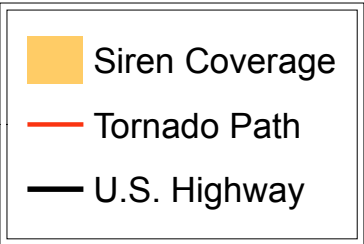
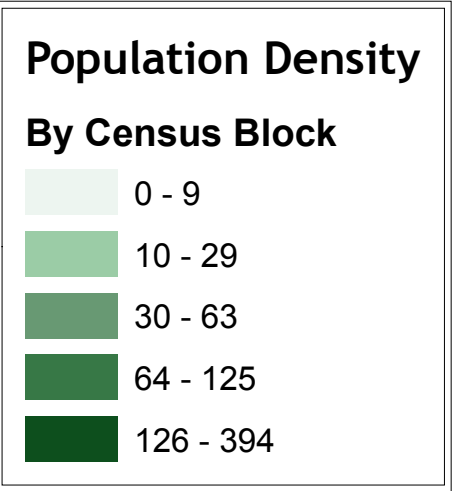


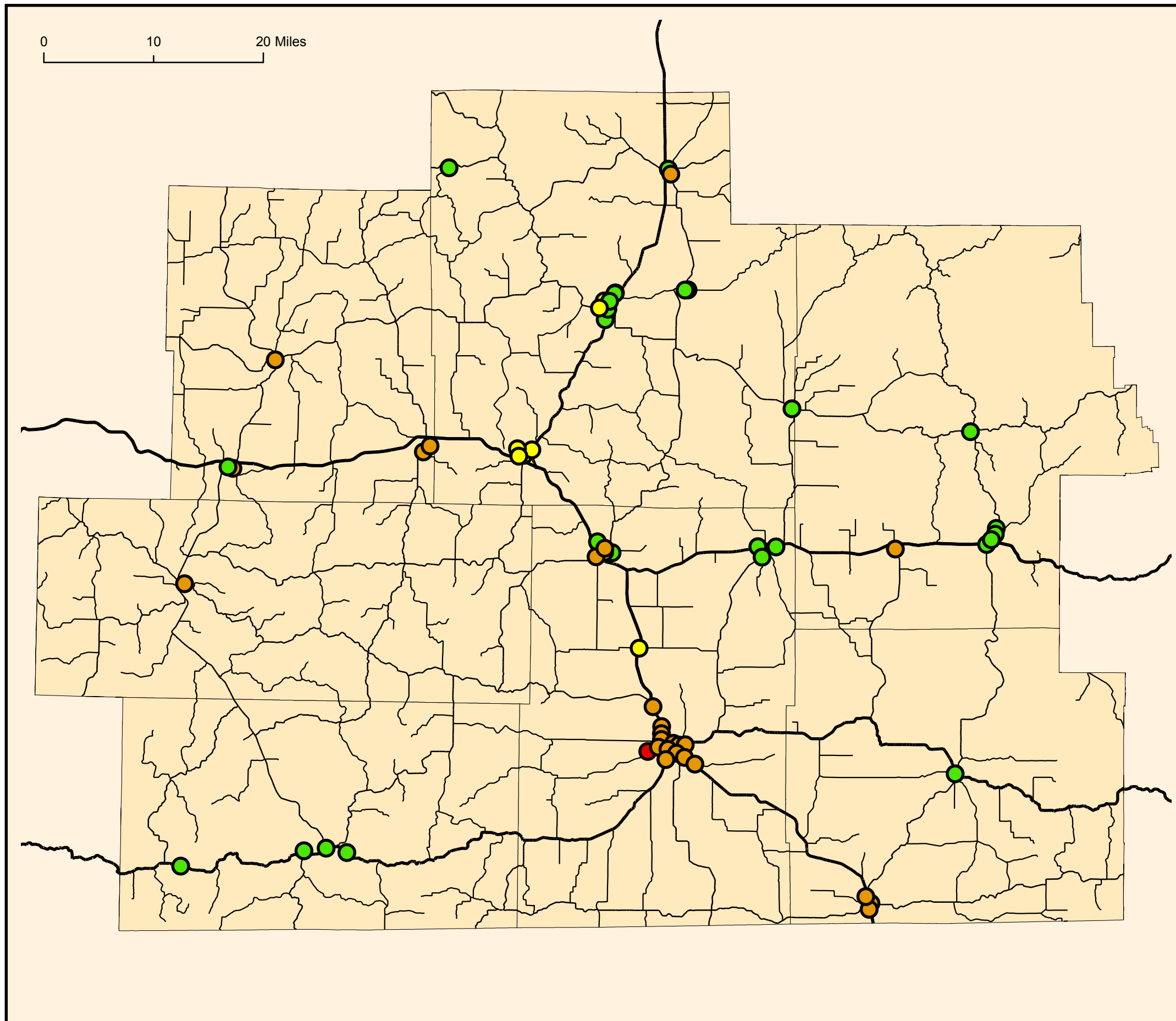
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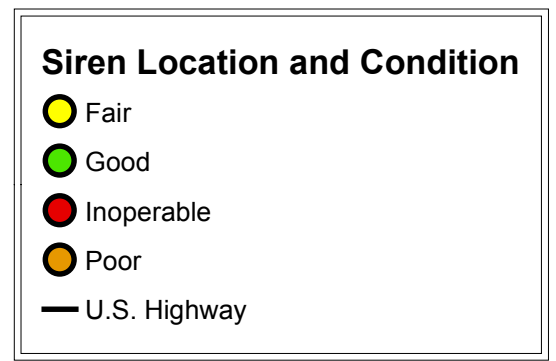


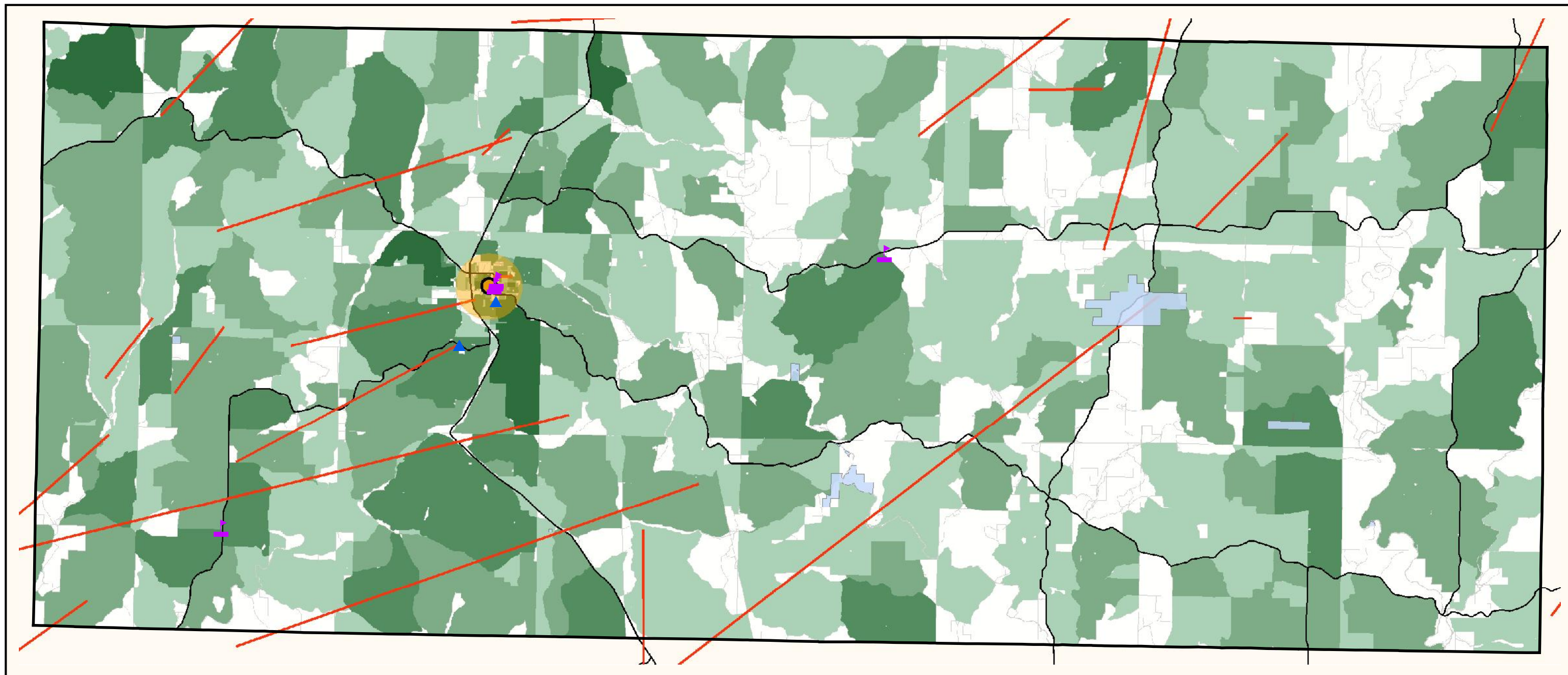
South Central Ozarks Regional Siren Coverage



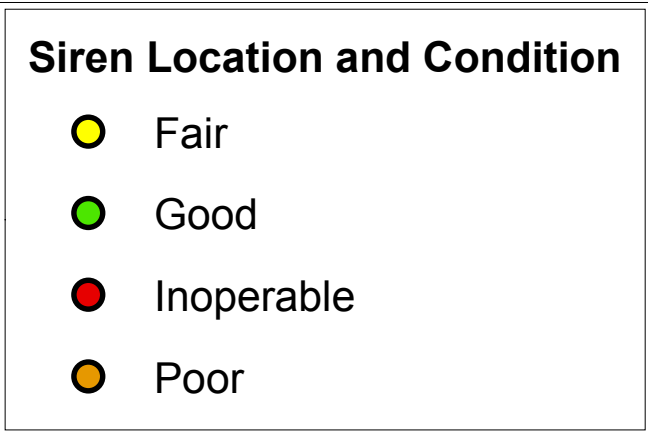
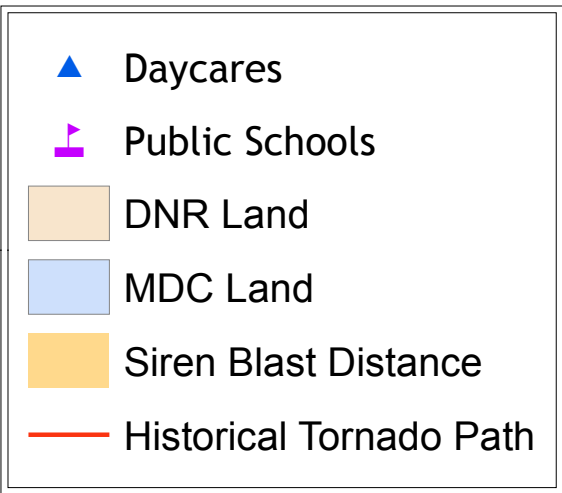
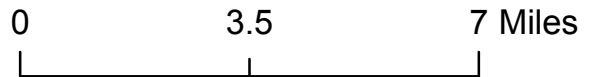
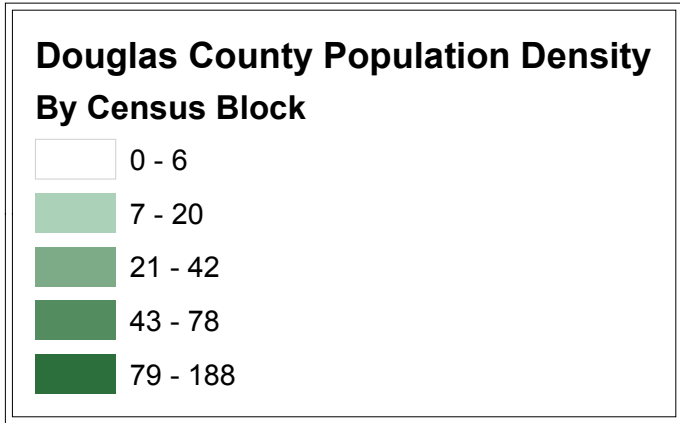


South Central Ozarks Siren Location & Condition

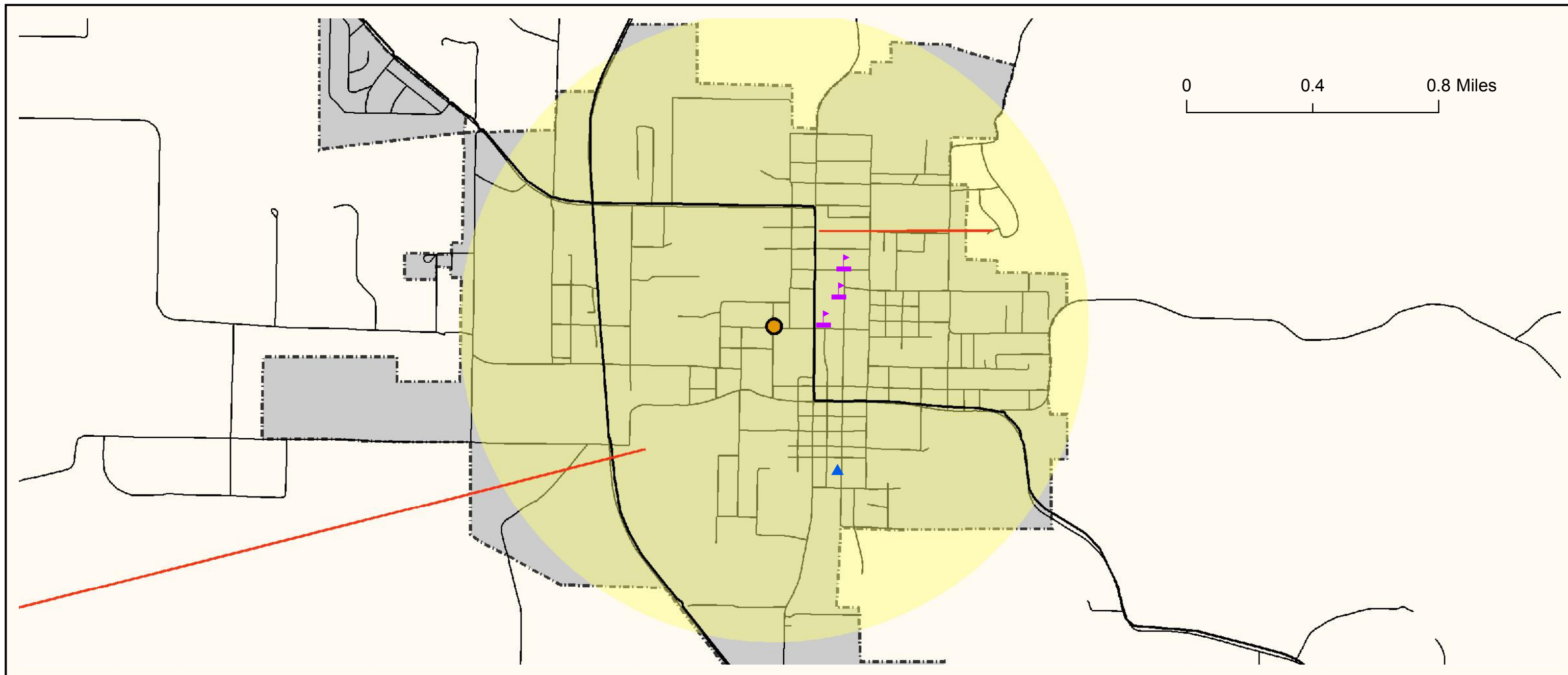




Douglas County Siren Coverage



Prepared By:
 South Central Ozark Council of Governments
 Source(s): MoDOT, MSDIS, US Census Bureau, SCOCOG

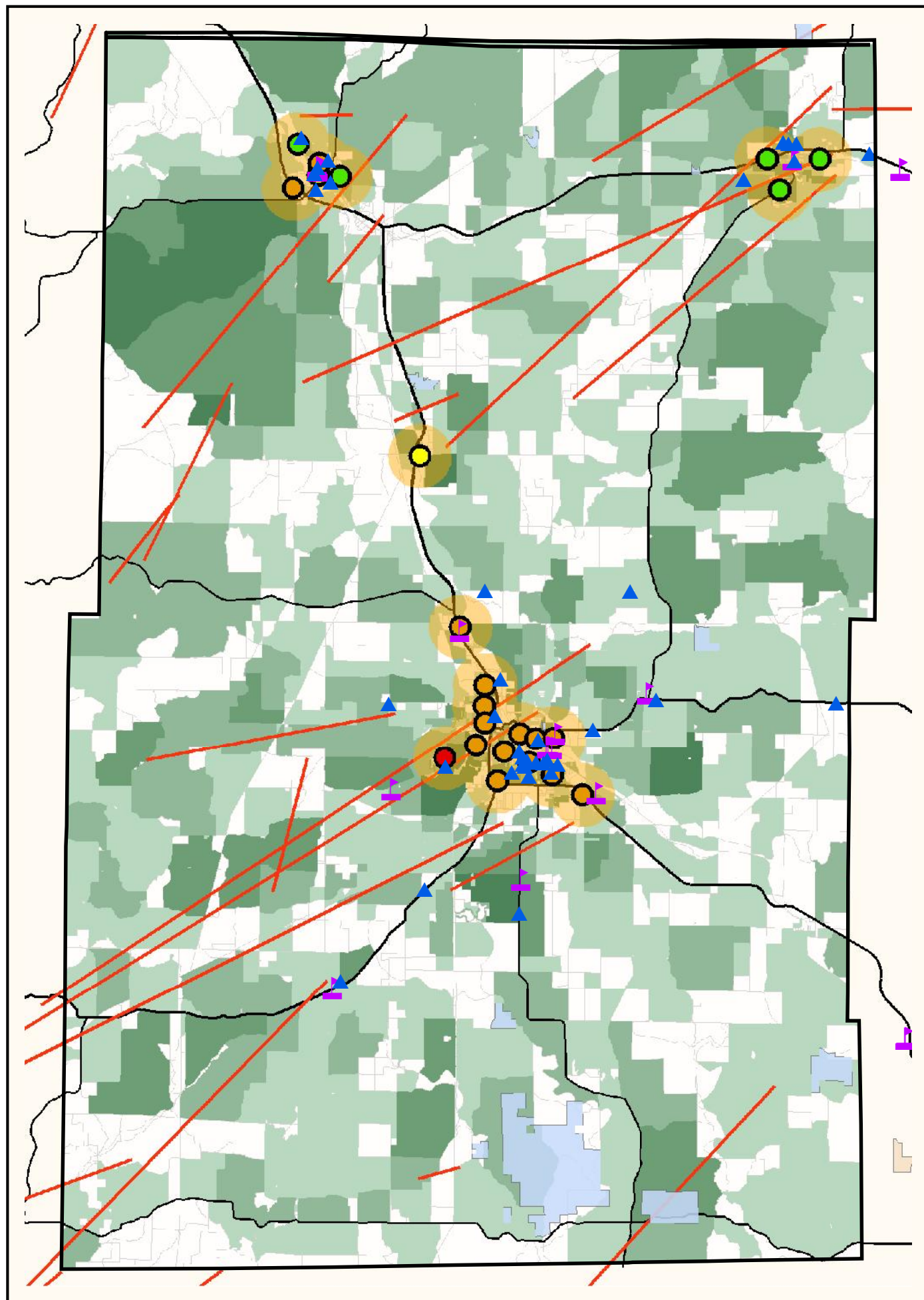


City of Ava Siren Coverage

Siren Location and Condition

- Fair
- Good
- Inoperable
- Poor

- ▲ Daycares
- ▲ Public Schools
- DNR Land
- MDC Land
- Historical Tornado Path
- Siren Blast Distance



**Howell County Population Density
By Census Block**

- 0 - 12
- 13 - 36
- 37 - 74
- 75 - 154
- 155 - 394

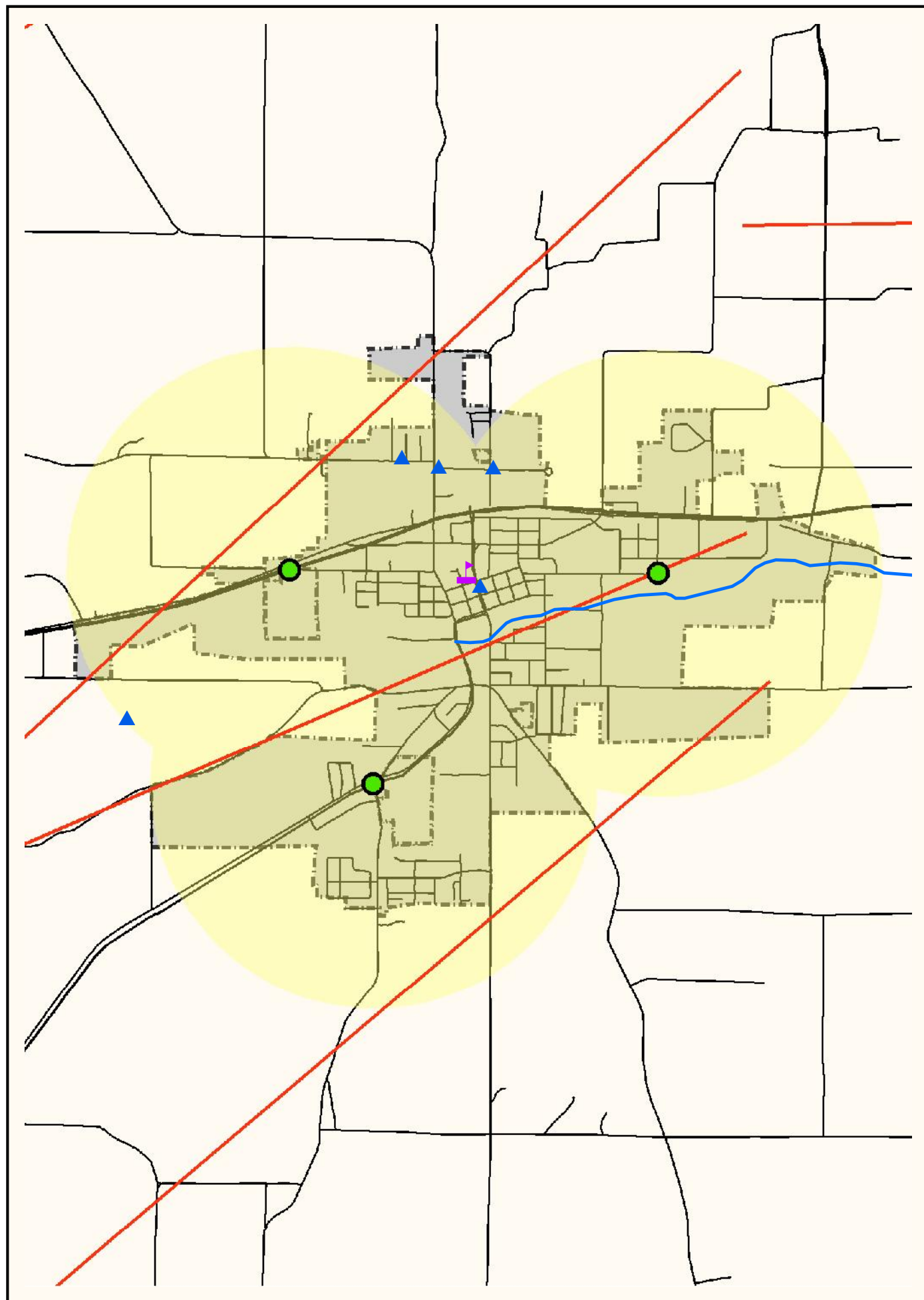
- ▲ Daycares
- ▲ Public Schools
- DNR Land
- MDC Land
- National Forest
- Siren Blast Distance
- Historical Tornado Path

Siren Location and Condition

- Fair
- Good
- Inoperable
- Poor

Howell County Siren Coverage

Prepared By:
South Central Ozark Council of Governments
Source(s): MoDOT, MSDIS, US Census Bureau, SCOCOG



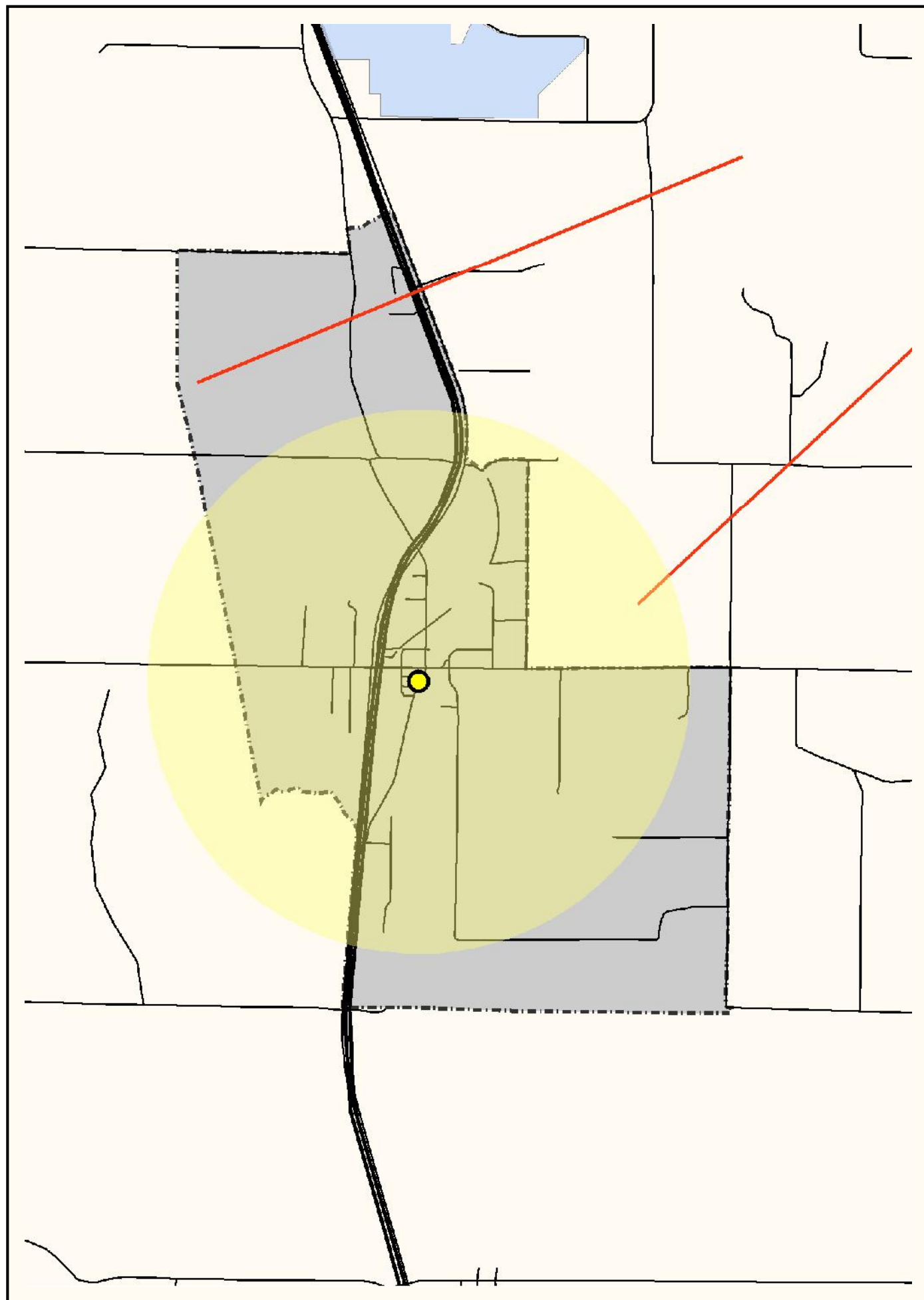
Siren Location and Condition

- Fair
- Good
- Inoperable
- Poor

- ▲ Daycares
- ▲ Public Schools
- DNR Land
- MDC Land
- National Forest
- Historical Tornado Path
- Siren Blast Distance

City of Mountain View Siren Coverage

Prepared By:
 South Central Ozark Council of Governments
 Source(s): MoDOT, MSDIS, US Census Bureau, SCOCOG



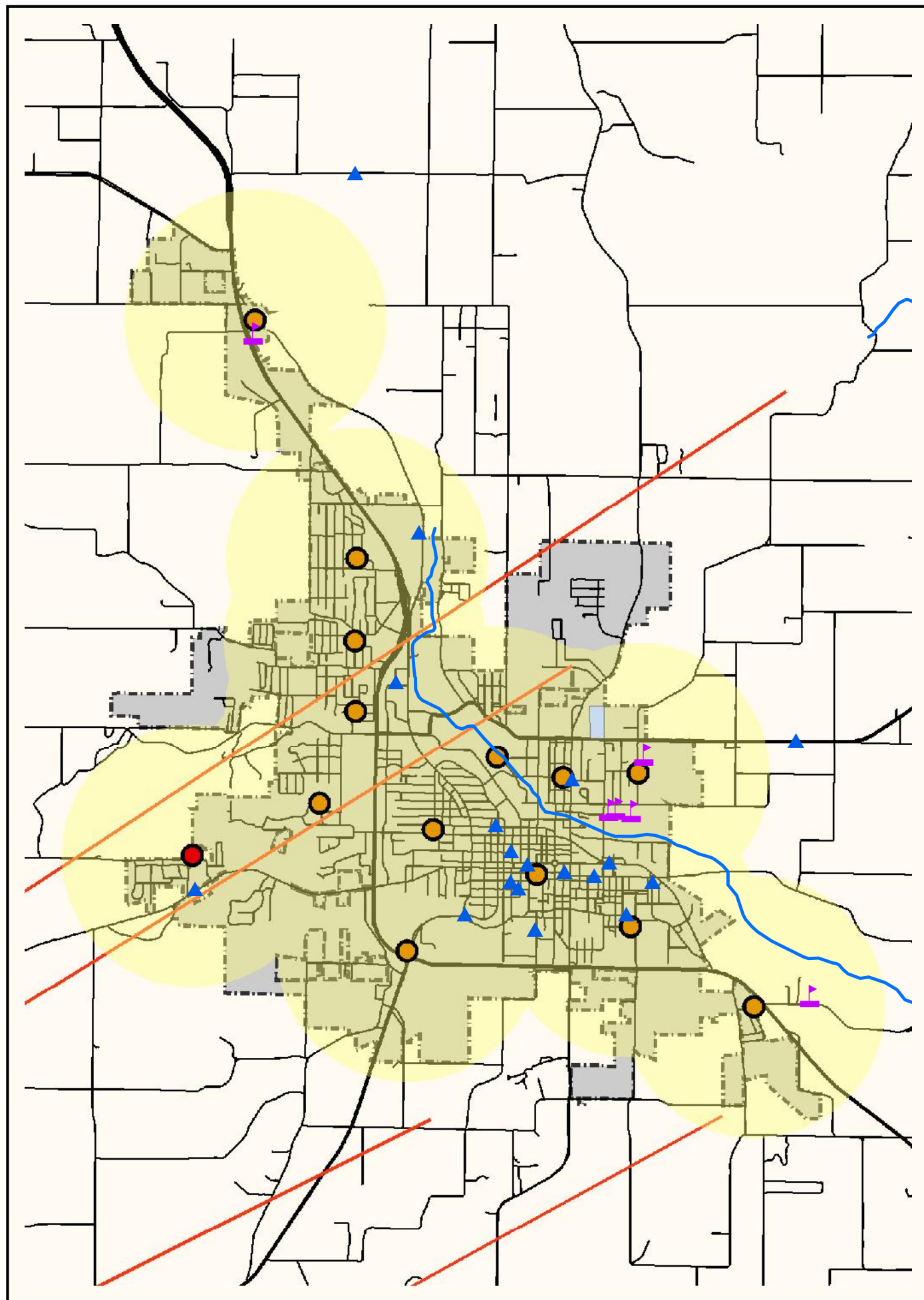
Siren Location and Condition

- Fair
- Good
- Inoperable
- Poor

- ▲ Daycares
- ▲ Public Schools
- DNR Land
- MDC Land
- National Forest
- Siren Blast Distance
- Historical Tornado Path

Pomona, MO Siren Coverage

Prepared By:
 South Central Ozark Council of Governments
 Source(s): MoDOT, MSDIS, US Census Bureau, SCOCOG



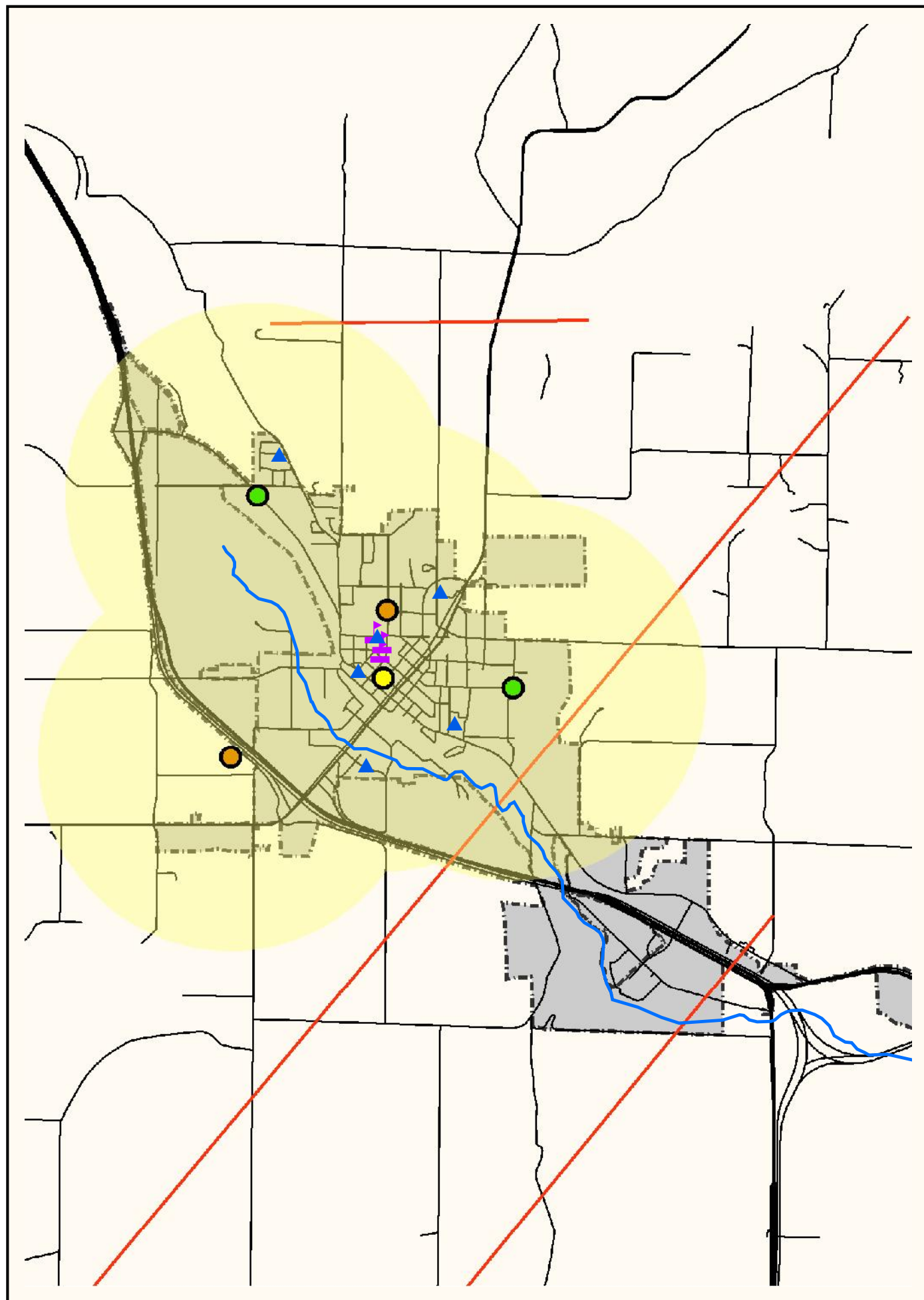
Siren Location and Condition

- Fair
- Good
- Inoperable
- Poor

- ▲ Daycares
- ▲ Public Schools
- DNR Land
- MDC Land
- National Forest
- Siren Blast Distance
- Historical Tornado Path

City of West Plains Siren Coverage

Prepared By:
 South Central Ozark Council of Governments
 Source(s): MoDOT, MSDIS, US Census Bureau, SCOCOG



0 0.75 1.5 Miles

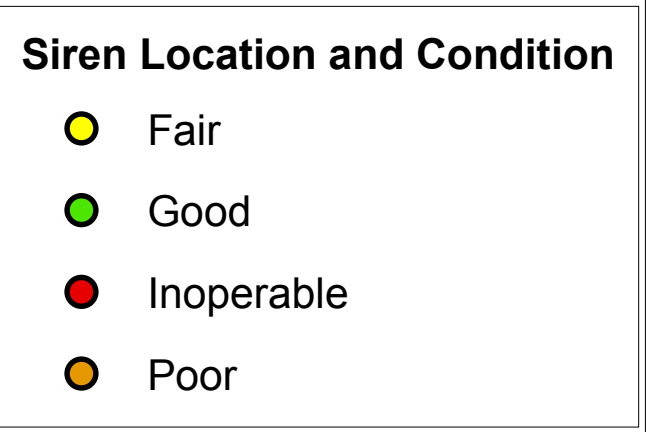
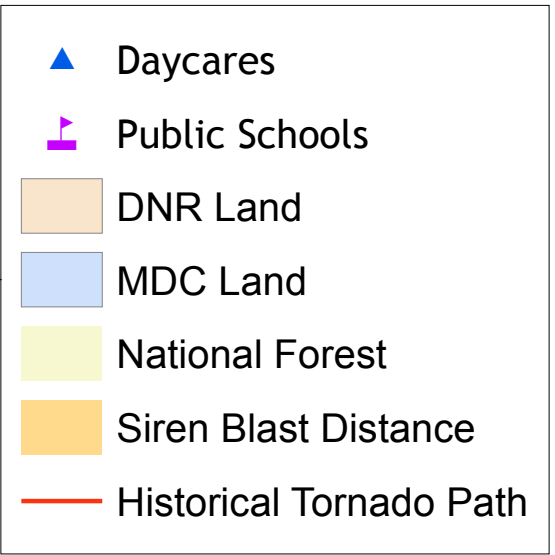
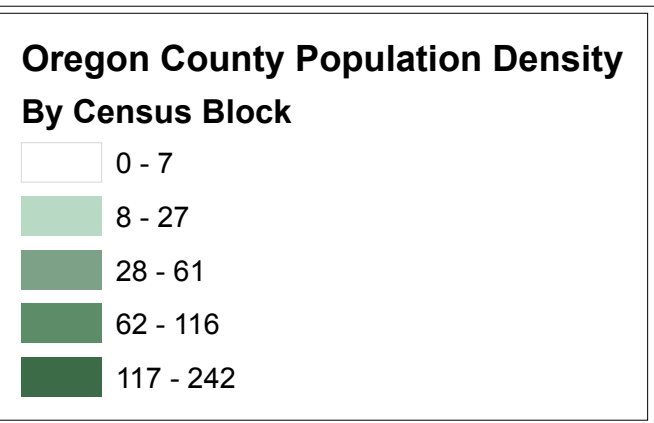
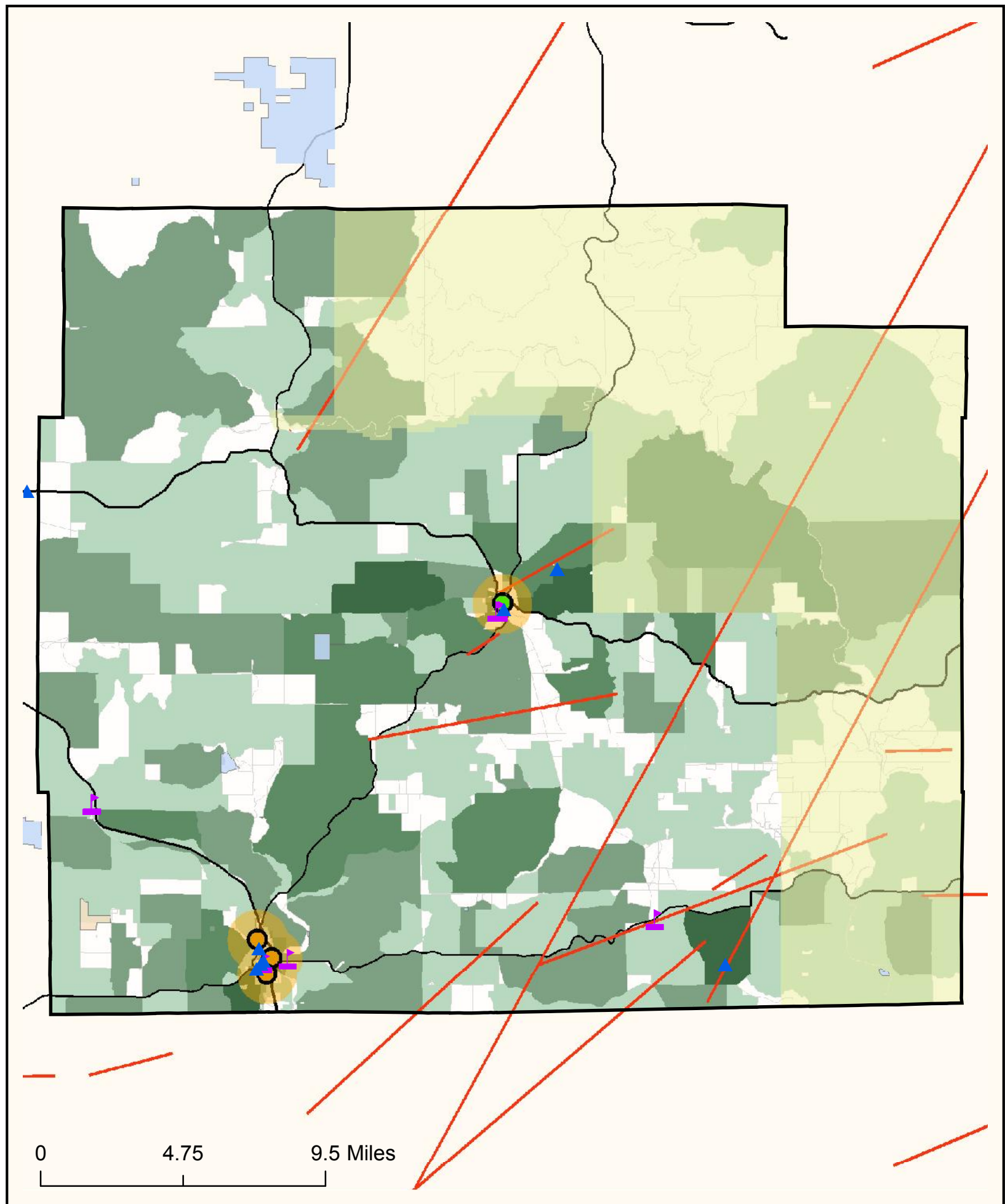
Siren Location and Condition

- Fair
- Good
- Inoperable
- Poor

- ▲ Daycares
- ▲ Public Schools
- DNR Land
- MDC Land
- National Forest
- Siren Blast Distance
- Historical Tornado Path

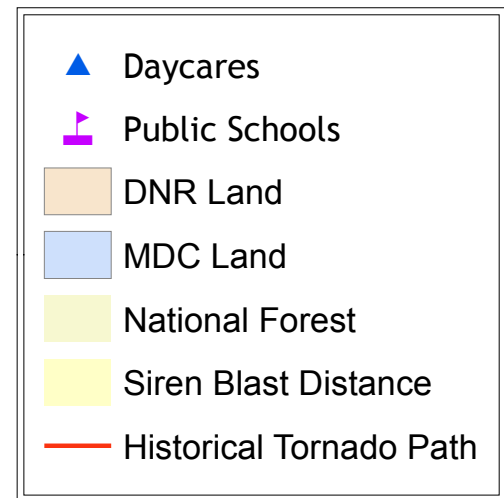
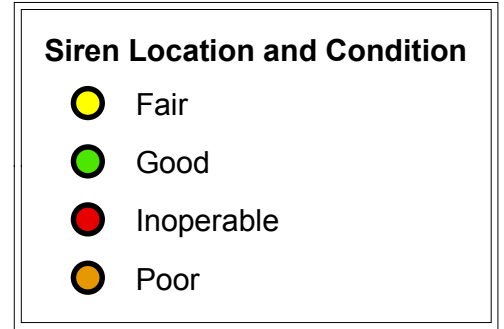
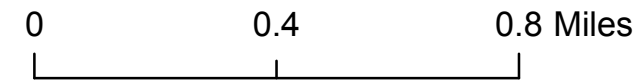
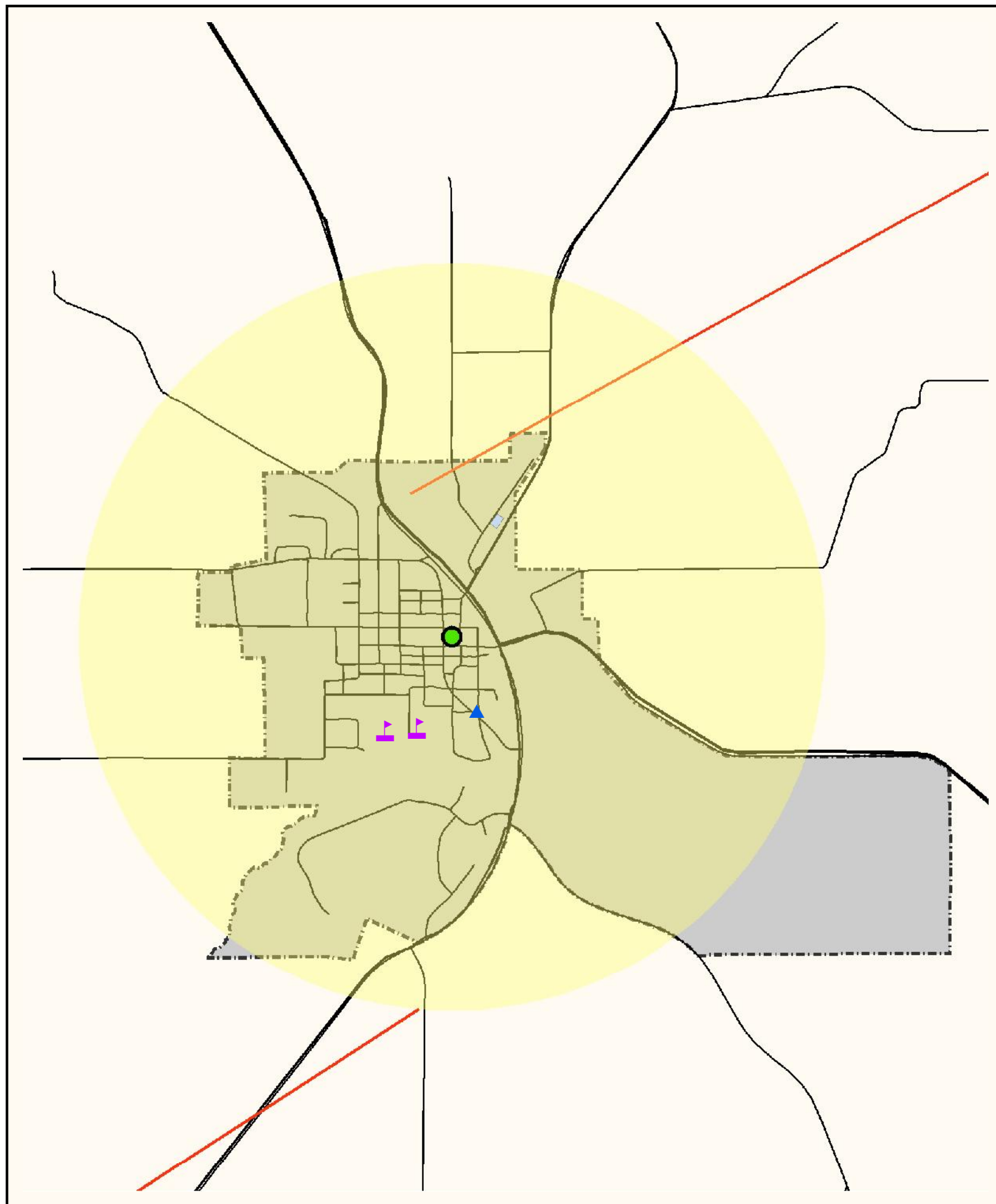
City of Willow Springs Siren Coverage

Prepared By:
 South Central Ozark Council of Governments
 Source(s): MoDOT, MSDIS, US Census Bureau, SCOCOG



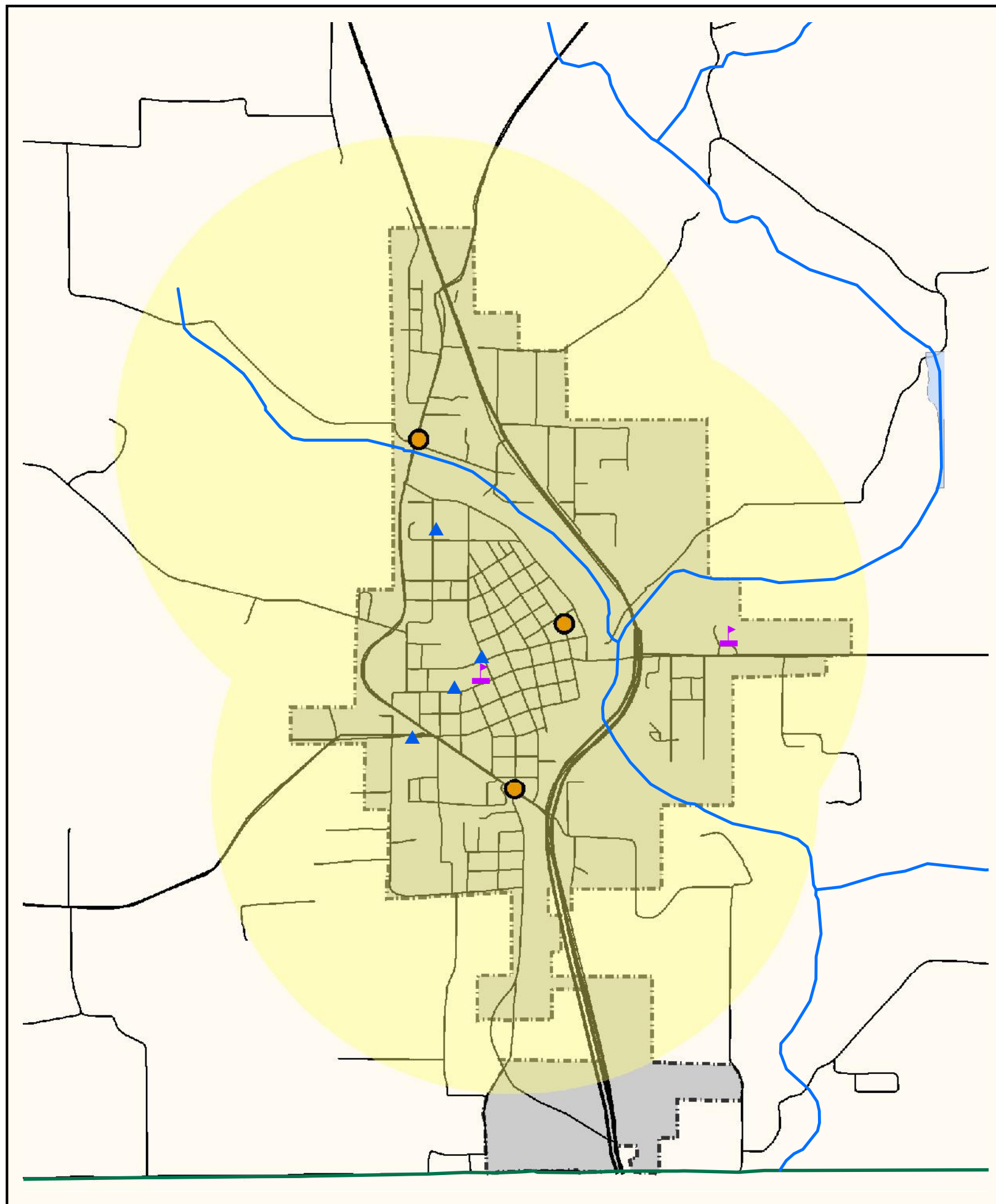
Oregon County Siren Coverage

Prepared By:
 South Central Ozark Council of Governments
 Source(s): MoDOT, MSDIS, US Census Bureau, SCOCOG



City of Alton Siren Coverage

Prepared By:
 South Central Ozark Council of Governments
 Source(s): MoDOT, MSDIS, US Census Bureau, SCOCOG



0 0.45 0.9 Miles

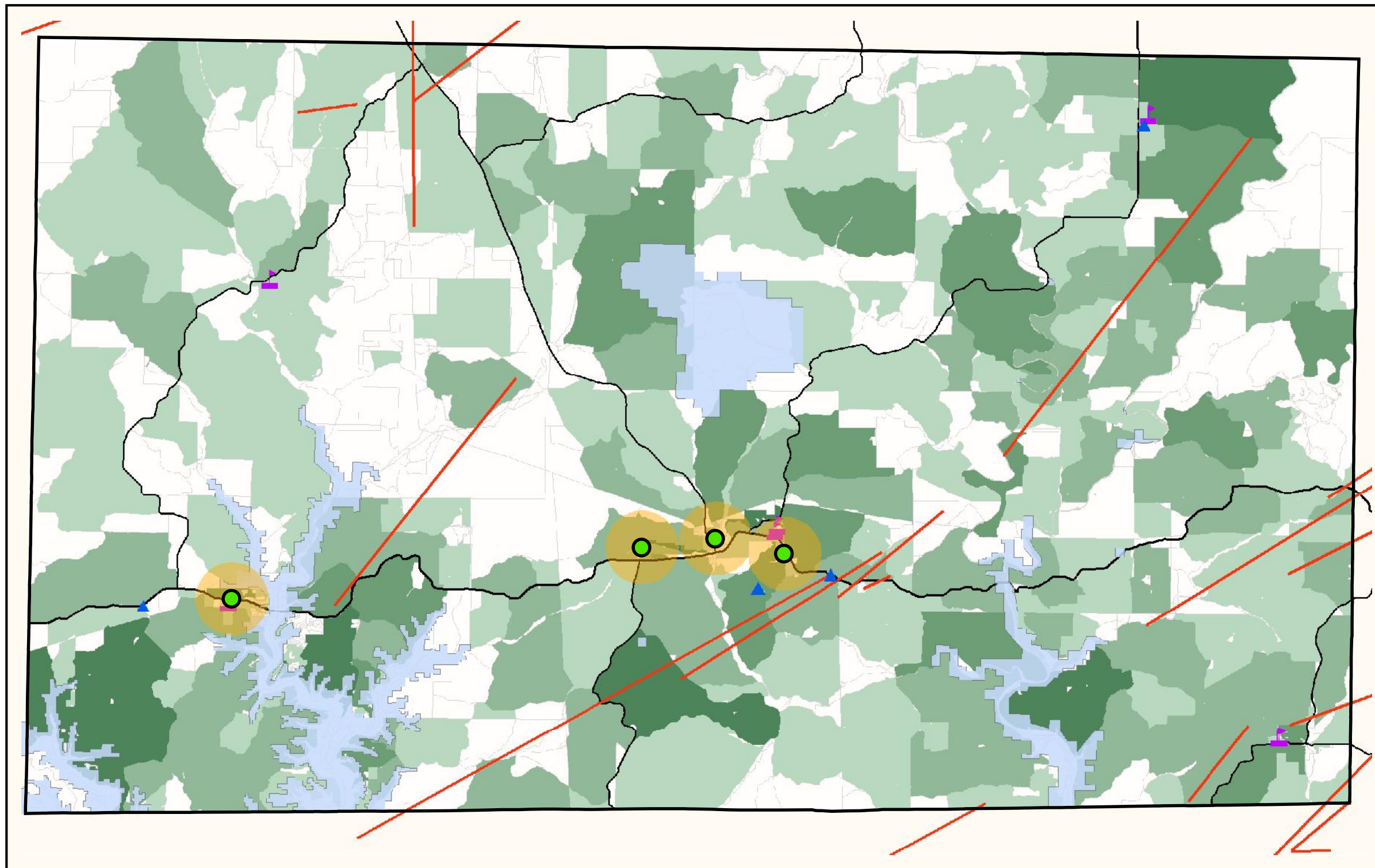
Siren Location and Condition

- Fair
- Good
- Inoperable
- Poor

- ▲ Daycares
- ▲ Public Schools
- DNR Land
- MDC Land
- National Forest
- Siren Blast Distance
- Historical Tornado Path

City of Thayer Siren Coverage

Prepared By:
 South Central Ozark Council of Governments
 Source(s): MoDOT, MSDIS, US Census Bureau, SCOCOG



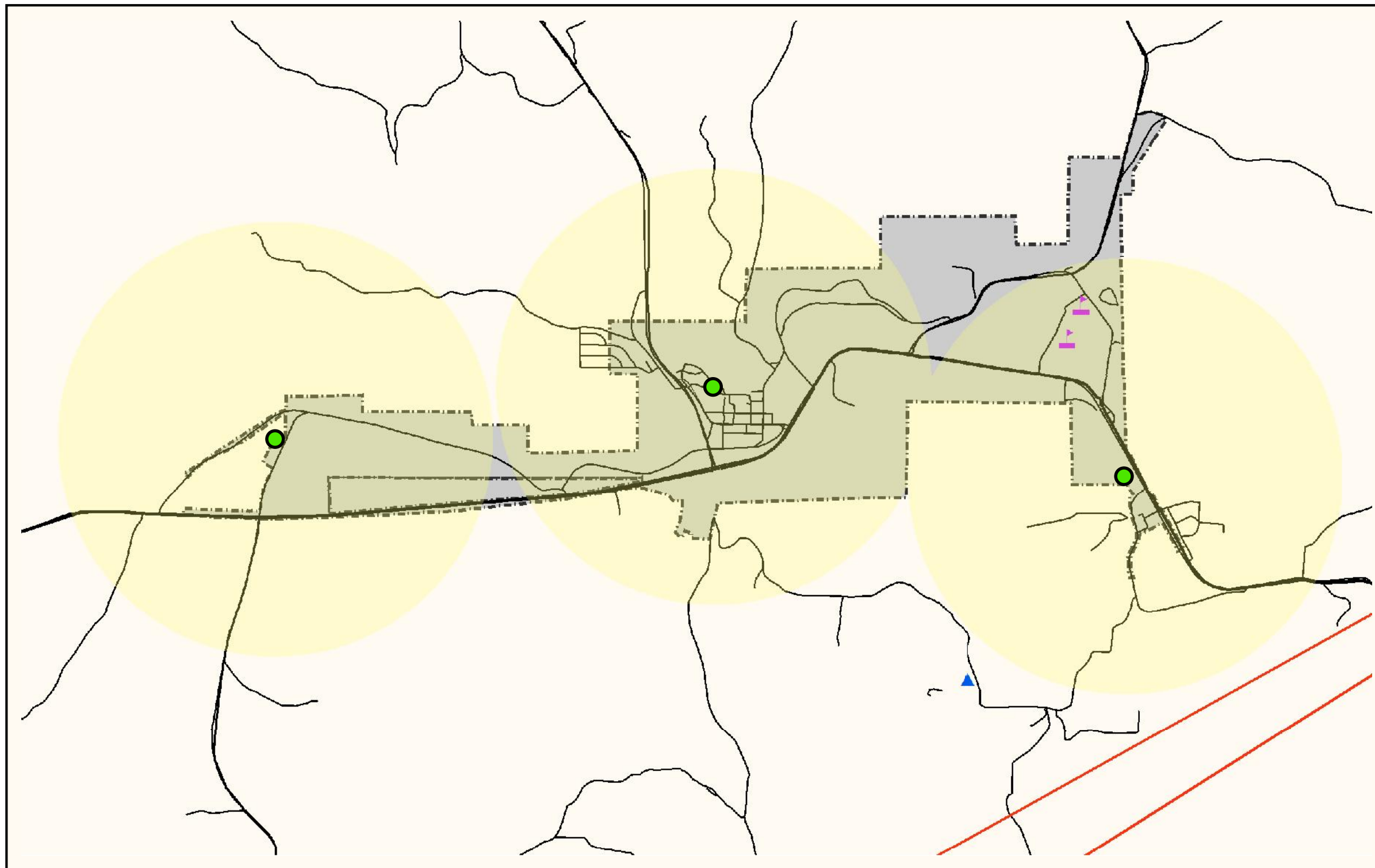
0 3.5 7 Miles

- Siren Blast Distance
- Daycares
- Public Schools
- DNR Land
- MDC Land
- Historical Tornado Path

- Siren Location and Condition**
- Fair
 - Good
 - Inoperable
 - Poor

- Ozark County Population Density
By Census Block**
- 0 - 7
 - 8 - 23
 - 24 - 47
 - 48 - 83
 - 84 - 150

Ozark County Siren Coverages



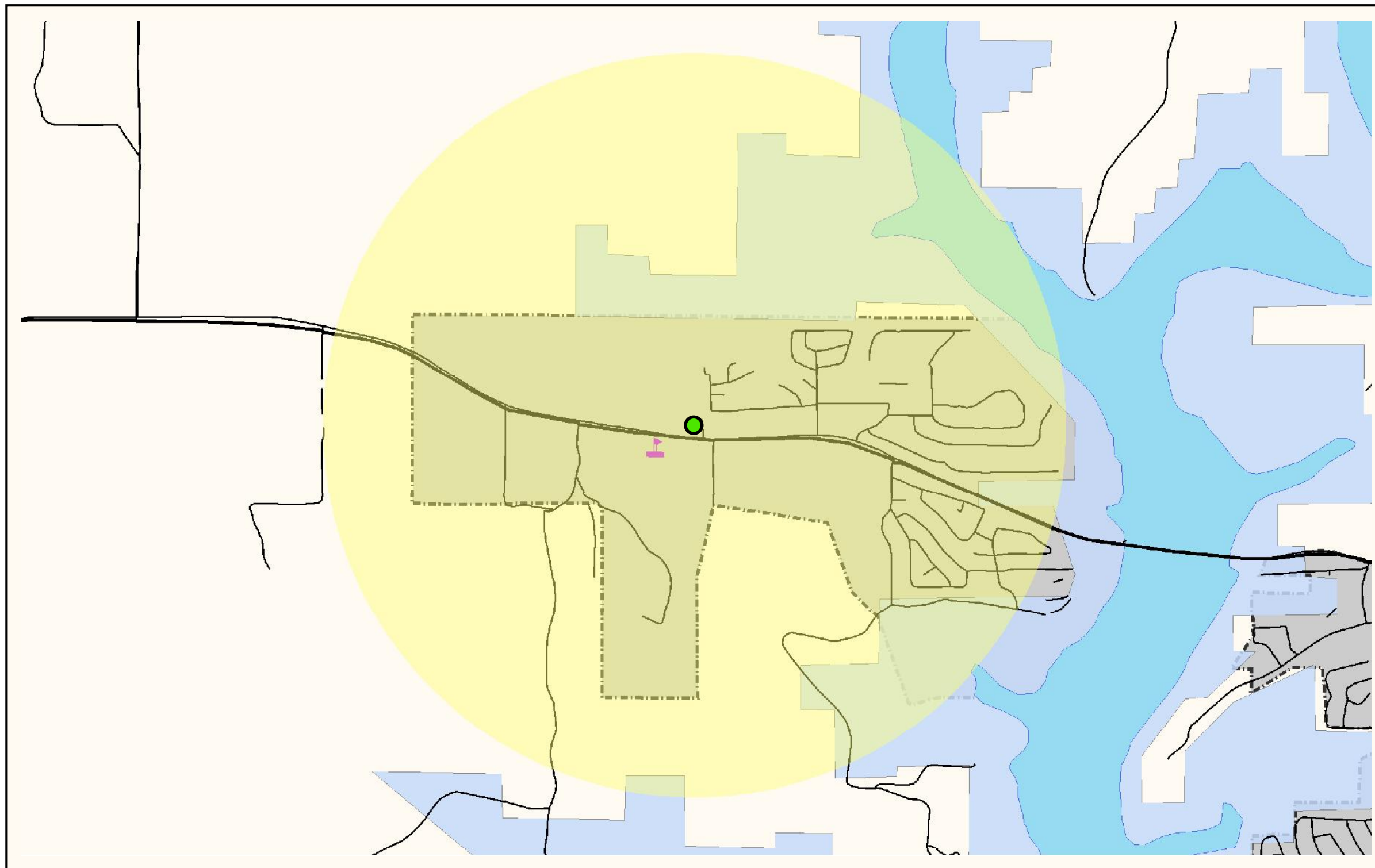
0 0.5 1 Miles

Siren Location and Condition

- Fair
- Good
- Inoperable
- Poor

- Siren Blast Distance
- ▲ Daycares
- ▲ Public Schools
- DNR Land
- MDC Land
- Historical Tornado Path

City of Gainesville Siren Coverages



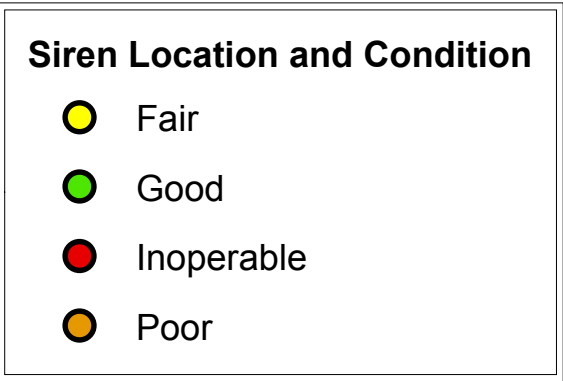
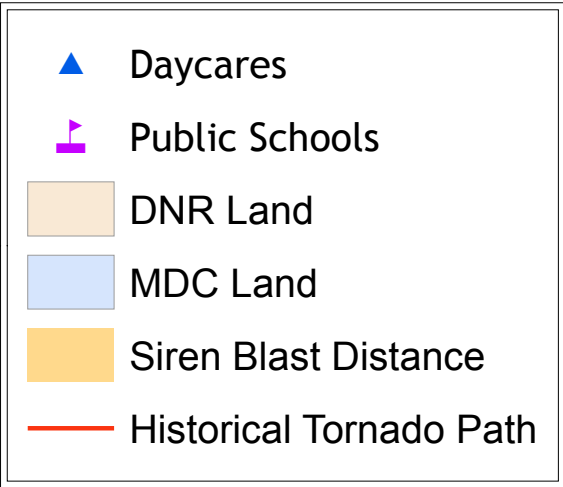
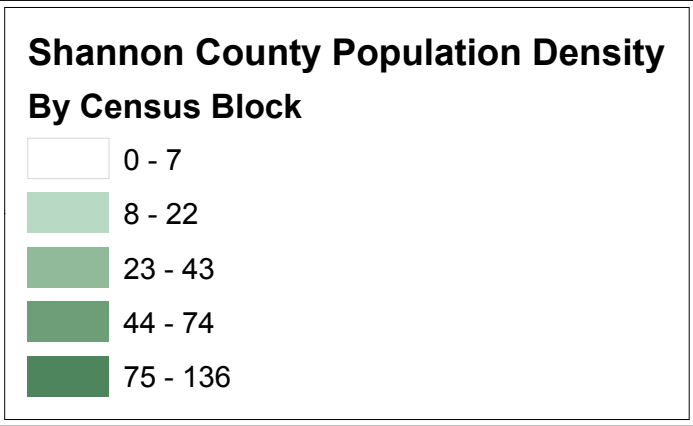
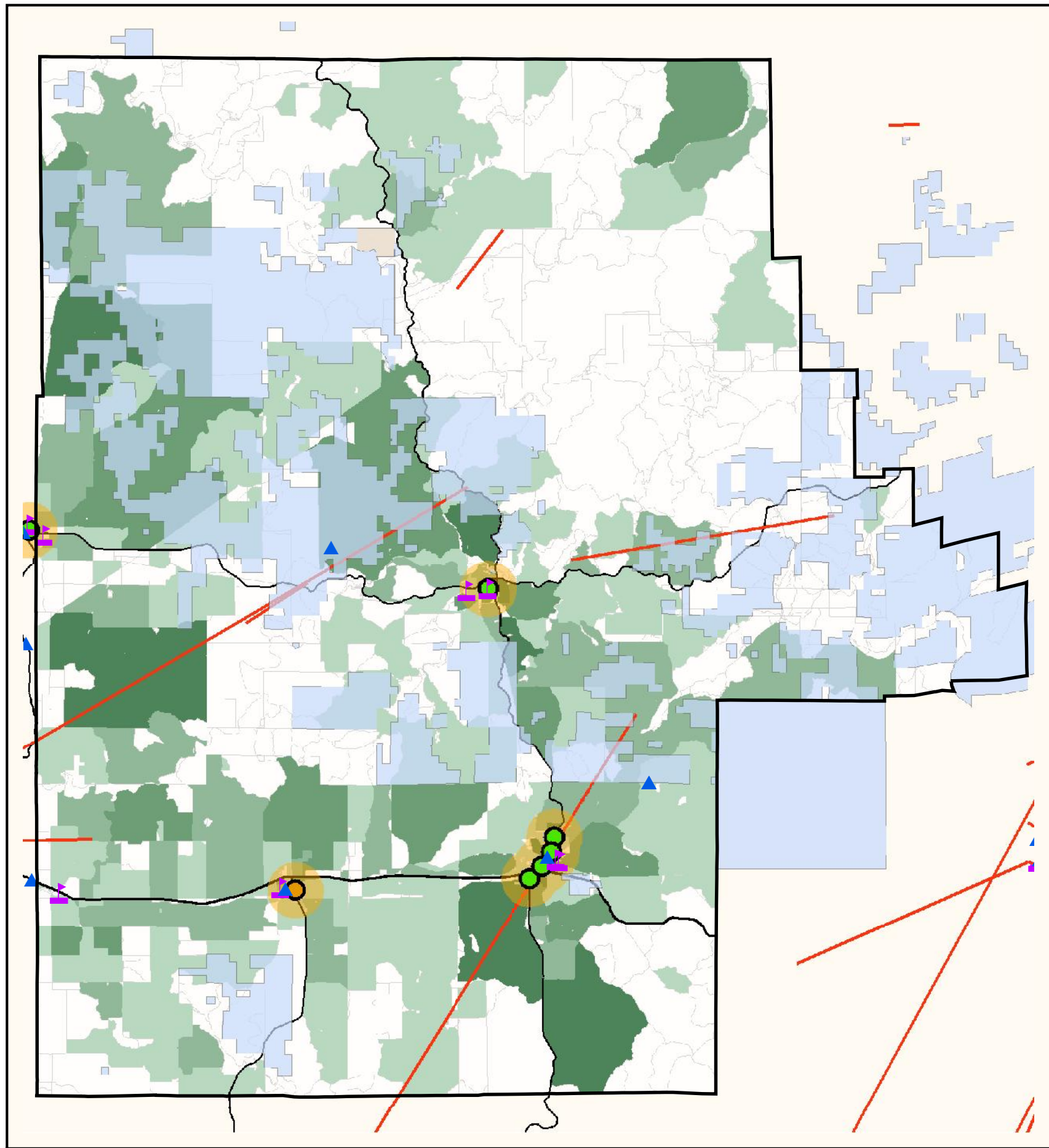
0 0.35 0.7 Miles

Siren Location and Condition

- Fair
- Good
- Inoperable
- Poor

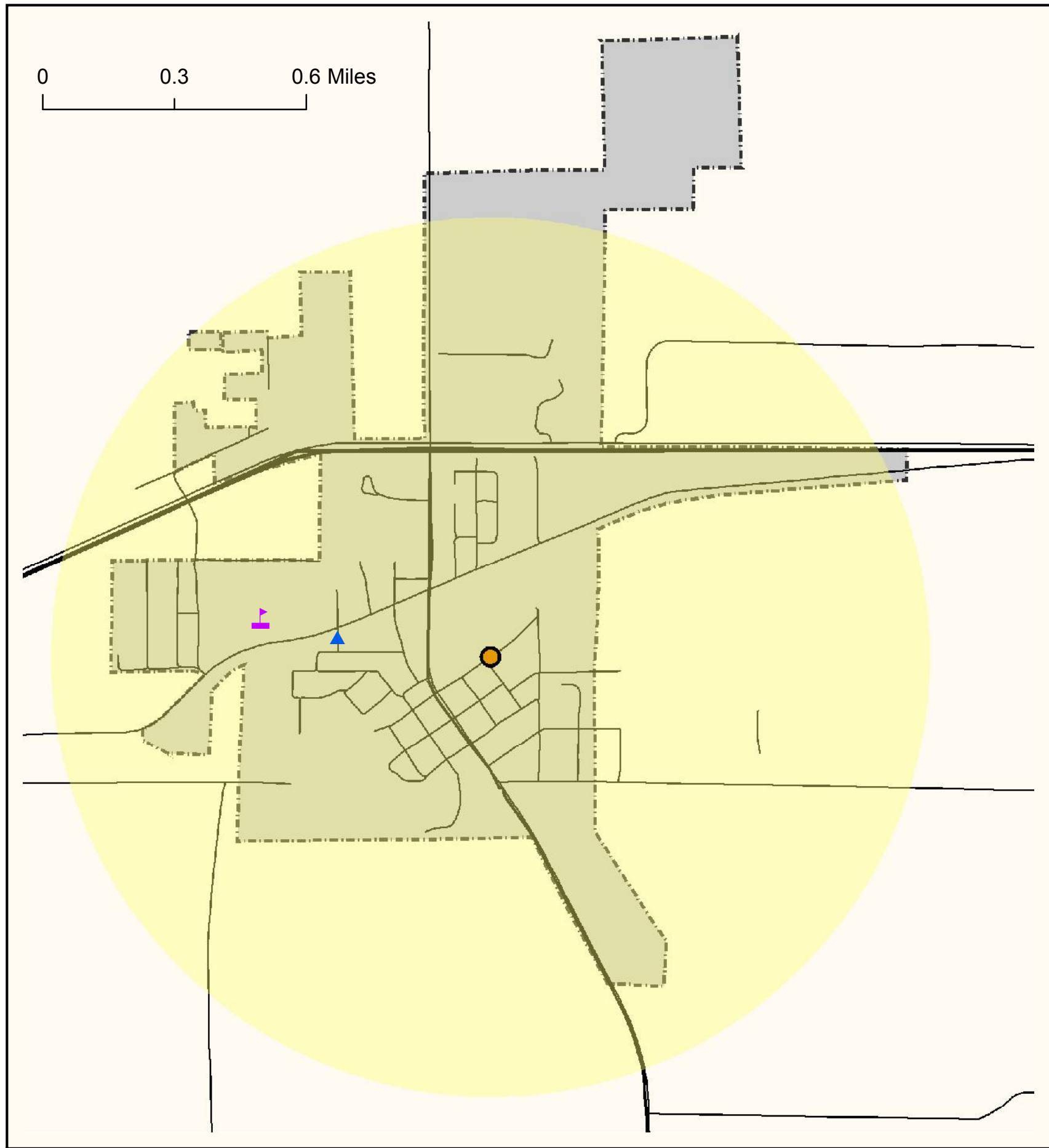
- Siren Blast Distance
- ▲ Daycares
- ▲ Public Schools
- DNR Land
- MDC Land
- Historical Tornado Path

Village of Theodosia Siren Coverages



Shannon County Siren Coverage

Prepared By:
 South Central Ozark Council of Governments
 Source(s): MoDOT, MSDIS, US Census Bureau, SCOCOG



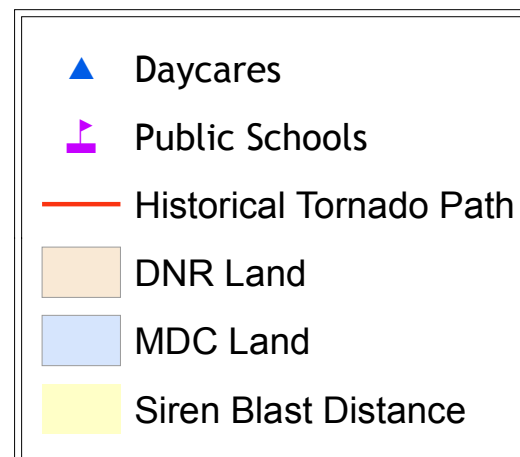
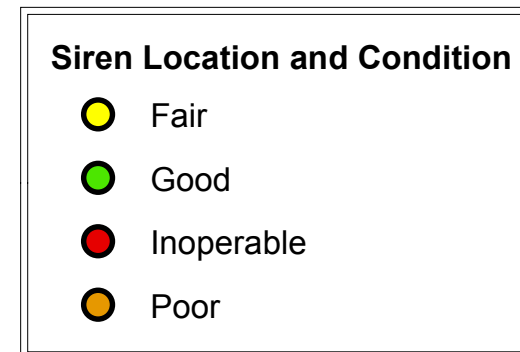
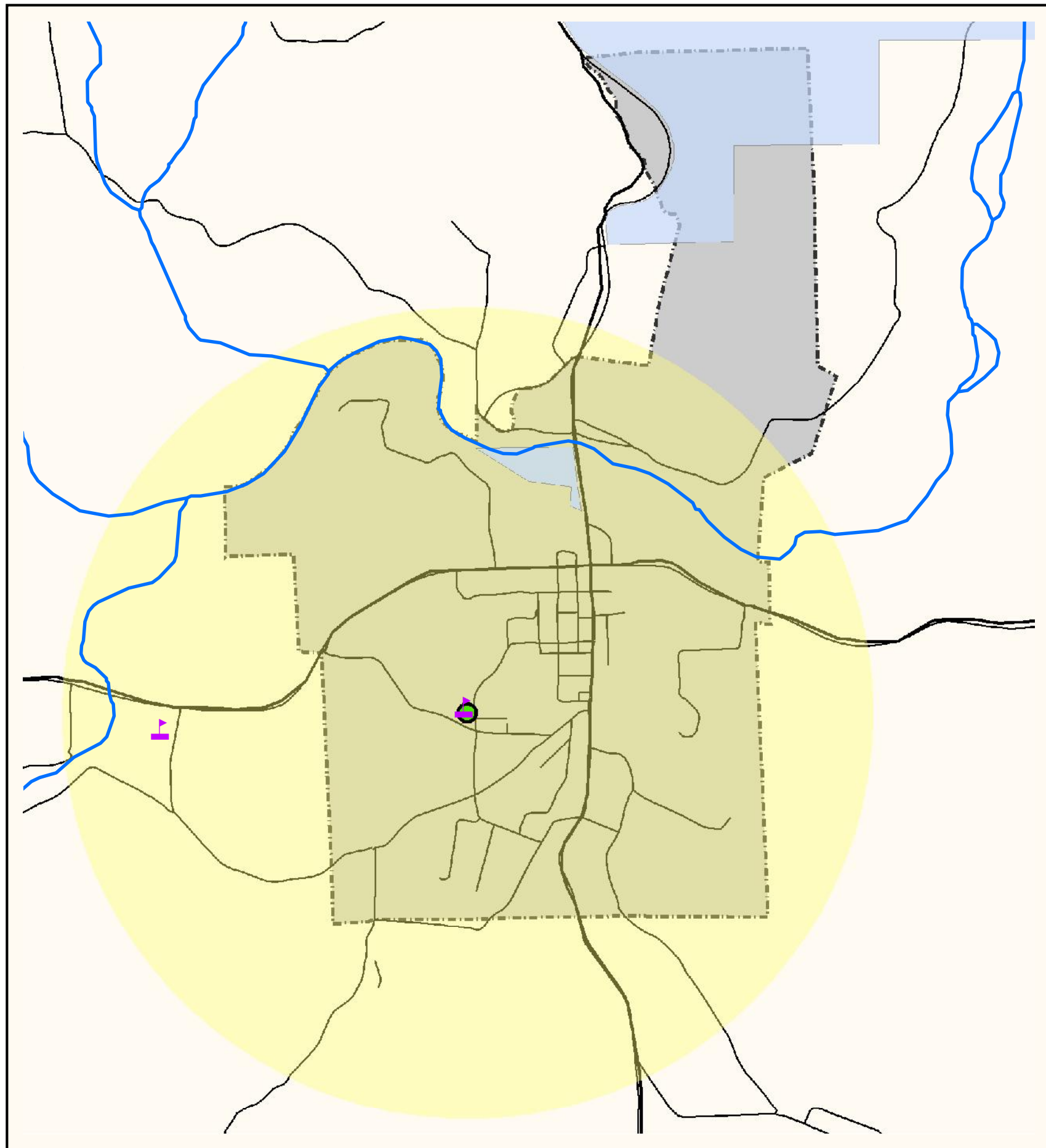
Siren Location and Condition

- Fair
- Good
- Inoperable
- Poor

- ▲ Daycares
- ▲ Public Schools
- Historical Tornado Path
- DNR Land
- MDC Land
- Siren Blast Distance

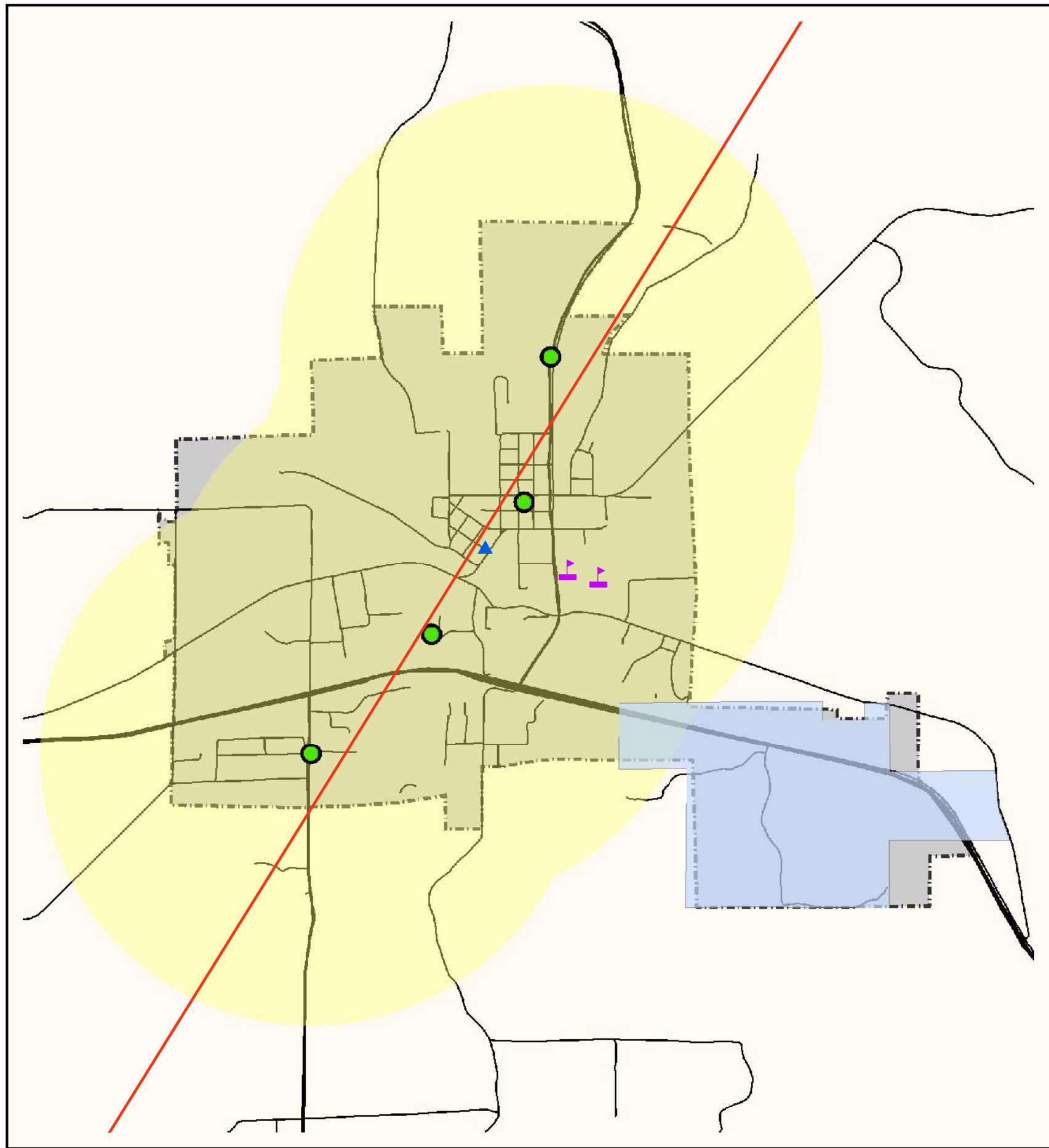
City of Birch Tree Siren Coverage

Prepared By:
 South Central Ozark Council of Governments
 Source(s): MoDOT, MSDIS, US Census Bureau, SCOCOG



City of Eminence Siren Coverage

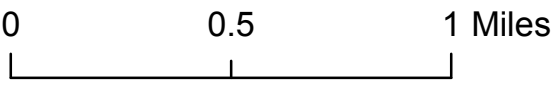
Prepared By:
 South Central Ozark Council of Governments
 Source(s): MoDOT, MSDIS, US Census Bureau, SCOCOG



Siren Location and Condition

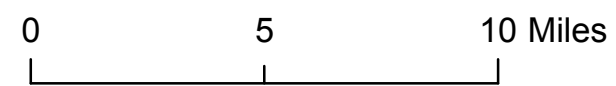
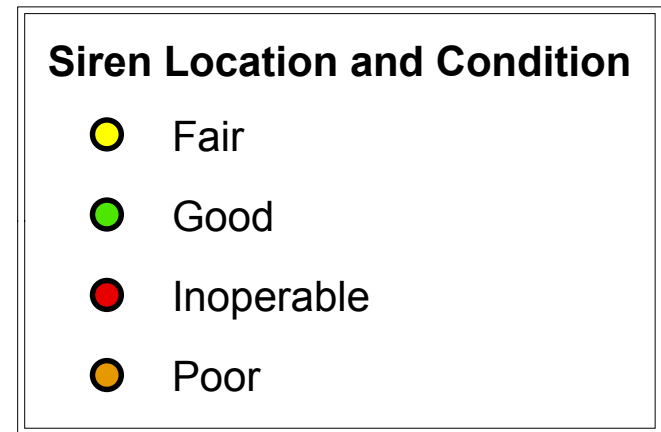
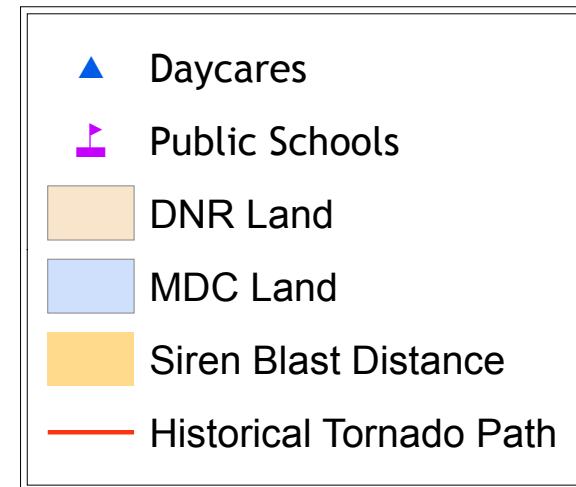
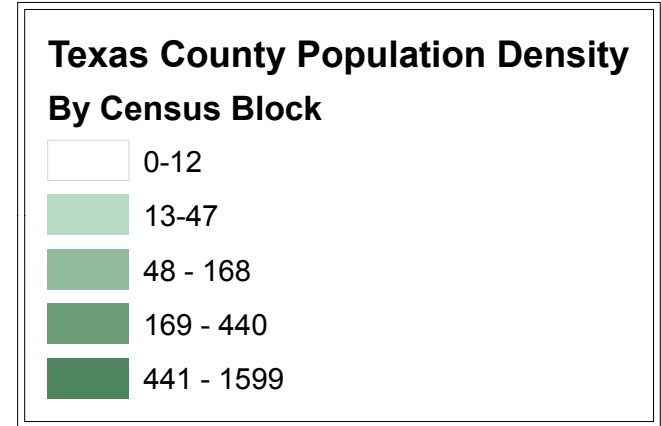
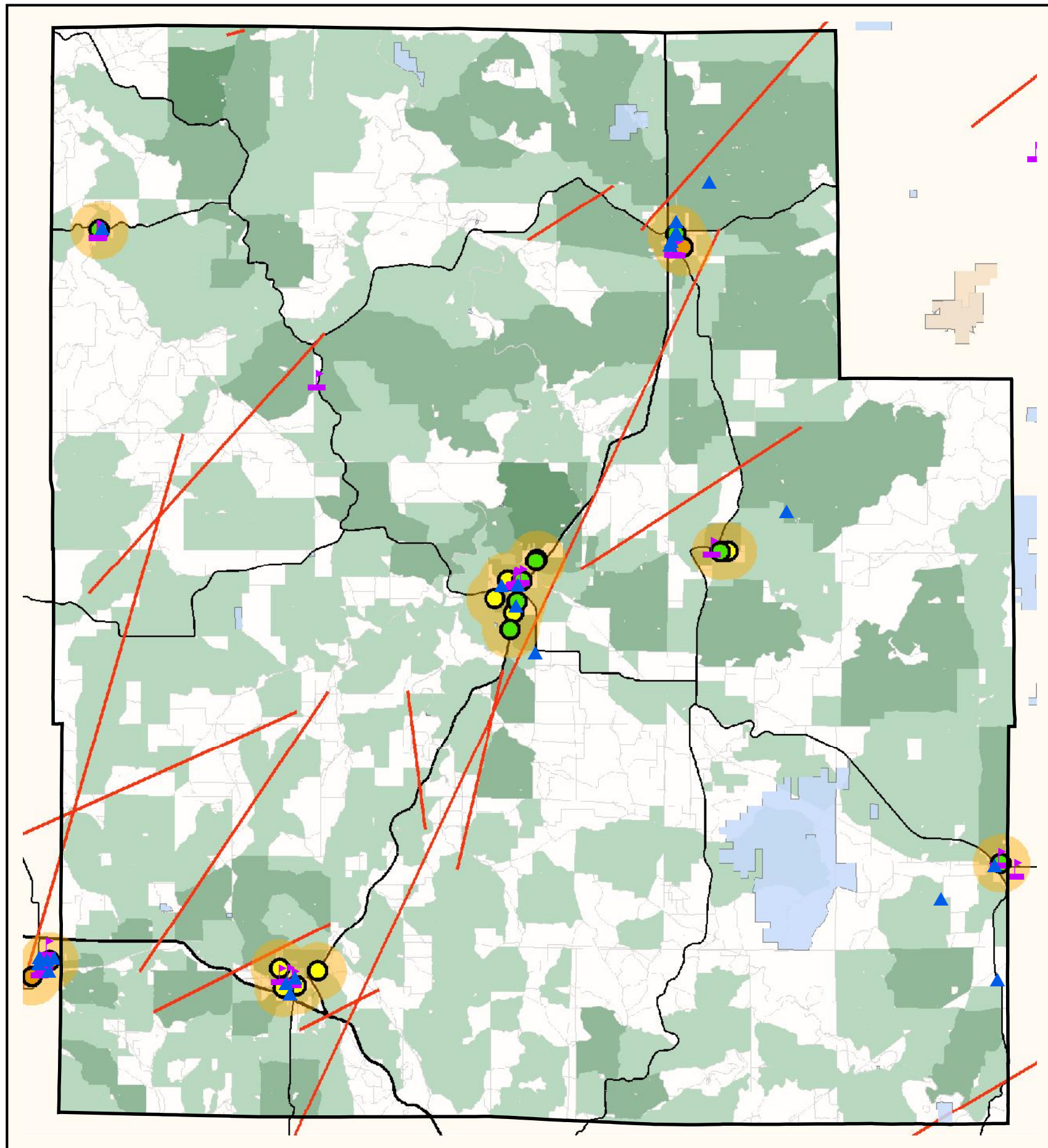
- Fair
- Good
- Inoperable
- Poor

- ▲ Daycares
- ▲ Public Schools
- Historical Tornado Path
- DNR Land
- MDC Land
- Siren Blast Distance



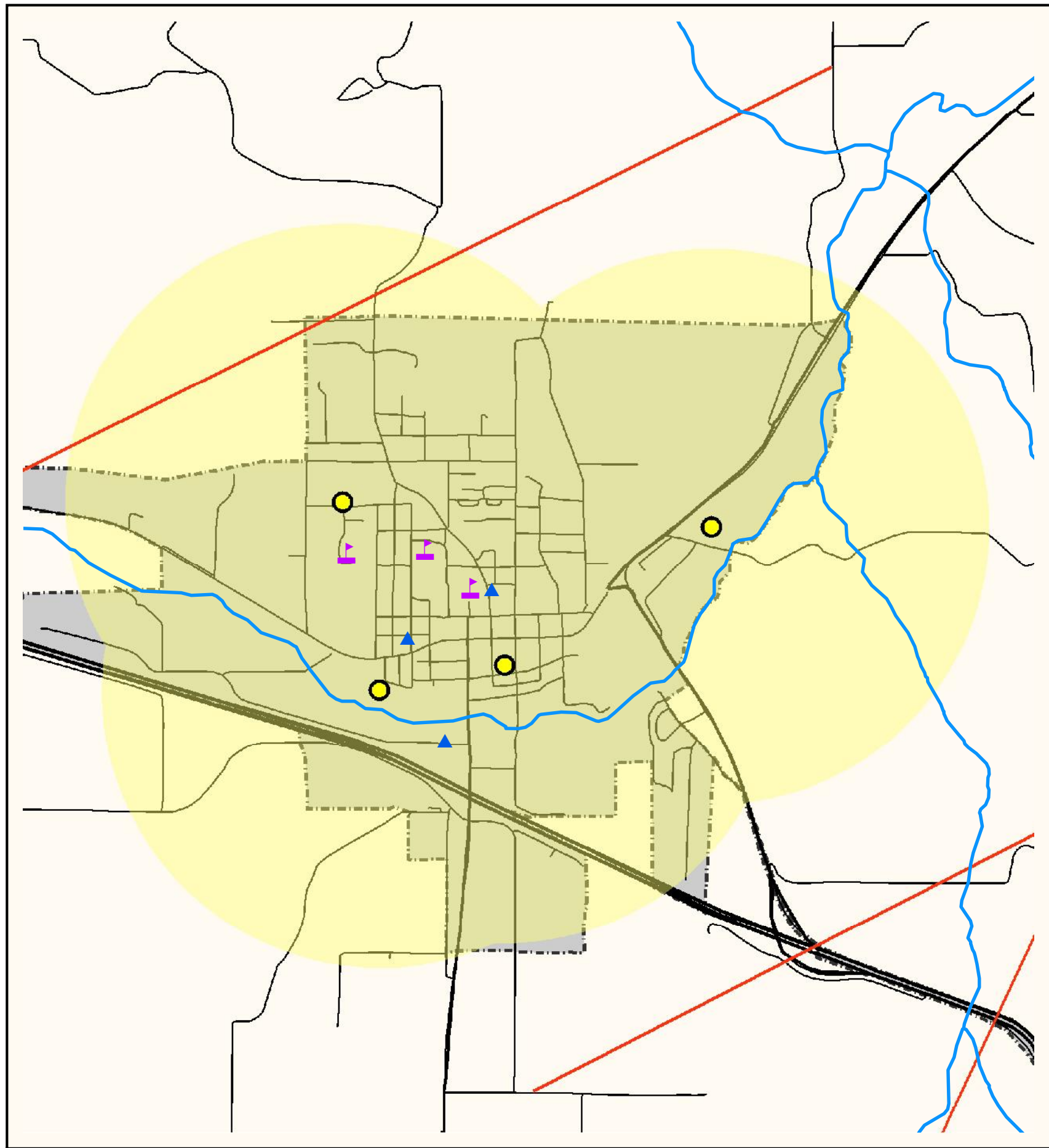
City of Winona Siren Coverage

Prepared By:
 South Central Ozark Council of Governments
 Source(s): MoDOT, MSDIS, US Census Bureau, SCOCOG



Texas County Siren Coverage

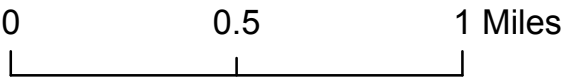
Prepared By:
 South Central Ozark Council of Governments
 Source(s): MoDOT, MSDIS, US Census Bureau, SCOCOG



Siren Location and Condition

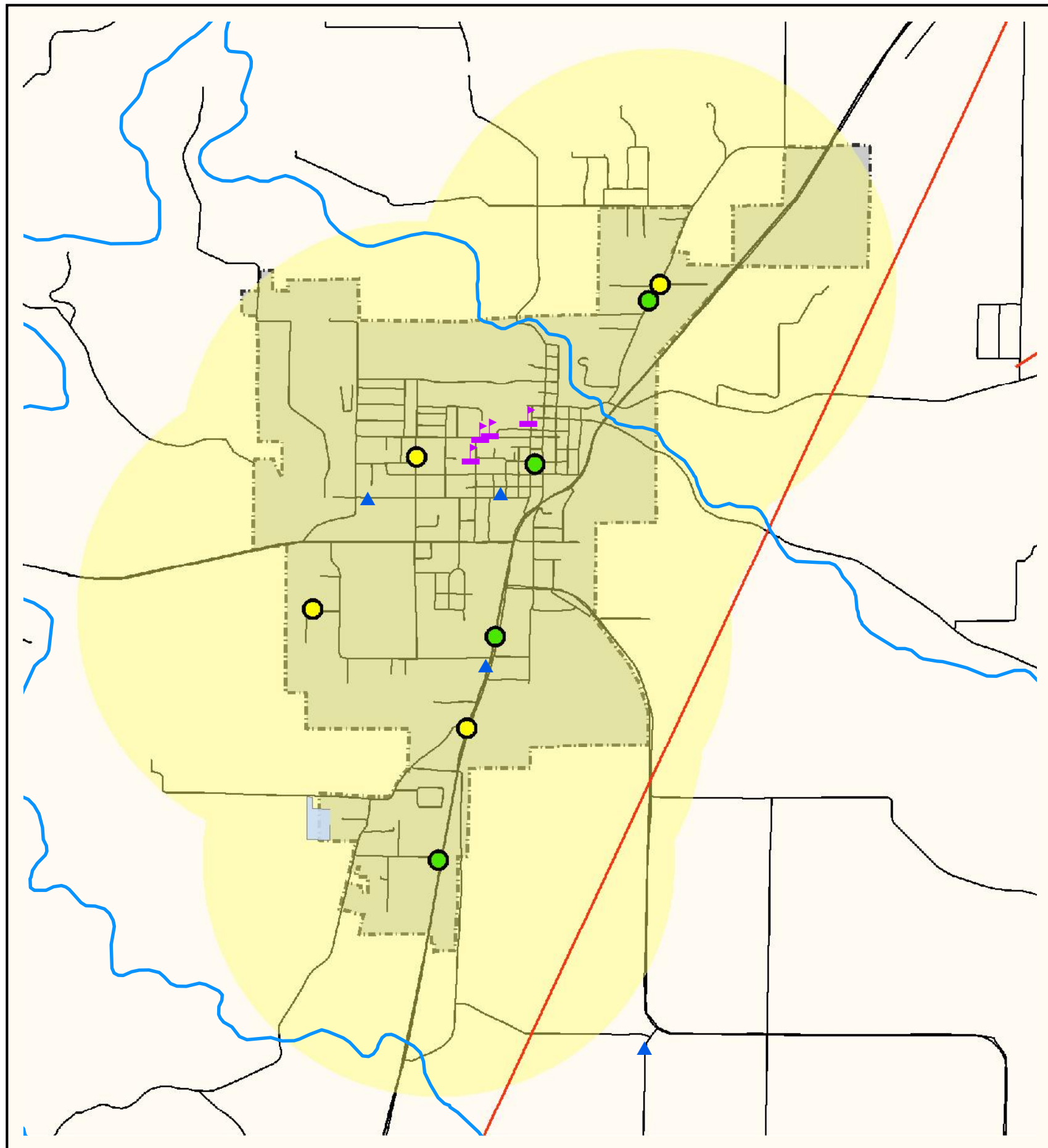
- Fair
- Good
- Inoperable
- Poor

- ▲ Daycares
- ▲ Public Schools
- DNR Land
- MDC Land
- Historical Tornado Path
- Siren Blast Distance



City of Cabool Siren Coverage

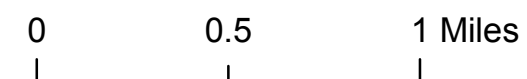
Prepared By:
 South Central Ozark Council of Governments
 Source(s): MoDOT, MSDIS, US Census Bureau, SCOCOG



Siren Location and Condition

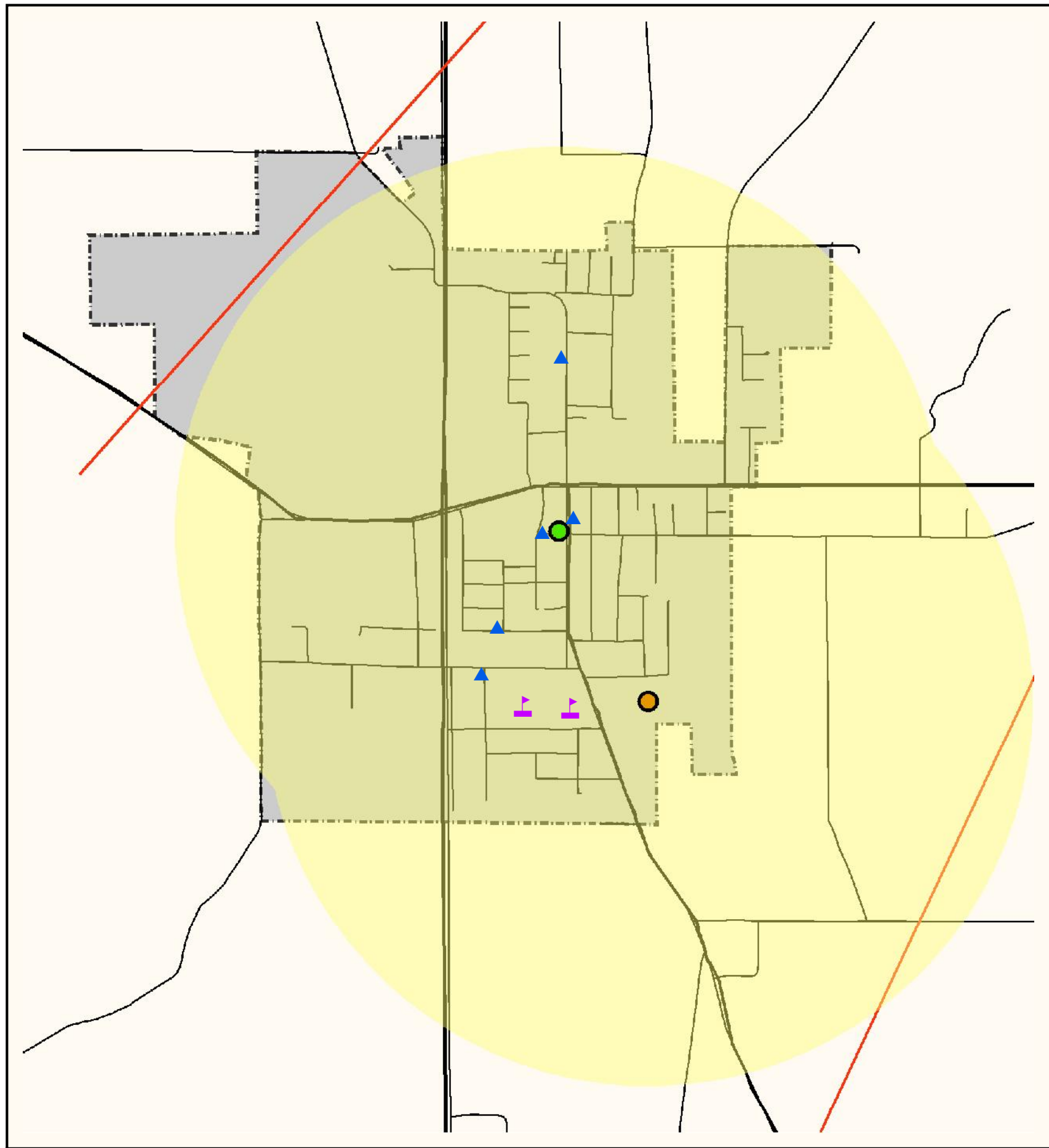
- Fair
- Good
- Inoperable
- Poor

- ▲ Daycares
- ▲ Public Schools
- DNR Land
- MDC Land
- Historical Tornado Path
- Siren Blast Distance



City of Houston Siren Coverage

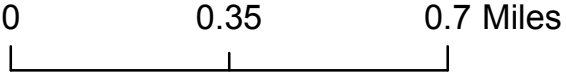
Prepared By:
 South Central Ozark Council of Governments
 Source(s): MoDOT, MSDIS, US Census Bureau, SCOCOG



Siren Location and Condition

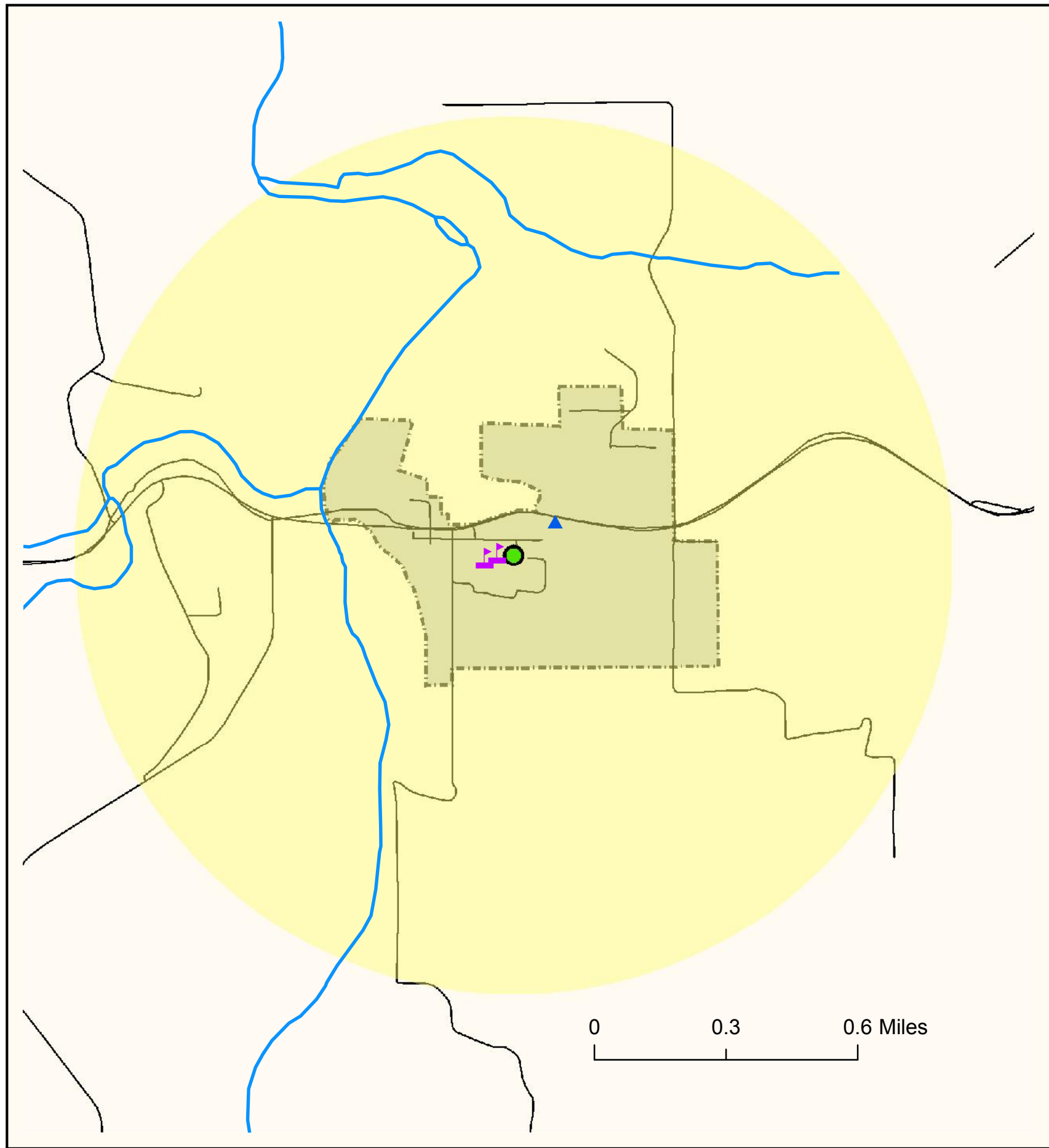
- Fair
- Good
- Inoperable
- Poor

- ▲ Daycares
- ▲ Public Schools
- DNR Land
- MDC Land
- Siren Blast Distance
- Historical Tornado Path



City of Licking Siren Coverage

Prepared By:
 South Central Ozark Council of Governments
 Source(s): MoDOT, MSDIS, US Census Bureau, SCOCOG



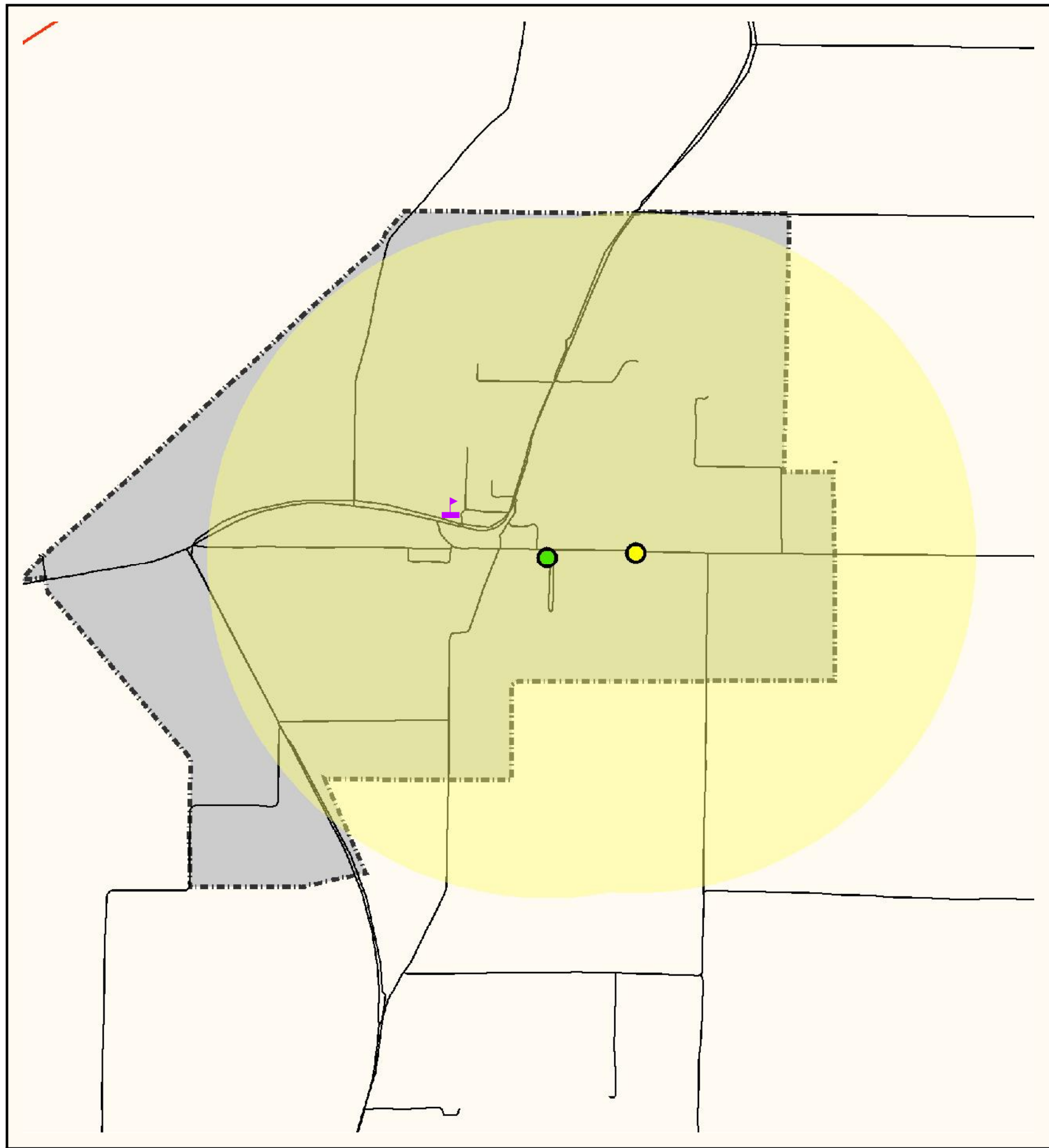
Siren Location and Condition

- Fair
- Good
- Inoperable
- Poor

- ▲ Daycares
- ▤ Public Schools
- DNR Land
- MDC Land
- Siren Blast Distance
- Historical Tornado Path

Village of Plato Siren Coverage

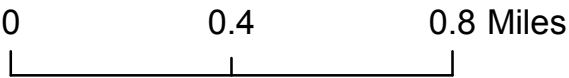
Prepared By:
 South Central Ozark Council of Governments
 Source(s): MoDOT, MSDIS, US Census Bureau, SCOCOG



Siren Location and Condition

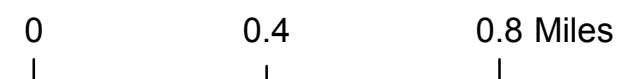
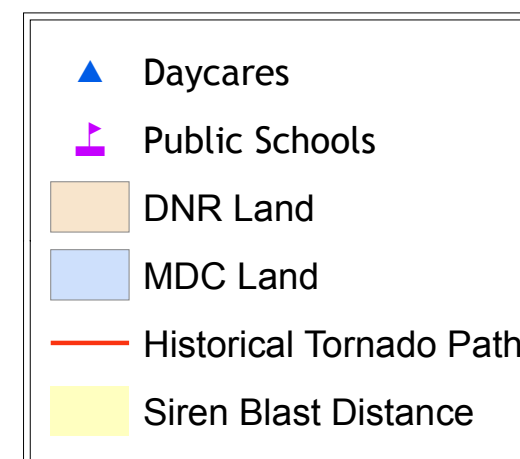
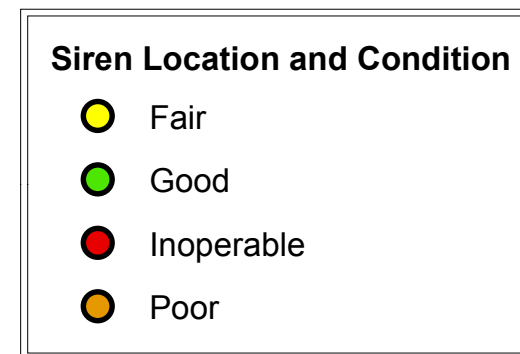
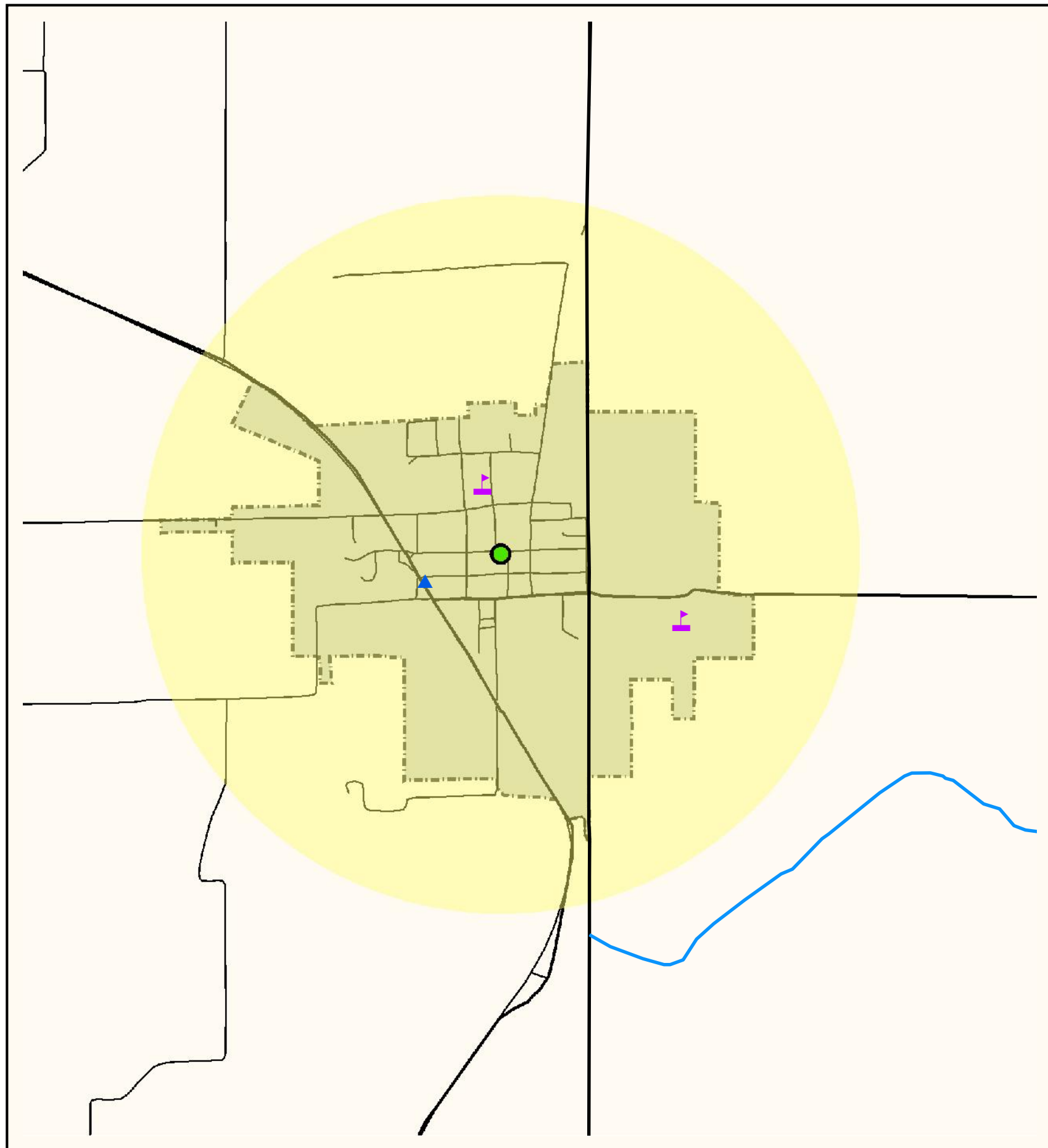
- Fair
- Good
- Inoperable
- Poor

- ▲ Daycares
- ▲ Public Schools
- DNR Land
- MDC Land
- Historical Tornado Path
- Siren Blast Distance



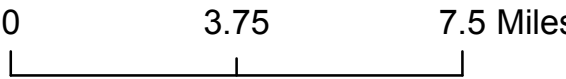
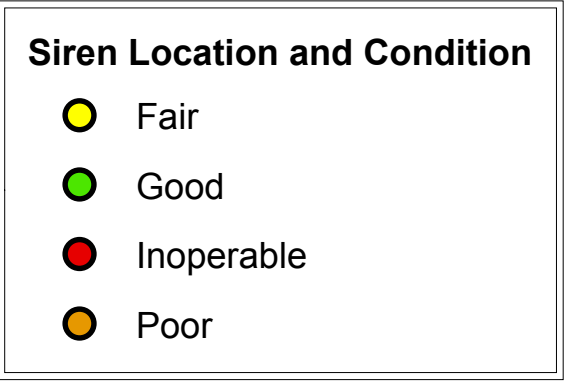
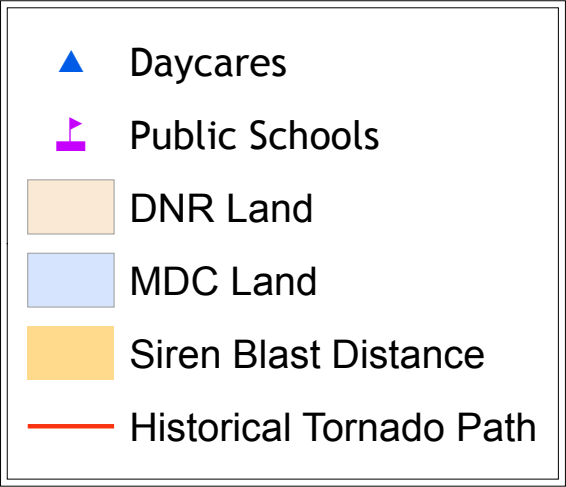
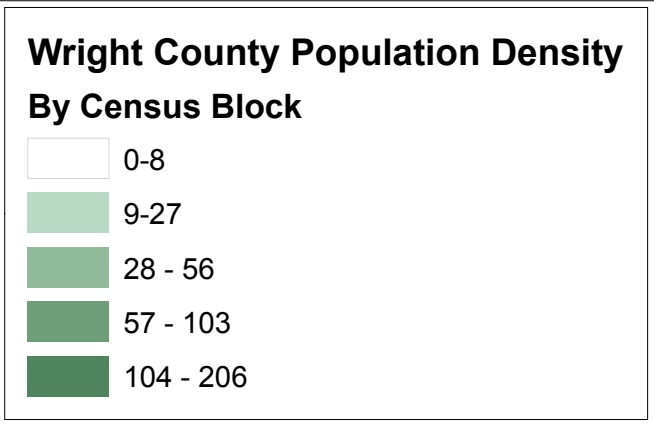
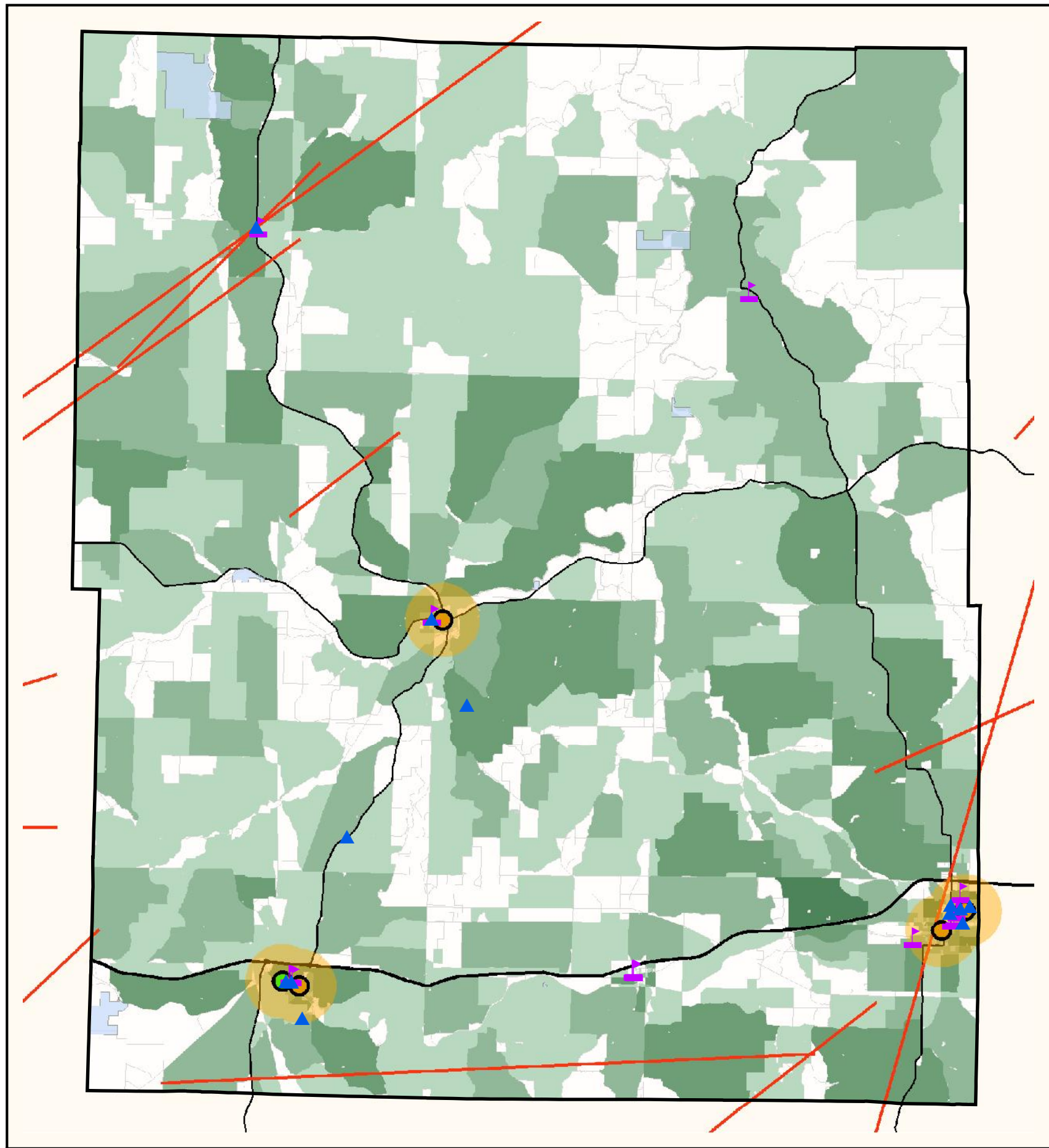
City of Raymondville Siren Coverage

Prepared By:
 South Central Ozark Council of Governments
 Source(s): MoDOT, MSDIS, US Census Bureau, SCOCOG



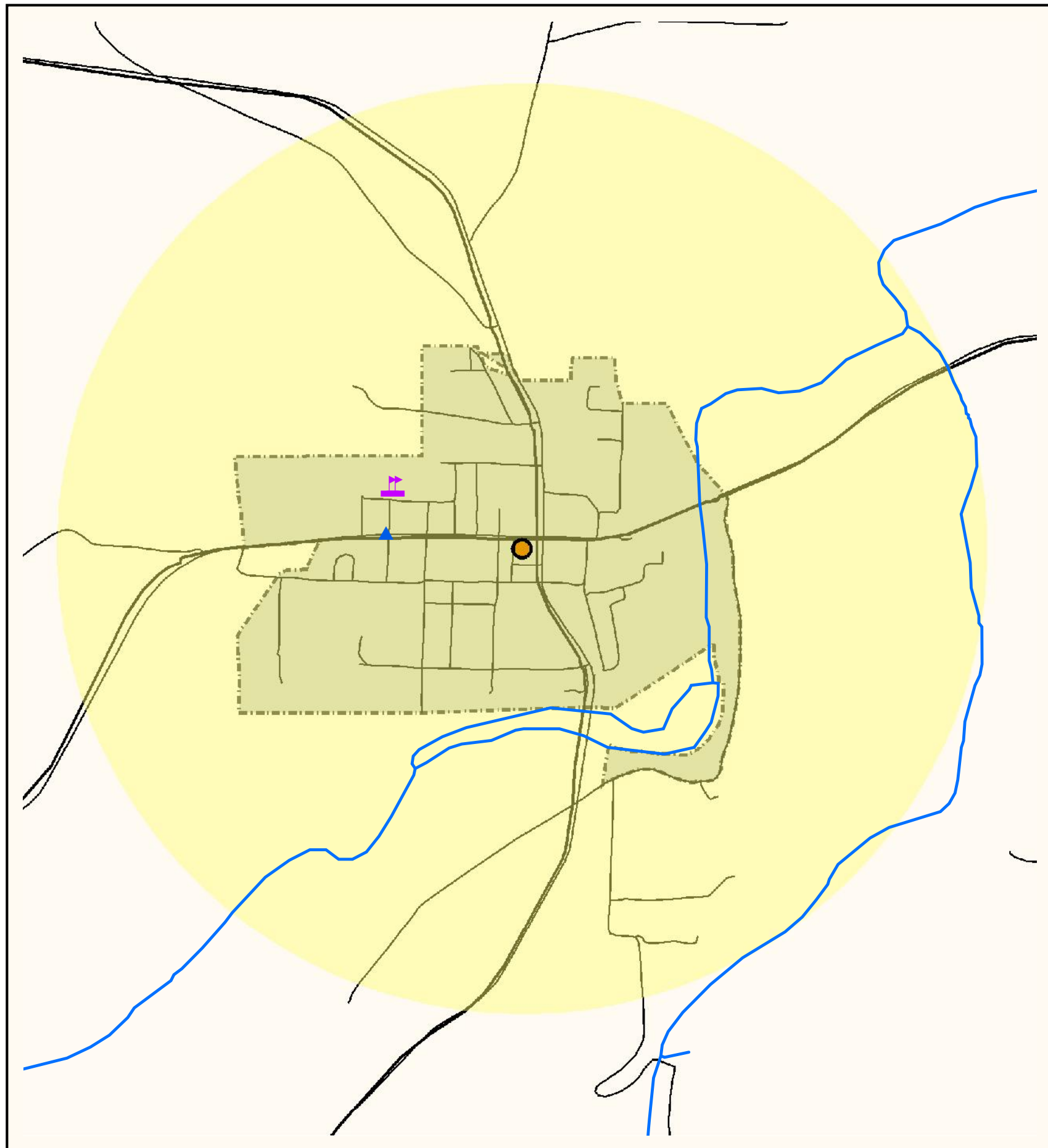
City of Summersville Siren Coverage

Prepared By:
 South Central Ozark Council of Governments
 Source(s): MoDOT, MSDIS, US Census Bureau, SCOCOG



Wright County Siren Coverage

Prepared By:
 South Central Ozark Council of Governments
 Source(s): MoDOT, MSDIS, US Census Bureau, SCOCOG



0 0.3 0.6 Miles

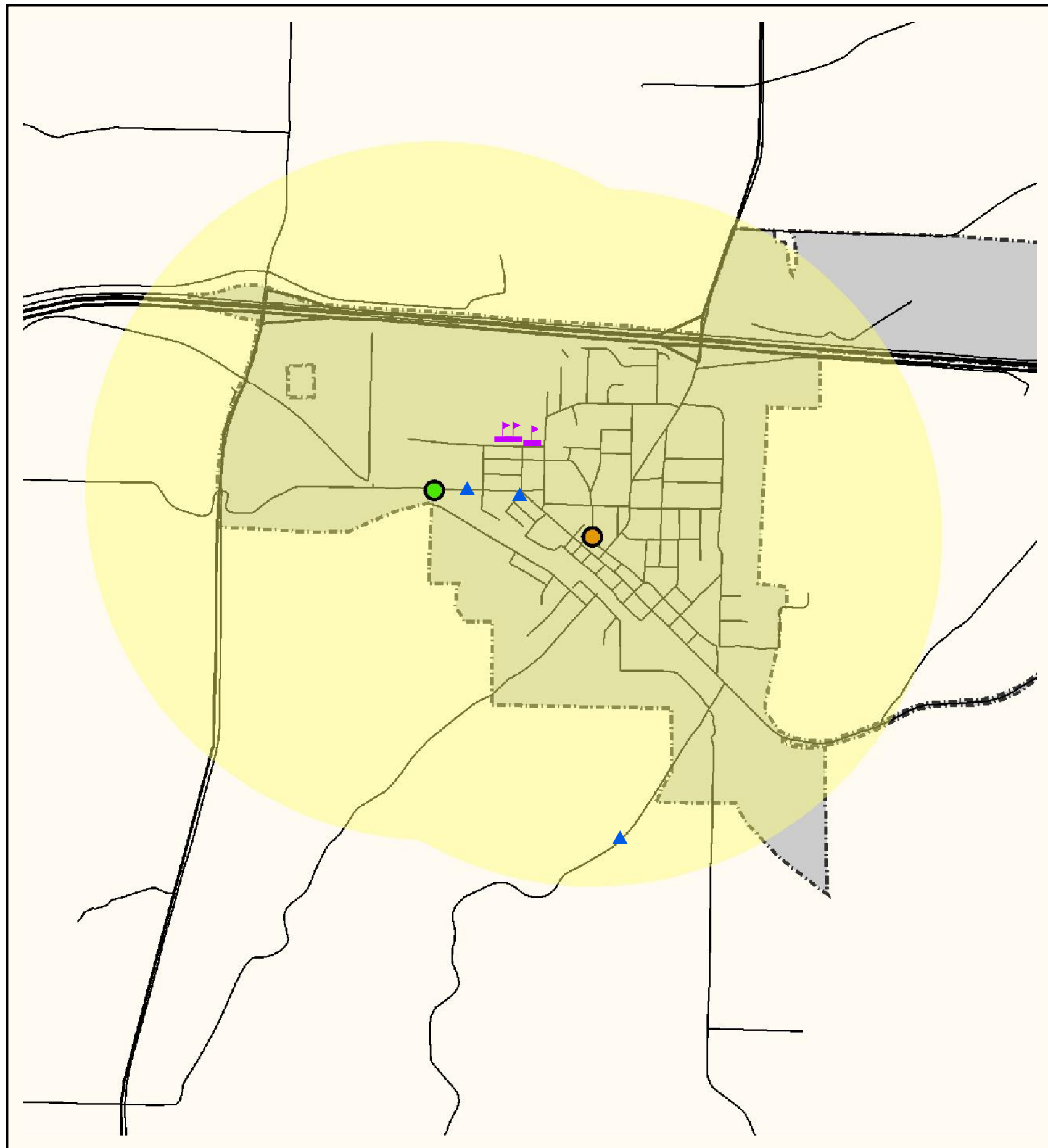
Siren Location and Condition

- Fair
- Good
- Inoperable
- Poor

- ▲ Daycares
- ▲ Public Schools
- DNR Land
- MDC Land
- Siren Blast Distance
- Historical Tornado Path

Hartville Siren Coverage

Prepared By:
 South Central Ozark Council of Governments
 Source(s): MoDOT, MSDIS, US Census Bureau, SCOCOG



0 0.4 0.8 Miles

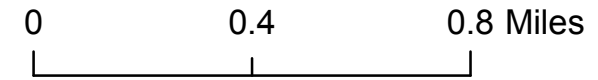
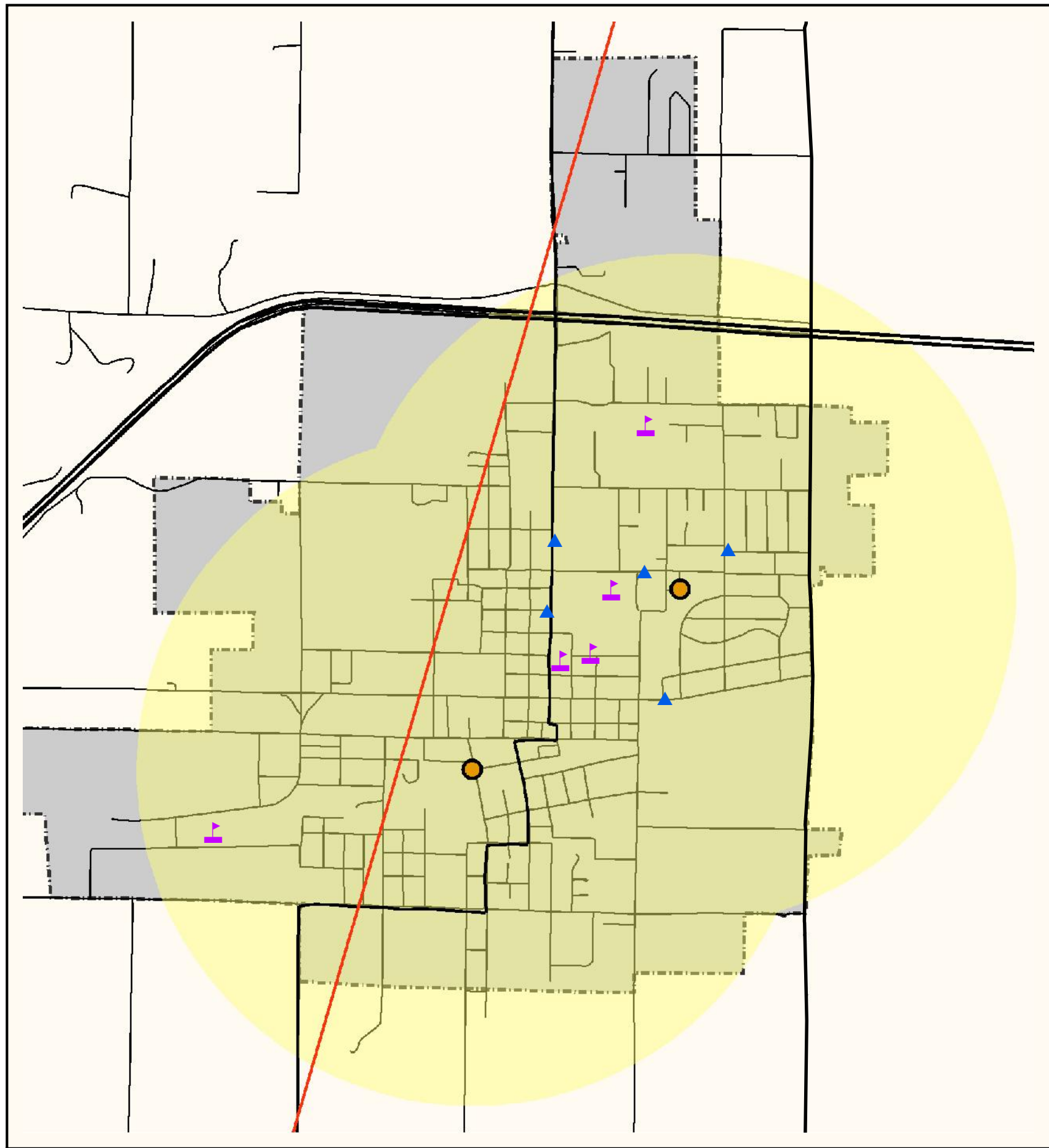
Siren Location and Condition

- Fair
- Good
- Inoperable
- Poor

- ▲ Daycares
- ▲ Public Schools
- DNR Land
- MDC Land
- Siren Blast Distance
- Historical Tornado Path

Mansfield Siren Coverage

Prepared By:
 South Central Ozark Council of Governments
 Source(s): MoDOT, MSDIS, US Census Bureau, SCOCOG



Siren Location and Condition

- Fair
- Good
- Inoperable
- Poor

- ▲ Daycares
- ▲ Public Schools
- DNR Land
- MDC Land
- Historical Tornado Path
- Siren Blast Distance

Mountain Grove Siren Coverage

Prepared By:
 South Central Ozark Council of Governments
 Source(s): MoDOT, MSDIS, US Census Bureau, SCOCOG

