

City of Mesa

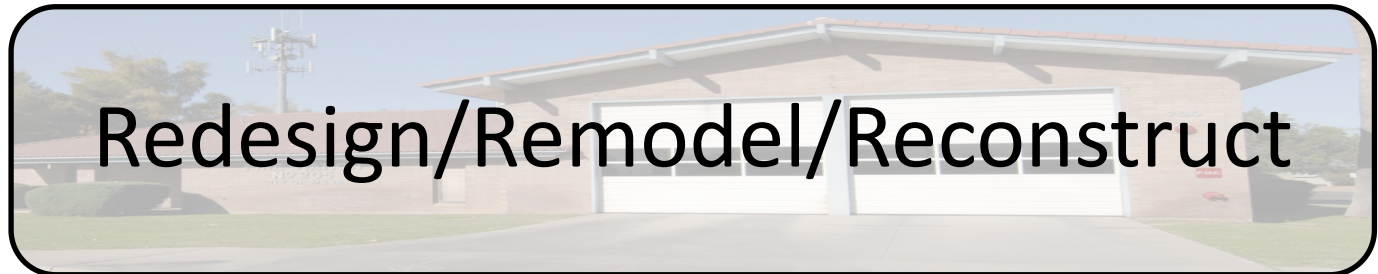
Proposed 2022 Bond Election Projects

March 3, 2022



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

Prioritizing for the Future



MFMD Incident Forecast

Incidents per Year

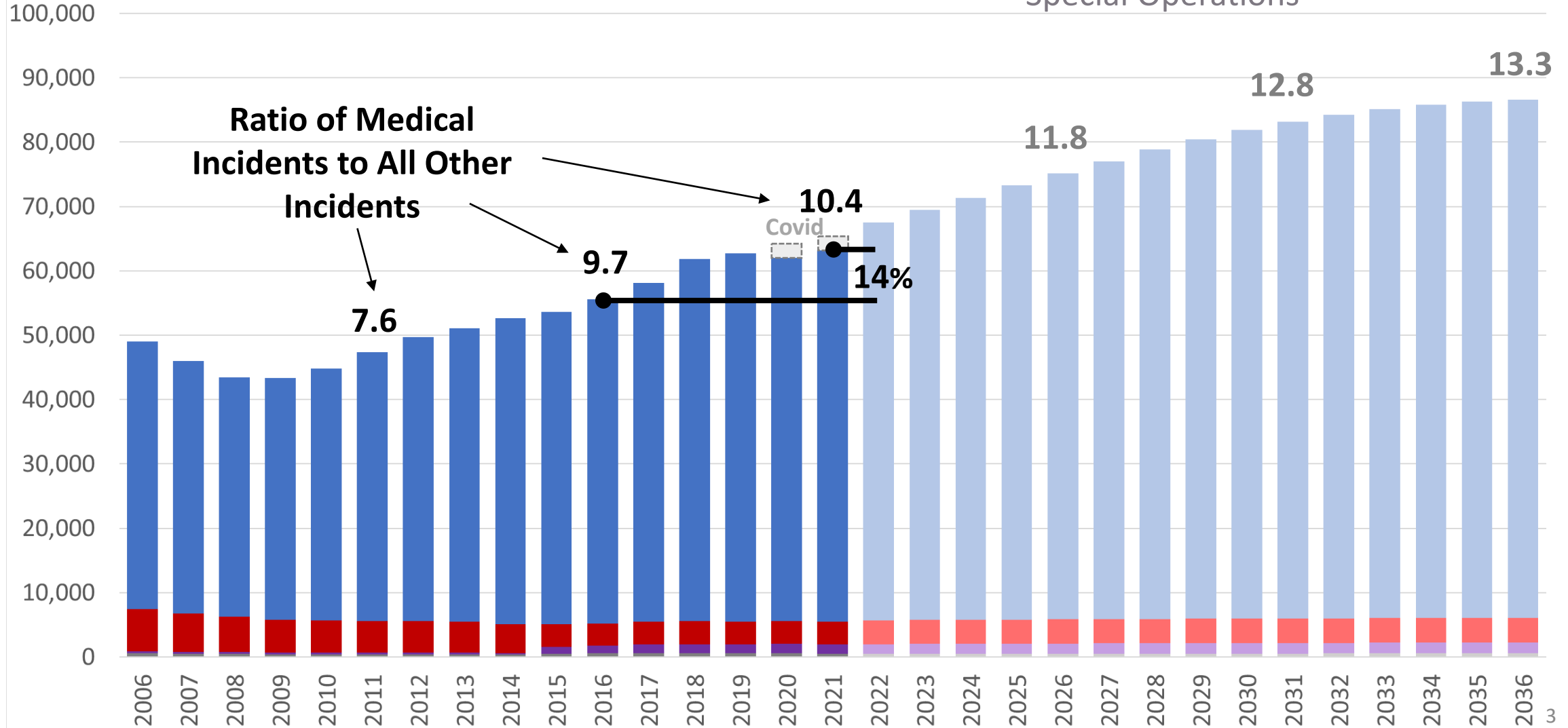
Citywide
All Incidents

Medical

Fire

Service

Special Operations



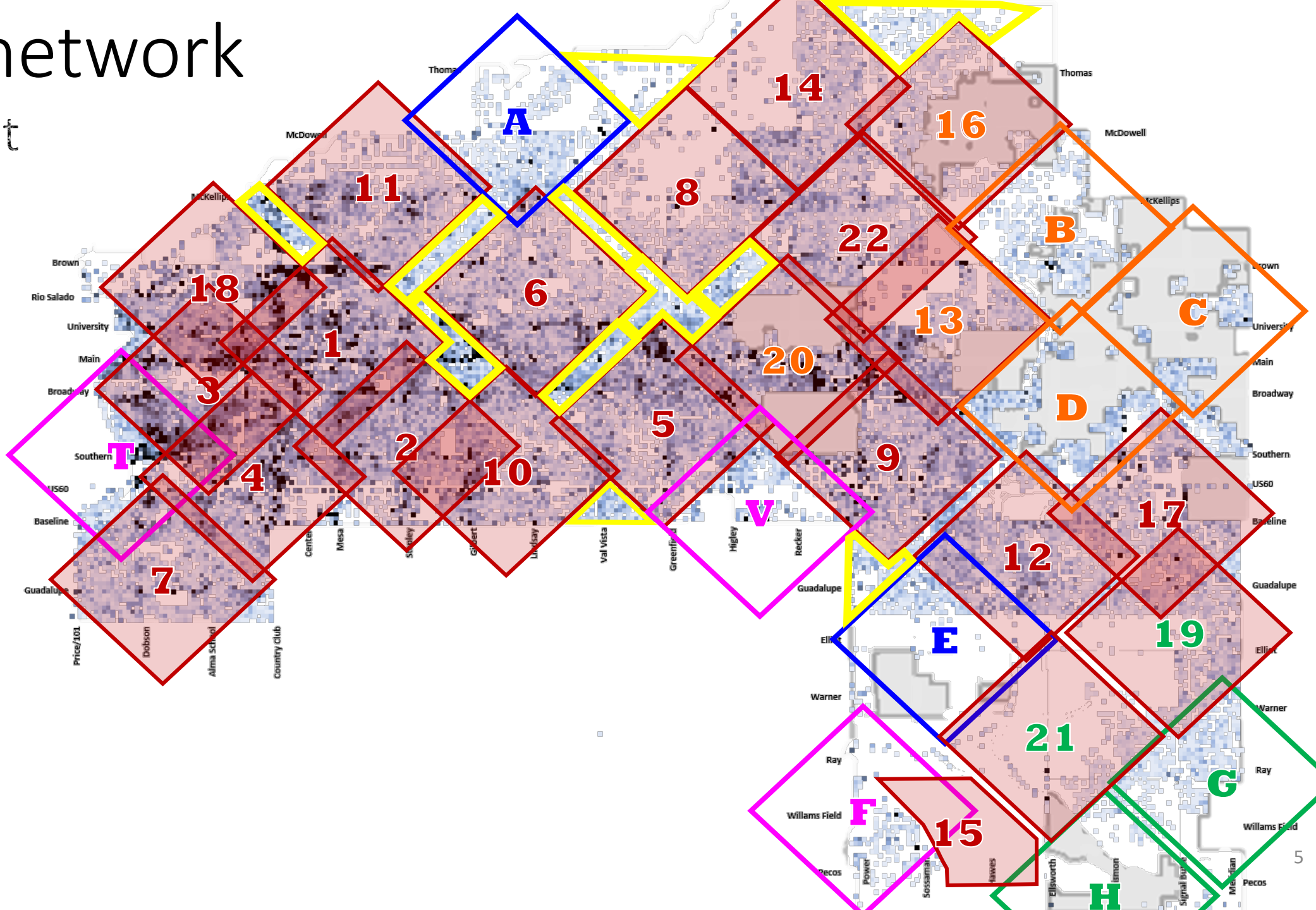
Mesa Fire and Medical Response Network Review

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

Station network

Incident Heat Map

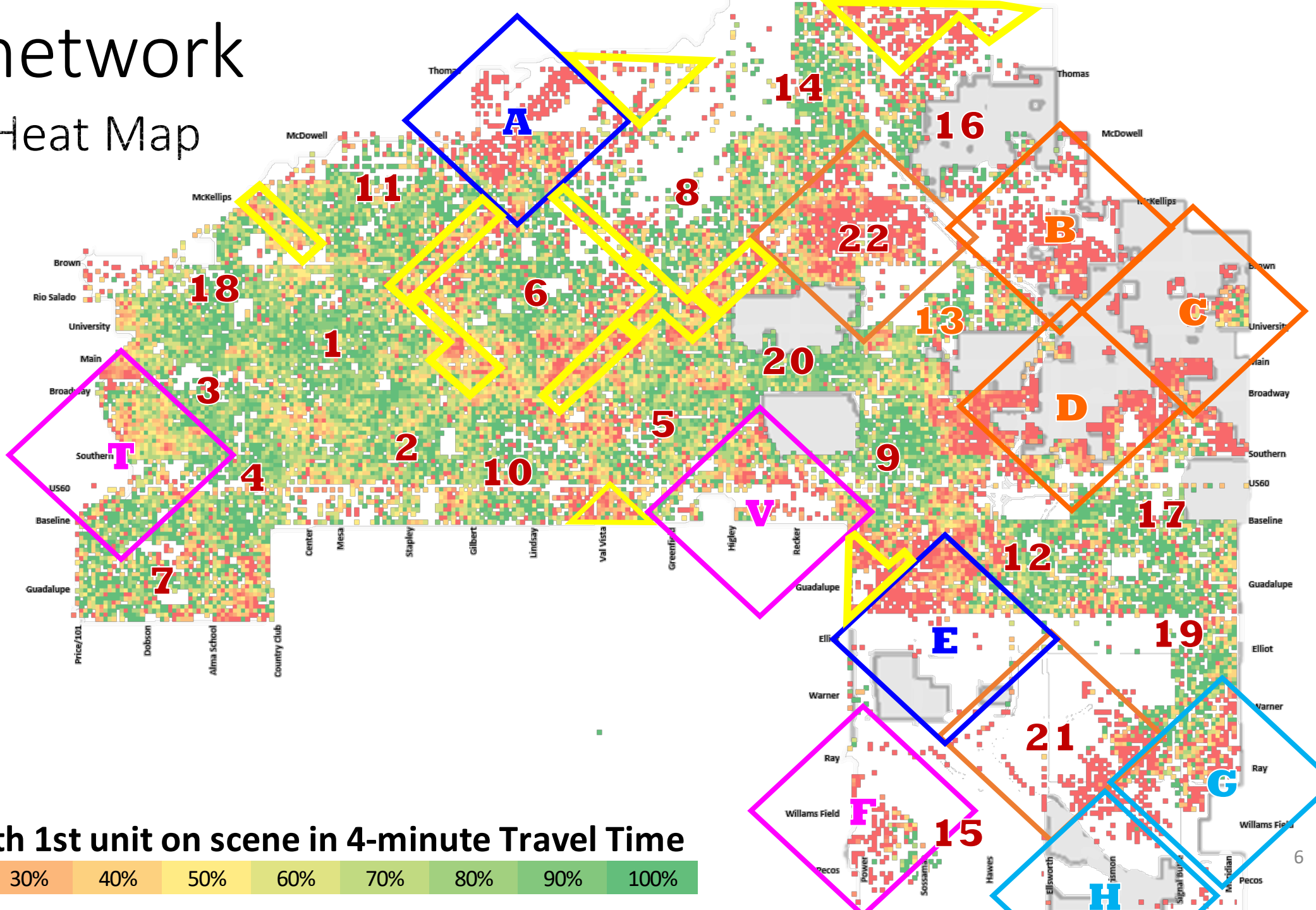
-  1. Current
-  2. Own land
-  3. Low density
-  4. County island
-  5. Border zones
-  6. Gaps



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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