

City of Mesa

Proposed 2022 Bond Election Projects

March 3, 2022

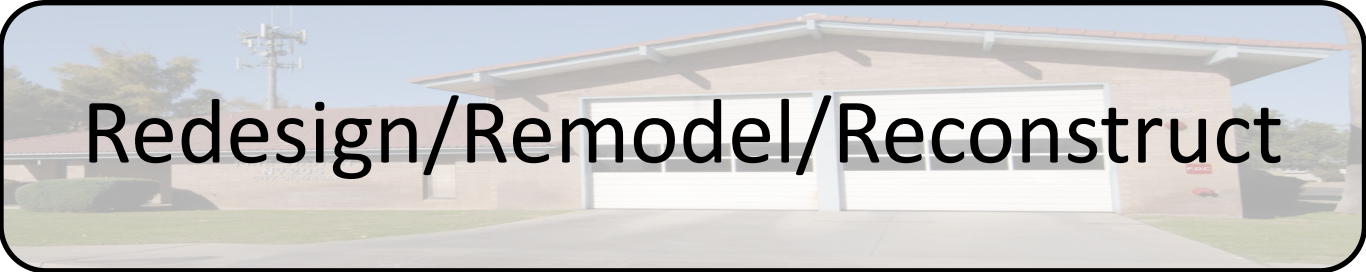


Presented by: Brian A. Ritschel, Management and Budget Assistant Director

Prioritizing for the Future



Serve Growing Areas

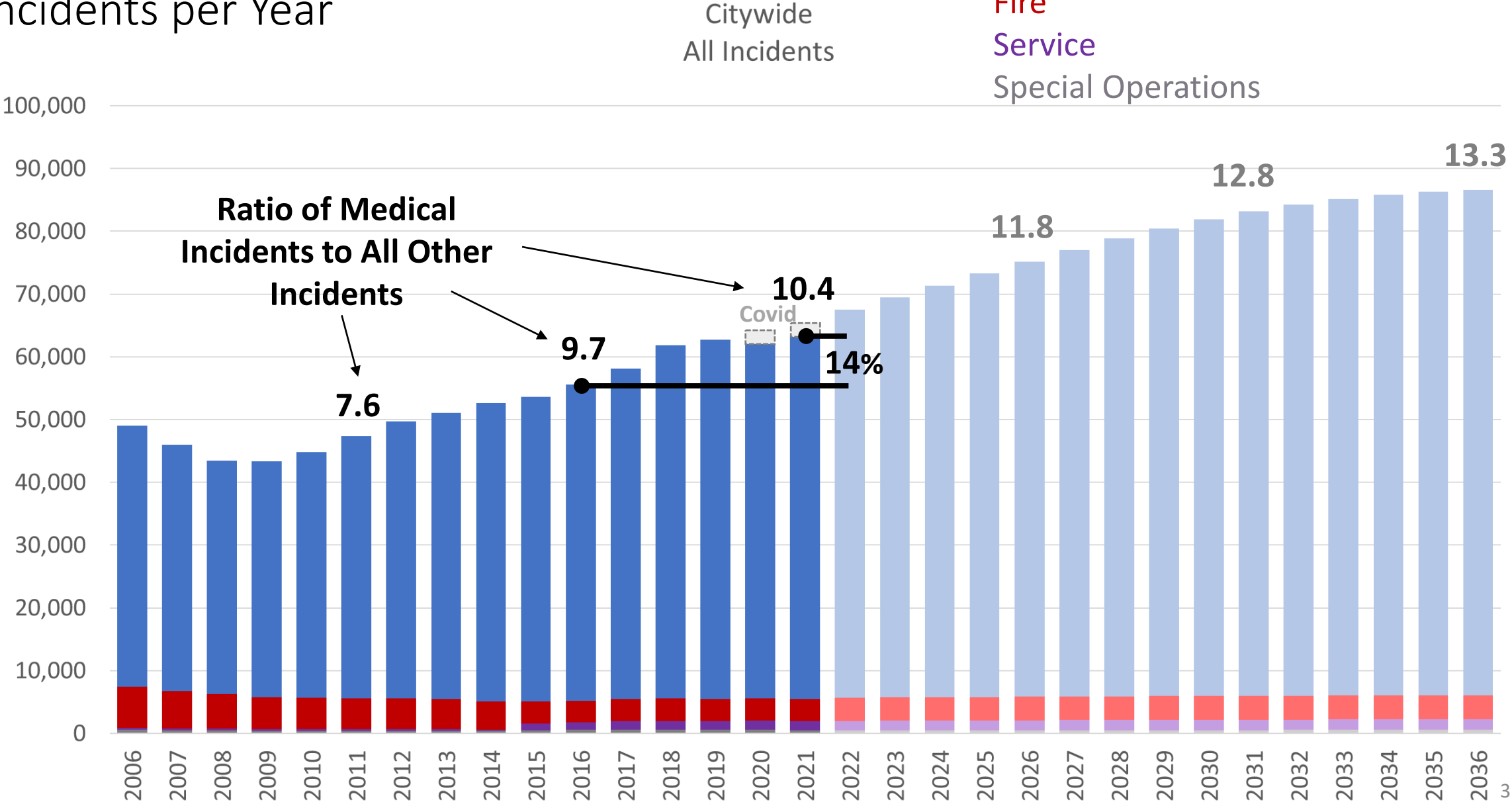


Redesign/Remodel/Reconstruct

MFMD Incident Forecast

Incidents per Year

Medical
Fire
Service
Special Operations



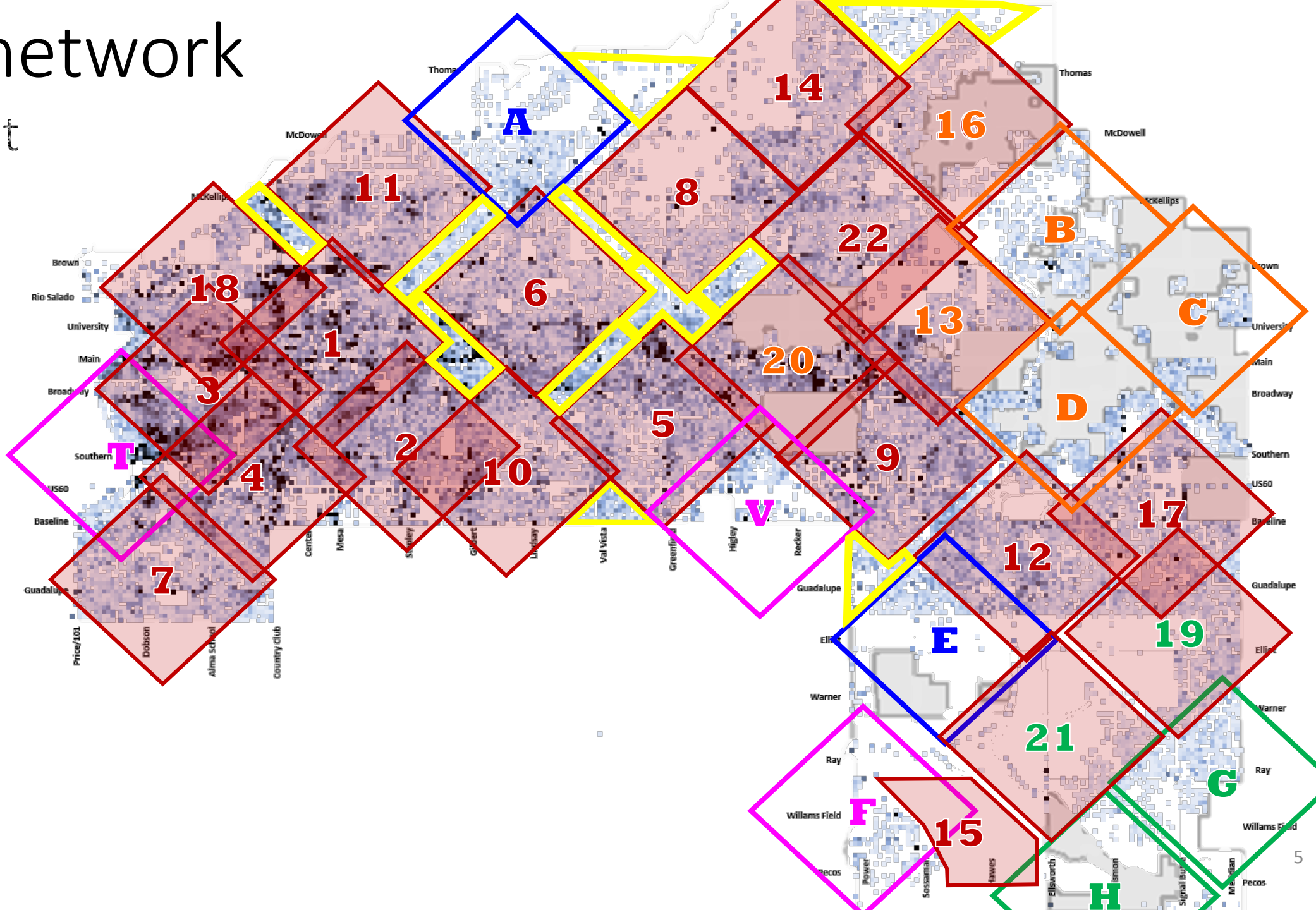
Mesa Fire and Medical Response Network Review

- Medical incident volume continues to grow
- Volume for all other incident types is essentially stable
- Medical incident volume out-numbers volume for all other incident types 10:1
- The response network balances geographic coverage with growth in volume

Station network

Incident Heat Map

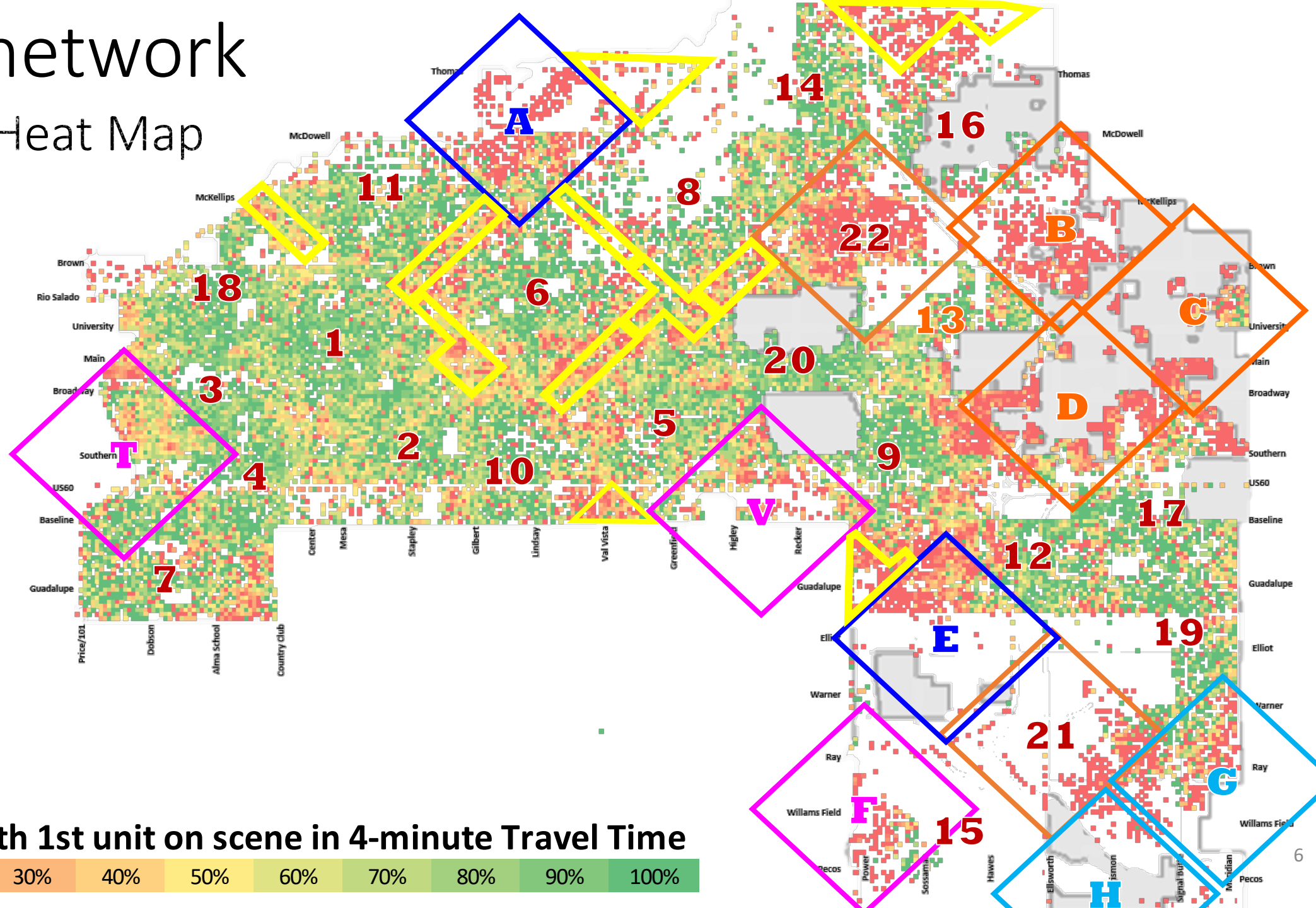
- 1. Current
- 2. Own land
- 3. Low density
- 4. County island
- 5. Border zones
- 6. Gaps



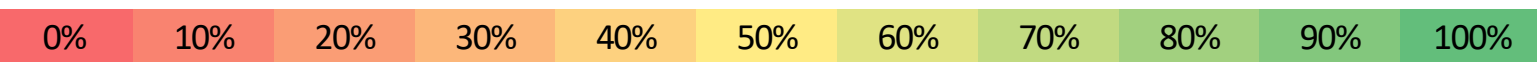
Station network

Travel Time Heat Map

- 1. Current
- 2. Own land
- 3. Low density
- 4. County island
- 5. Border zones
- 6. Gaps



% of Incidents with 1st unit on scene in 4-minute Travel Time



Serve Growing Areas

- Address fire and medical coverage with two new stations
 - Station 223
 - Station 224

Redesign/ Reconstruct

Fire Station 205

- Built in 1979
- Small footprint does not meet current needs efficiently
 - Ice machine and laundry are in apparatus bays
 - Poor ventilation needs to be addressed
 - Turnout area housed in a Connex box
 - No decontamination area
 - Site security improvements

Redesign/ Reconstruct

Fire and Medical Headquarters

- 25,500 SF total of both buildings
- “Central Fire Station”, built in 1962
- “Fire Prevention Offices”, built in 1987
- Repurposed multiple times
- Choppy, inefficient floor plan
- \$2M in estimated system repairs needed over next 10 years
- Full assessment needed regarding remodel or reconstruct

Redesign/ Reconstruct

Police Headquarters

- First build 1974 (Basement, 1st, 2nd)
- Second build 1988 (3rd, 4th)
- \$5M in system repairs/replacements needed over next 8 years (pre-inflation costs)
- Inefficient workspaces
- Intimidating public entrance
- Design work funded and begun
- Reconstruction cost proposed for bond election

Redesign/ Reconstruct

Public Safety Training Facility

- Utilized by Mesa Police and Mesa Fire and Medical
- Inefficient work and training spaces
- Training/classroom spaces frequently utilized for community functions and other City departments needs
- Increased academy and in-service training

Addressing Growth Areas

Fire & Medical

- Station 223
- Station 224

Redesign/Reconstruct

Fire & Medical

- Fire Station 205 Demo & Rebuild
- Fire & Medical Headquarters

Police

- Police Headquarters

Joint (Fire & Police)

- Public Safety Training Facility



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