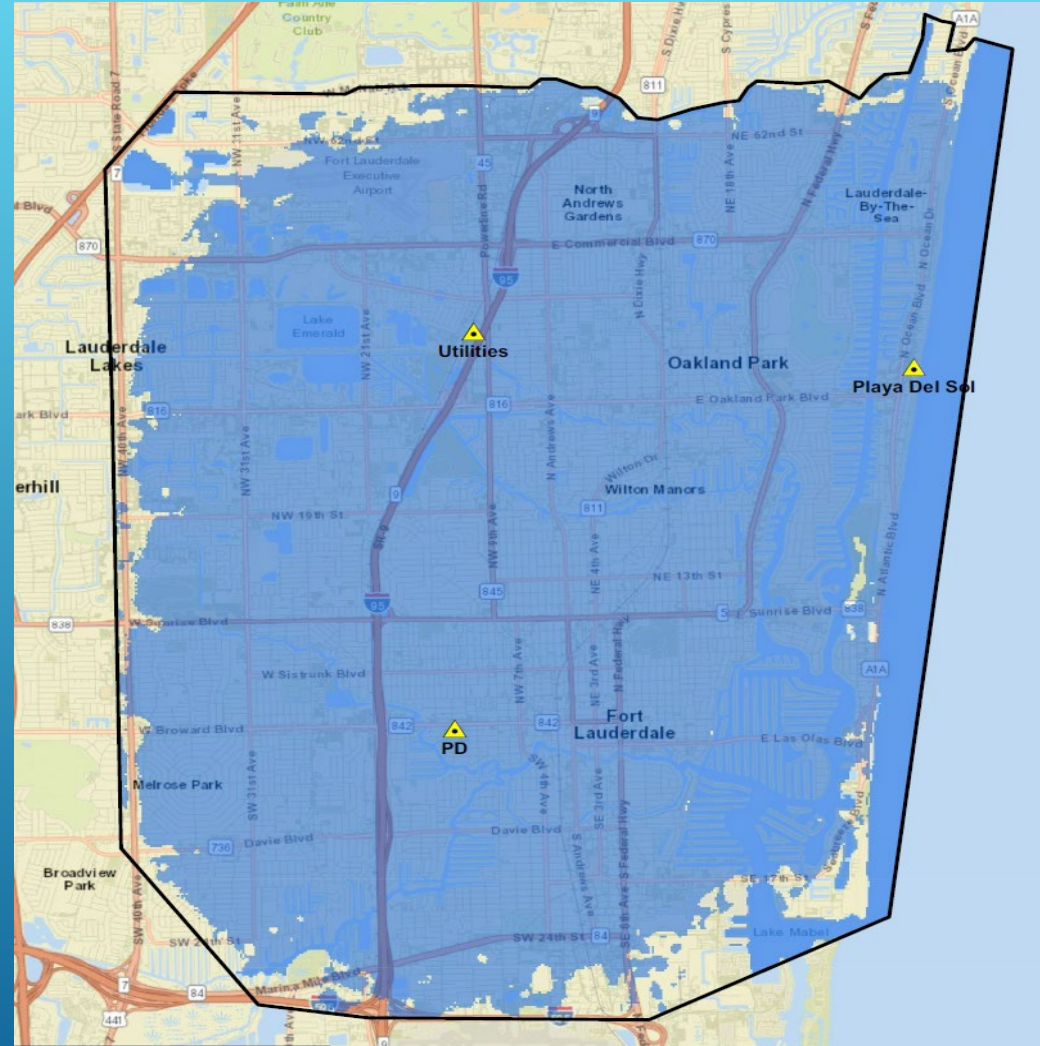


# RADIO SYSTEM UPDATE:



- State of Florida Tower
- Current Fort Lauderdale Citywide Radio System

# THE UNDERLYING PROBLEM: RADIO COVERAGE



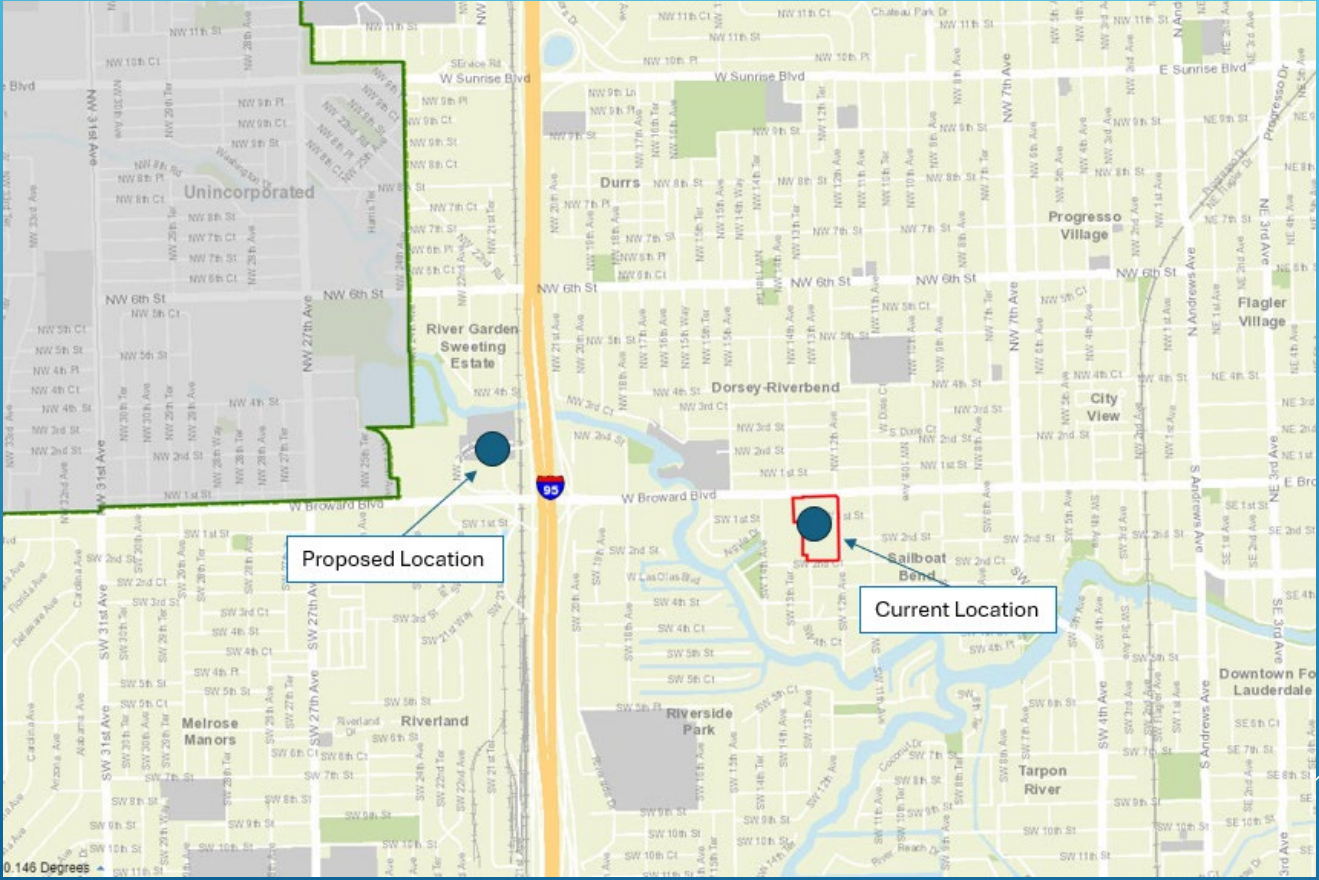
# RADIO TOWERS

- Existing Radio Tower
  - 350' in height
  - Built in 1992
    - 32 years old
    - 50 year useful lifespan
  - State maintenance to end
  - 100' from Broward Boulevard
  - Not up to the latest engineering standards
- New Tower
  - 350' in height
  - Built to the latest engineering standards
  - City costs will include
    - Permitting
    - Generator
    - New radio shelter for City equipment
  - No re-occurring rent charges
    - State to maintain the tower
  - 700' from Broward Boulevard

# THE CURRENT RADIO SYSTEM

- Antenna/Site Design from 1992
  - Design does not account for current/future density of Downtown Fort Lauderdale
  - Design does not account for current/future density of the Barrier Island
- Radio equipment update in 2015 did not include the Antenna System
- Control equipment is obsolete (may not be supported in the future)
- Old technology
  - Current technology allows for two conversations per channel
  - Current system limited to one conversation per channel
- No Logging Recorder
- No Dispatch Consoles (EOC/UCC/Call Center)

# CURRENT & PROPOSED LOCATIONS



QUESTIONS?