City of Little Rock
Outdoor Warning System
Proposed Design Layout

Summary of Design

When evaluating the City of Little Rock’s existing warning system, SafetyCom/Carter & Burgess reviewed data from potential sites, and utilize GIS analysis to provide a complete system design.

Design Criteria for evaluating the existing warning system and system recommendation:

Geographic and Topographic Aspects at proposed locations.
Population Density at proposed locations.
Ambient Noise at proposed locations.
GIS data and USGS contour models.

Recommended sirens based on this design.
Ten Cell = 45 each
Six Cell = 11 each
Total number of sirens = 56

Population density coverage taken from 2000 Census Data

Low ambient noise levels in this area will allow sirens No. 3 & No. 8 to supply ample coverage.

Low ambient noise levels in this area will allow sirens No. 16 & No. 20 to supply ample coverage.

Low ambient noise levels in this area will allow sirens No. 41 to supply ample coverage.

Low ambient noise levels in this area will allow sirens No. 45 & No. 37 to supply ample coverage.

Base on population data gathered from US Census and physical evaluation by the design team, we do not see the need to install sirens within this area.

3D Models utilized to determine optimal siren locations.