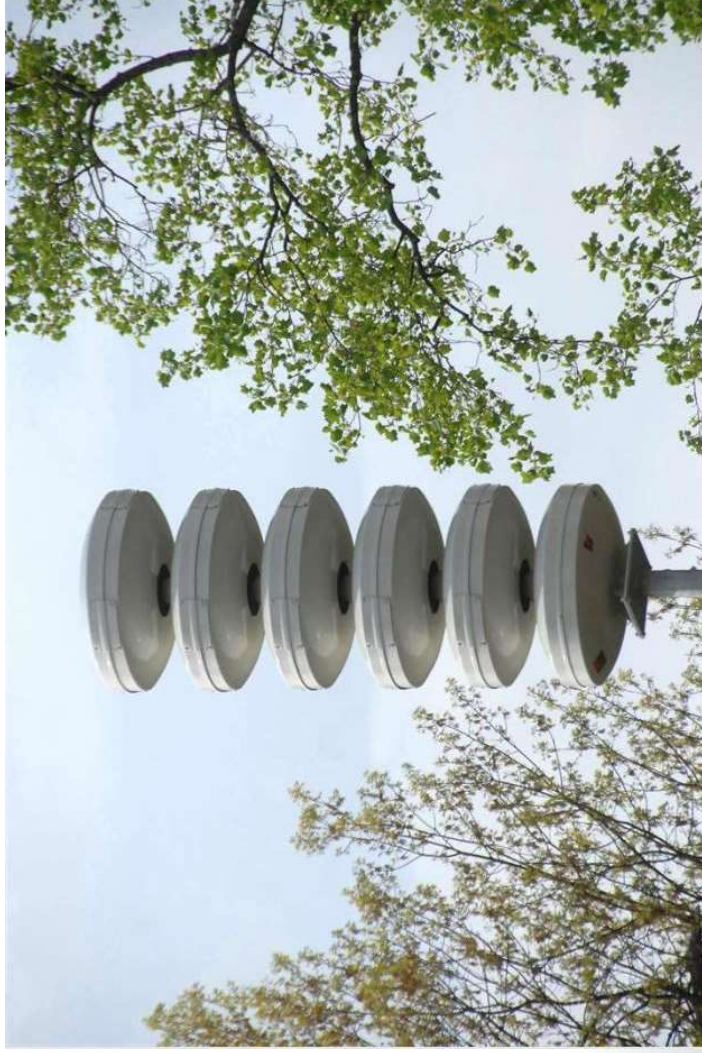




OUTDOOR WARNING SIREN SYSTEM

Ad-Hoc Meeting



01/30/2020



AGENDA

- Background
- Project Scope
- Considerations
- Next Steps
- Future Phases



BACKGROUND

- A Citywide outdoor warning system has been identified as a priority project to an additional layer of notification redundancy in case of:
 - Fire
 - Earthquake
 - Terrorism
- City partnered with Mission Critical Partners to complete the first phase of the study.



PROJECT SCOPE

- **Phase One**
 - Identify needs, requirements, expectations
 - General site assessments
 - Develop coverage maps and comparison of options to consider
- **Phase Two:**
 - Detailed design
 - Specific site selection
 - Community outreach
 - Specifications document



CONSIDERATIONS

- Siren Needs
 - Fire
 - Natural disaster
 - Man made disaster
 - Terroristic threats
- How to Notify
 - Voice/Tone siren
 - Tone only siren
 - Combination of
- Number of Sirens to Use
 - Use less, larger sirens
 - Use more, smaller sirens





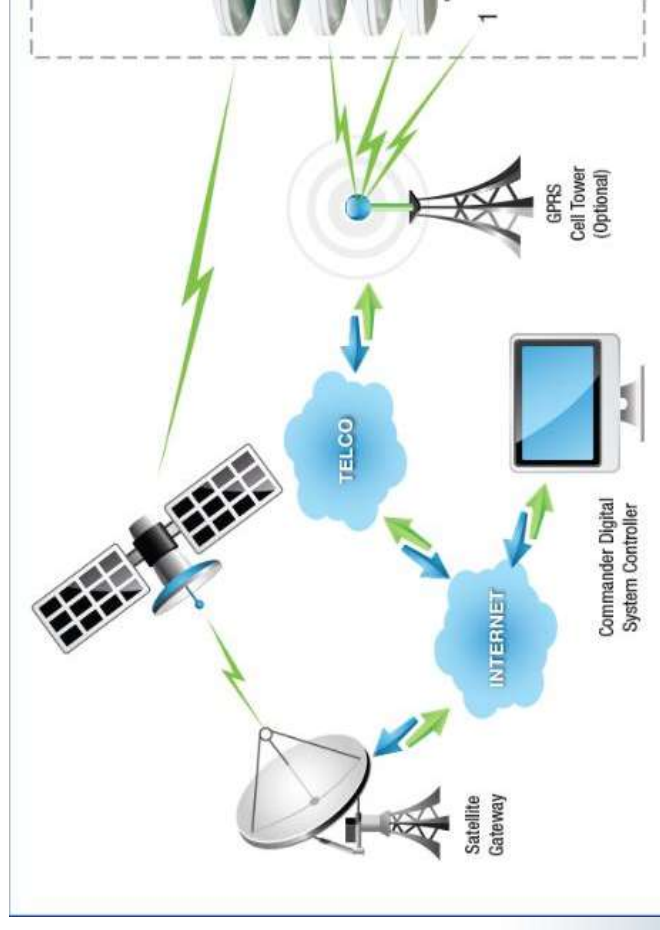
CONSIDERATIONS

- **Redundancy of System**
 - Overlap of siren coverage
- **Operations of System**
 - Who can activate
 - Automate system with other alerting systems (NOAA, IPAWS, USGA)
- **Testing of System**
 - When
 - How often
 - Full vs silent



CONSIDERATIONS

- Security of System
 - Standardized encryption end-to-end
 - Vendor specific methods
- System Communications
 - Satellite
 - Cellular
 - Radio
- Sustainability of System
 - Battery replacement costs
 - Yearly maintenance of system
 - Normal break fix





NEXT STEPS

- Presentation of early findings to City Council on 2/18/20 which will include:
 - Options
 - Cost
 - Timeline
- Final Assessment Report due early March 2020
- Approve agreement with MCP for Phase Two, March/April 2020
- CEQA
- Competitive bidding, Fall 2020
- Implementation
- ***Early Installation of Temporary Sirens north of Sunset Boulevard is targeted to be completed by end of June 2020***



Feedback/Questions