



TORNADO SIRENS

Per Council Request
February 7, 2008



TORNADO SIRENS

● Federal Signal 2001AC	12
● Federal Signal 2001AC Series B	4
● FS Allertor 125 ARCL-MS1	6
● Federal Signal 2001-130	1
● Sentry Siren 16V1T-B	<u>3</u>
● Total	26

TORNADO SIRENS

- Test on February 7, 2008
- 5 did not work
- 2 Federal Signal 2001 AC Series B
- 2 Sentry Sirens 16V1T-B (new in 07)
- 1 Federal Signal Allertor 125 ARCL-MS1
Antenna problem coupled with mechanical
Antenna ordered, replaced 2/20/08.
Mechanicals in process.

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- Total of 26
- 9 are 14 years old per manufacturer
- 4 are 11 years old per manufacturer
- 3 are 9 years old per manufacturer
- 1 is 7 years old per manufacturer
- 4 are less than 1 year old per purchase docs
- 5 definitive date could not be determined

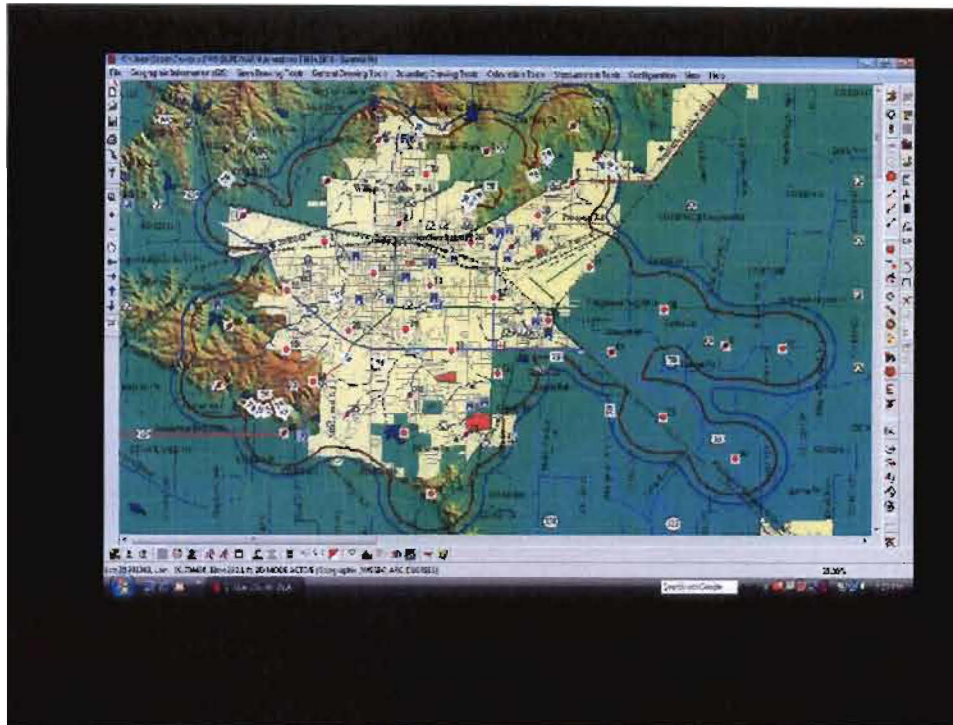
- Total to keep current levels **22**

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- May 25, 2007 Survey stated needed 38
- $38 - 26 = 12$ additional
- 12 OVER CURRENT LEVELS NEEDED
- **12 MORE**

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- 22 TO REPLACE CURRENT
- 12 ADDITIONAL TO FILL IN GAPS
- 34 TOTAL NEEDED AT PRESENT
- RESERVE FOR CONTINGENCY (4)
- TOTAL NEED AT PRESENT **38**



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- Option info per **Federal Signal Corporation**
- Update 2001AC 17 X \$6,936.5 = \$117,920.50
- Replace 5 Allertor and 4 Sentry = \$167,475.60
- Add 12 2001-130 Series = \$ 223,300.80
- Install 2 Activation Points \$ 23,902

- **Total to update/add/controllers =**
\$532,599

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- Cost per Storm Sirens, Inc – Norman OK
- 38 Sirens per May 25, 2007 survey cost
- 38 X \$16,500 = **\$627,000**

- 38 Controllers to verify working condition of sirens 38 X \$3,308 = **\$125,704.00**

- Total per Survey recommendations
- **\$752,704.00**

WARNING NOTICE

- Behavior Guides Technology
- Education of Public on Varied Available Information Sources
- Simple Technology Still Works
- Emergency Notification's Future

WARNING NOTICE

- “The challenge of public warning is not going to go away.” Art Botterell
community warning system manager
Contra Costa County, California
- Once the act of warning becomes a statutory obligation rather than a discretionary act, there is liability.

Alternatives and Additions

- NOAA WEATHER RADIOS \$25-\$45 each
- Regular Battery powered Radio
- Television – KAIT8, Memphis, Little Rock
- Internet – Instant Message (IM)
- Phone – Land line, Cell, Text Messages
- Mass Notification Systems

Alternatives and Additions

- Mass Notification System – Complex
- Basic Questions to begin selection
 - 1.) Who Operates the system - City or Vendor?
 - 2.) Is system designed to contact the people you need to reach?
 - 3.) Is the system scalable for current and future needs?

Alternatives and Additions

- 4.) Is system completely reliable?
365/24/7?
- 5.) How Flexible is system?
- 6.) What is its pricing structure?
- Additional information on how to Select Mass Notification System



Notification Websites

- <http://www.messageone.com/crisis-notification>
- www.redalertsystem.com
- <http://www.3nonline.com/emergency-response>
- www.madah.com
- <http://www.emergency-notification-systems.com/>
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JUST A FEW OF THOUSANDS!