

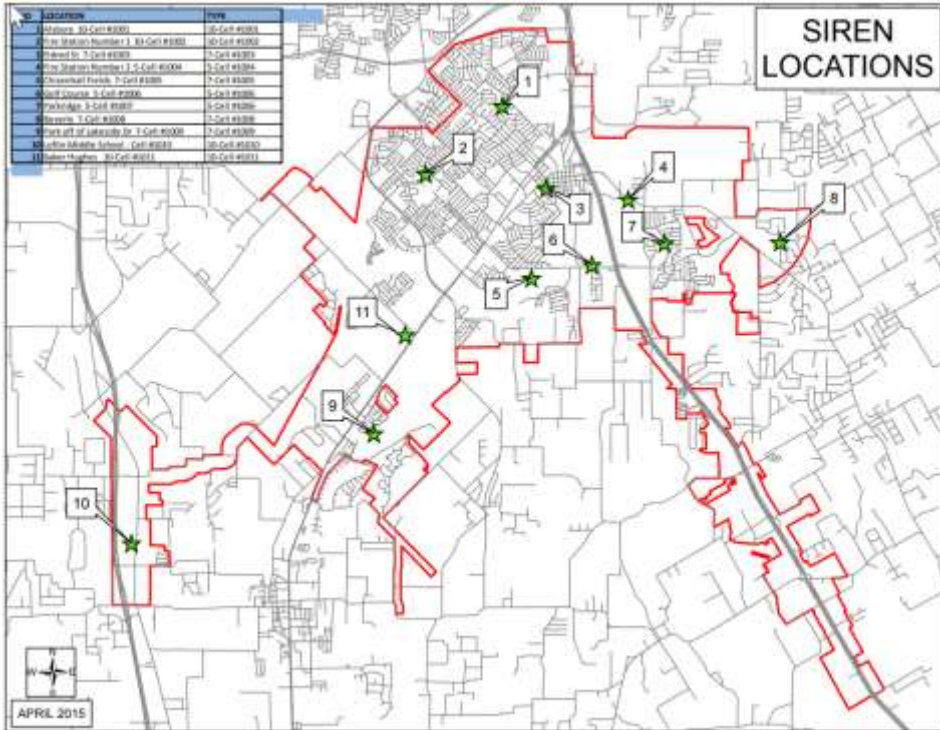


# Outdoor Warning System

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Joe Laster, MPA, CEM®  
Emergency Operations Manager

# Updating our Outdoor Warning (OWS) System



## Current System

- Gaps in Coverage
- Range of Coverage Varies
- 20 + Year in Age
- Two Points of Activation (STA 16, PS Comms)
- Automatic Activation- Tornado Warning

# New System

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- 6,100 Ft Range of Coverage
- Modern, Affordable
- More Options for Activation
- Upgraded Cybersecurity
- Smart Device Activation
- Fully Solar Powered
- Automatic Activation-  
Tornado & Severe Weather





# Phase 1 OWS Plan

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- Denton ILA Approved by Burleson Jan. 2023
- Council Approved Order of Four OWS in April 2023
- Ordered Four Sirens April 2023
- Received the Four Sirens in September 2023
- Installed April 2024
  - Fire Station 1
  - Memorial Plaza
  - Bluebird Meadows
  - Hidden Creek Softball Fields

# KNOW YOUR OUTDOOR WARNING SYSTEM

**11** outdoor warning sirens are strategically placed around Burleson.

Sirens are **NOT** meant to be heard indoors, they are for **OUTDOOR** warning purposes.

A siren signals to seek shelter inside and seek additional information.

If a siren stops, it **DOES NOT** mean the threat has ended.

## WHEN DOES BURLESON ACTIVATE THE OUTDOOR WARNING SIRENS?

- Tornado Warning issued by the National Weather Service
- Trained Storm Spotter Report of a Tornado
- Hail 1.5" or larger in diameter
- Winds of 70 mph or greater
- Other Outdoor Emergencies

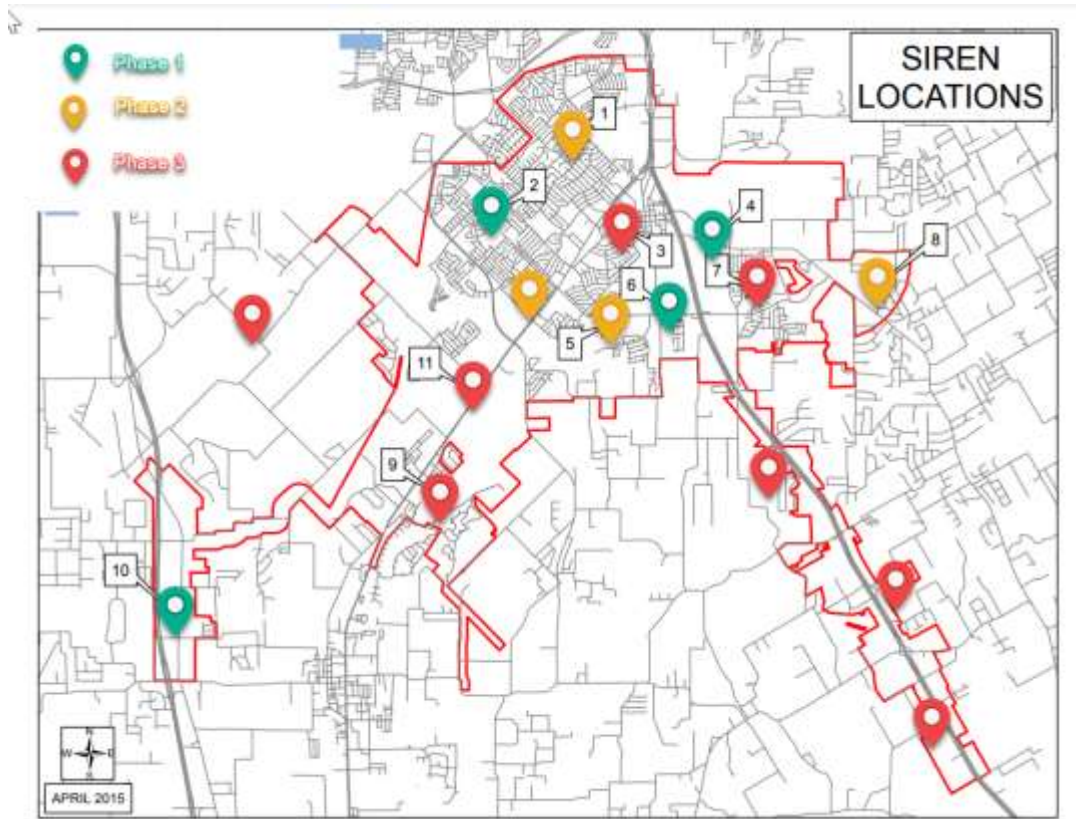
**BURLESON**  
TEXAS

# Phase 2 OWS Plan

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- Four OWS ordered April 2024
- Arrived September 2024
- Currently Coordinating Install
- Locations
  - BISD Admin (New Install)
  - Chisenfields
  - Alsbury Blvd
  - Parkridge

# Phase 3 OWS Plan



- Order remaining eight sirens
  - 3 New Installs Down I-35
  - 1 New Install Chisolm Summit
  - 4 Replacements
- Update to CommanderOne Software
- Enter in preventative maintenance contract

# CommanderOne

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- Cloud-based Access from Any Computer or Mobile Device
- Mobile App for iOS and Android Platforms
- Map-based Activation
- AccuWeather Patented Map-based Weather Alerting and Polygon Activation Technology
- Auto-Sync HotKey, Manual and Map-Based Activation
- Built-in Reporting Tools and Customizable Dashboards
- Security - IPSEC over SSL with Multi-Layered Authentication



# OWS Preventative Maintenance

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**Goal:** Ensure reliable public safety warning systems.

**Included:**

- Full siren inspection with minor repairs.
- Technician time, travel, lodging, and assessments.
- Future maintenance recommendations.
- Factory-spec verification documentation.

**Key Tasks:**

- Inspect electrical/mechanical connections.
- Check radio modulation & frequency alignment.
- Speaker & amplifier power verification.
- Voltage checks on control boards, chargers, & batteries.
- Verify wiring, fuses, antennas, and clean cabinets.
- Inspect for vertical alignment; recommend corrections.
- Report provided for all inspections.





# Phase 3 Planning

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## TIMELINE

- Continue to work with contractor for phase 2 install
- Order Equipment- Winter 2024
- Receive Equipment- Spring 2025
- Install- Spring/Summer 2025



#BTXPREPARED

City of Burleson  
**SEVERE  
THUNDERSTORM  
WARNING**



# Cost Breakdown

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- Capital Purchase- \$345,882.35
  - Project will be funded through existing reimbursement resolution until debt is issued in August 2025
- Preventative Maintenance & CommanderOne Software Renewal
  - CommanderOne subscription and first year maintenance is included with initial purchase
  - Funded from the Fire Department's operational budget
  - The approximate annual cost of CommanderOne software renewal and maintenance in Fiscal Year 2026-27 will be \$3,675 and in Fiscal Year 2027-28 will be \$3,858.

# Action Requested

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Approve a contract for the purchase of eight outdoor warning sirens, Commander One software, and annual maintenance with two one-year optional administrative renewals from Joe Gaddard, LLC through a cooperative purchase agreement with the City of Denton in the amount of \$353,415.35.

## Options

Approve

Approve with Changes

Deny



Questions?

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