A large, semi-transparent image of a fire truck is positioned in the background. The truck is red with 'CY-FAIR FIRE DEPT.' and 'HCESD 9' visible on its side. The scene is set against a red-tinted sky.

# FIRE SERVICES MASTER PLAN, COMMUNITY RISK ASSESSMENT, STANDARD OF COVER, AND COMPLIANCE AUDIT

**VOLUME 3 OF 4: MAP ATLAS**

**CY-FAIR FIRE DEPARTMENT**

**OCTOBER 30, 2023**

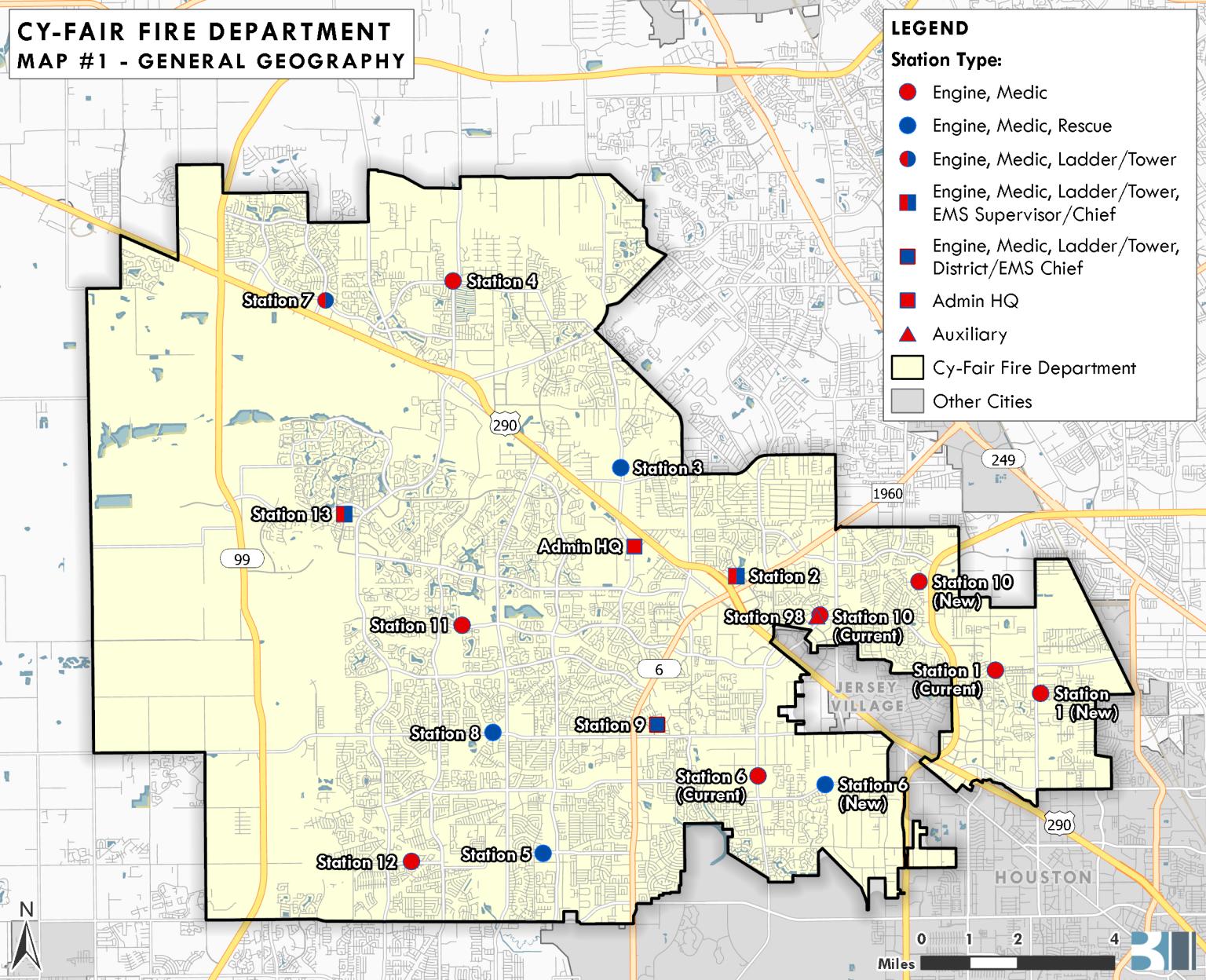


[WWW.CITYGATEASSOCIATES.COM](http://WWW.CITYGATEASSOCIATES.COM)

600 COOLIDGE DRIVE, SUITE 150   PHONE: (916) 458-5100  
FOLSOM, CA 95630   FAX: (916) 983-2090

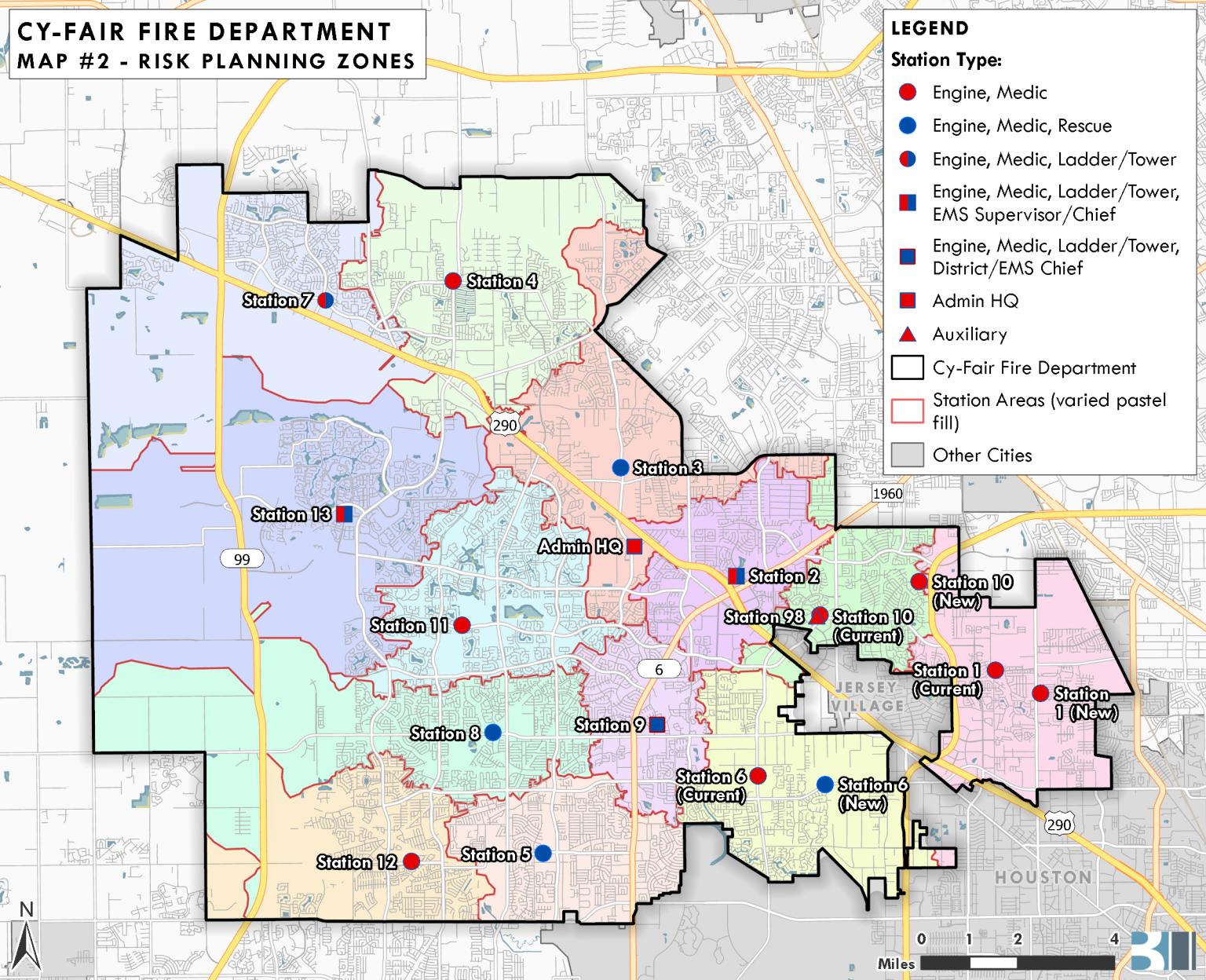


# CY-FAIR FIRE DEPARTMENT MAP #1 - GENERAL GEOGRAPHY



# CY-FAIR FIRE DEPARTMENT

## MAP #2 - RISK PLANNING ZONES



# CY-FAIR FIRE DEPARTMENT MAP #2A - POPULATION DENSITY

## LEGEND

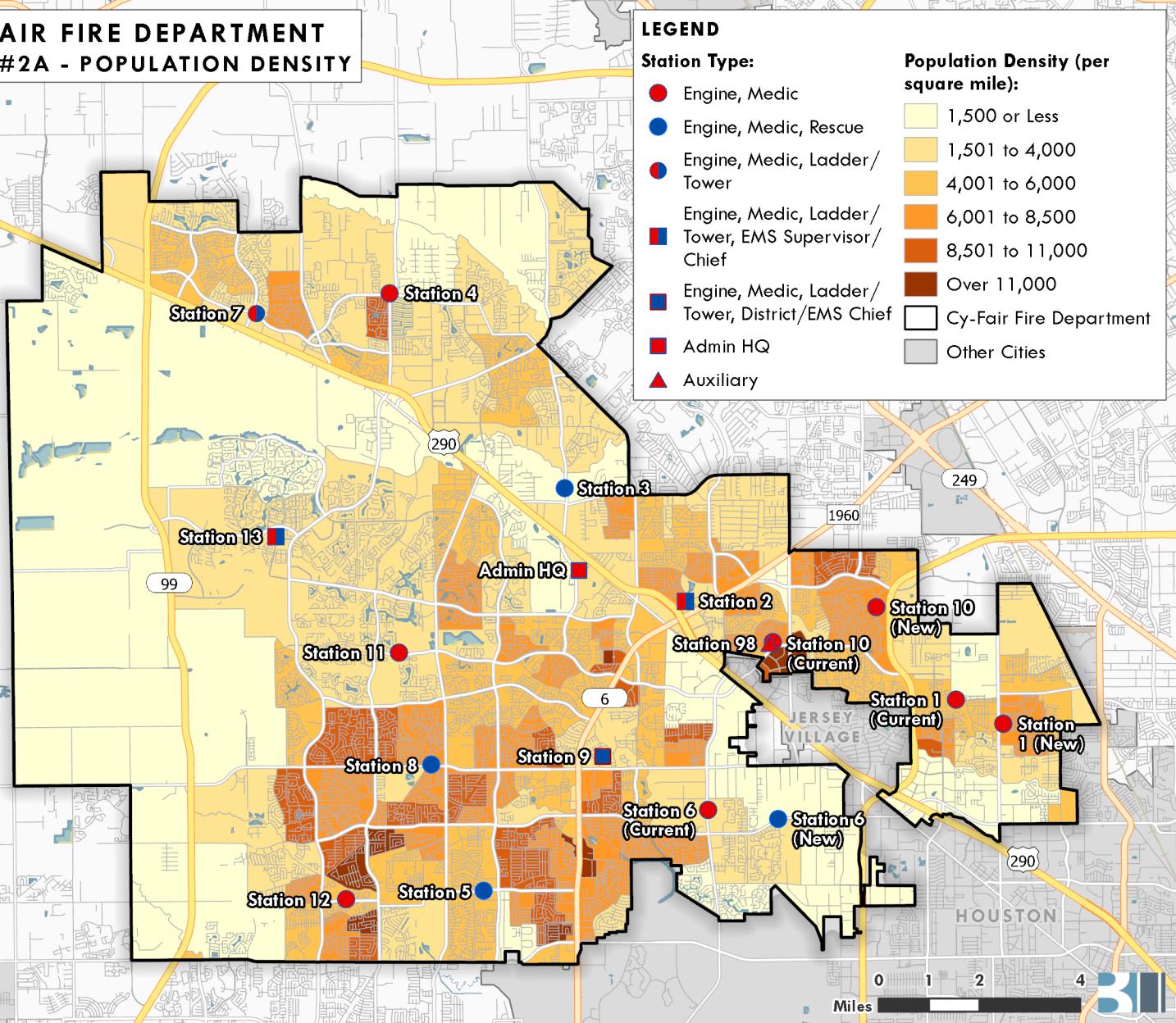
### Station Type:

- Engine, Medic
- Engine, Medic, Rescue
- Engine, Medic, Ladder/  
Tower
- Engine, Medic, Ladder/  
Tower, EMS Supervisor/  
Chief
- Engine, Medic, Ladder/  
Tower, District/EMS Chief
- Admin HQ
- ▲ Auxiliary

### Population Density (per square mile):

- 1,500 or Less
- 1,501 to 4,000
- 4,001 to 6,000
- 6,001 to 8,500
- 8,501 to 11,000
- Over 11,000

■ Cy-Fair Fire Department  
■ Other Cities



# CY-FAIR FIRE DEPARTMENT

## MAP #3 - 4:00-MINUTE FIRST DUE ENGINE TRAVEL TIME - EXISTING STATIONS

### LEGEND

4-min Travel

### Station Type:

Engine, Medic

Engine, Medic, Rescue

Engine, Medic, Ladder/Tower

Engine, Medic, Ladder/Tower,  
EMS Supervisor/Chief

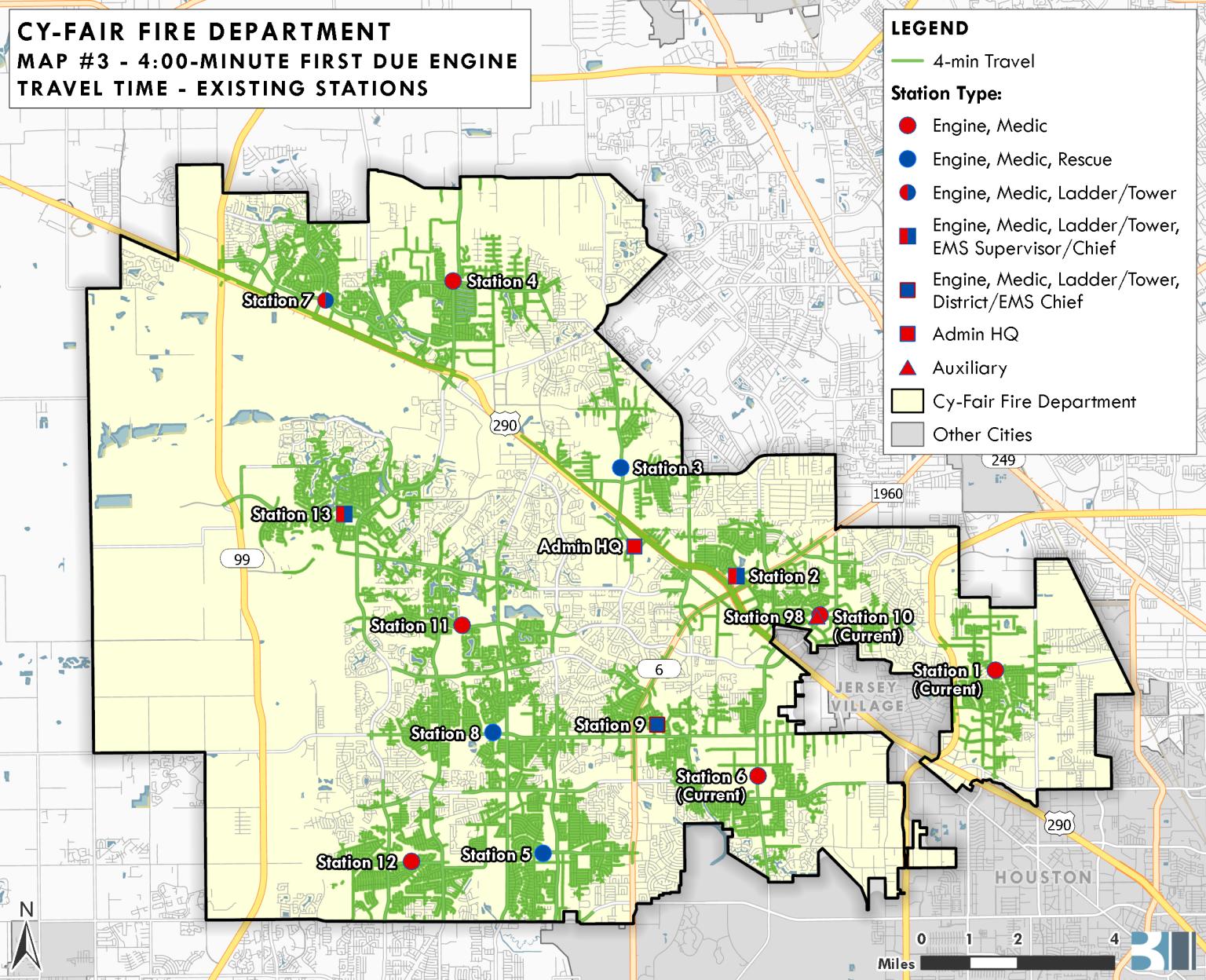
Engine, Medic, Ladder/Tower,  
District/EMS Chief

Admin HQ

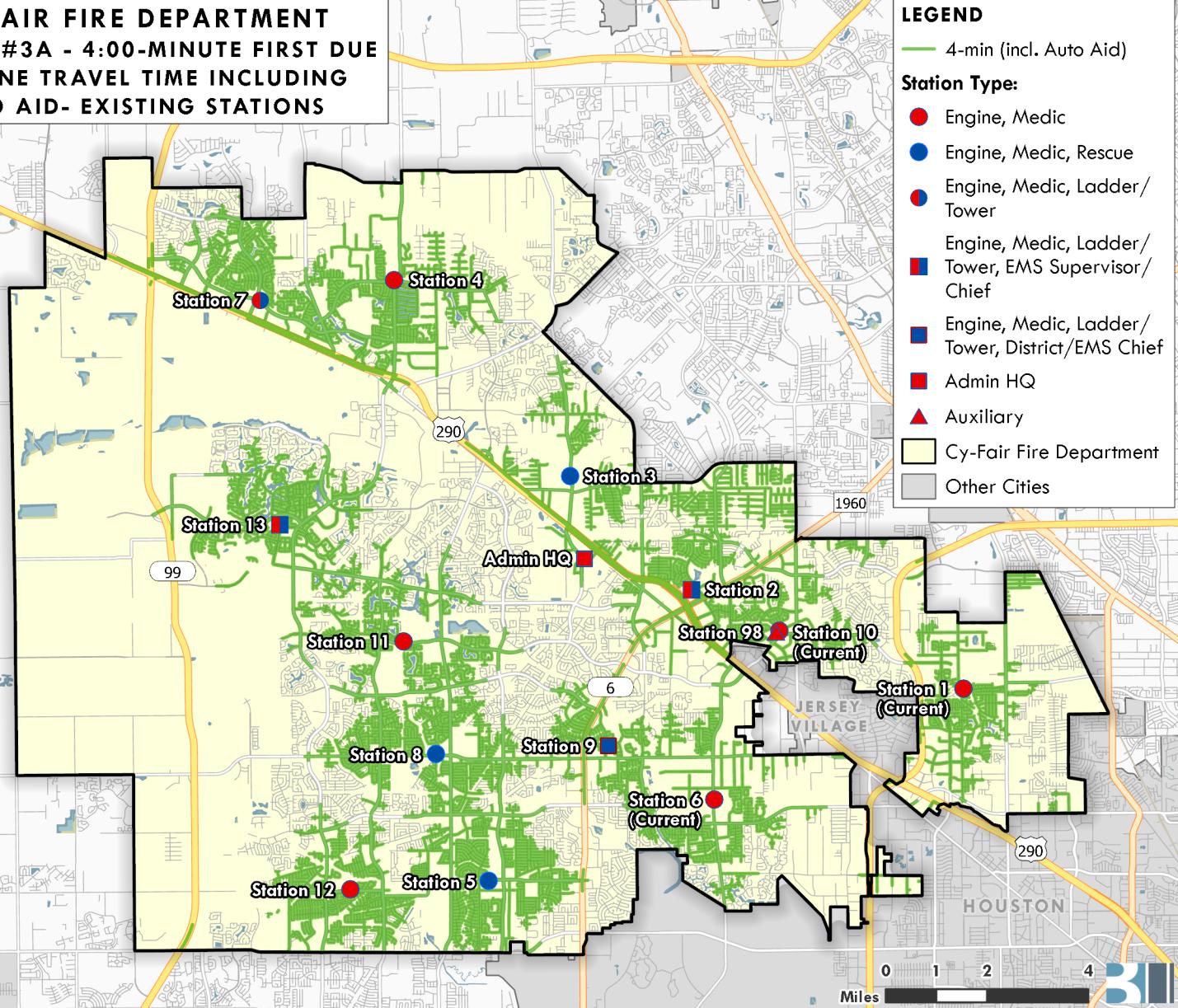
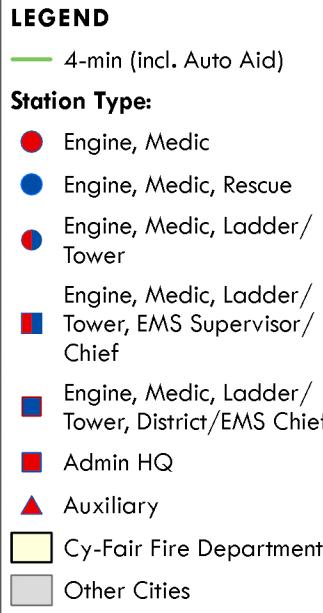
Auxiliary

Cy-Fair Fire Department

Other Cities



**CY-FAIR FIRE DEPARTMENT**  
**MAP #3A - 4:00-MINUTE FIRST DUE**  
**ENGINE TRAVEL TIME INCLUDING**  
**AUTO AID- EXISTING STATIONS**



# CY-FAIR FIRE DEPARTMENT

MAP #3B - 4:00-MINUTE FIRST DUE,  
CONGESTED ENGINE TRAVEL TIME INCLUDING  
AUTO AID- EXISTING STATIONS

## LEGEND

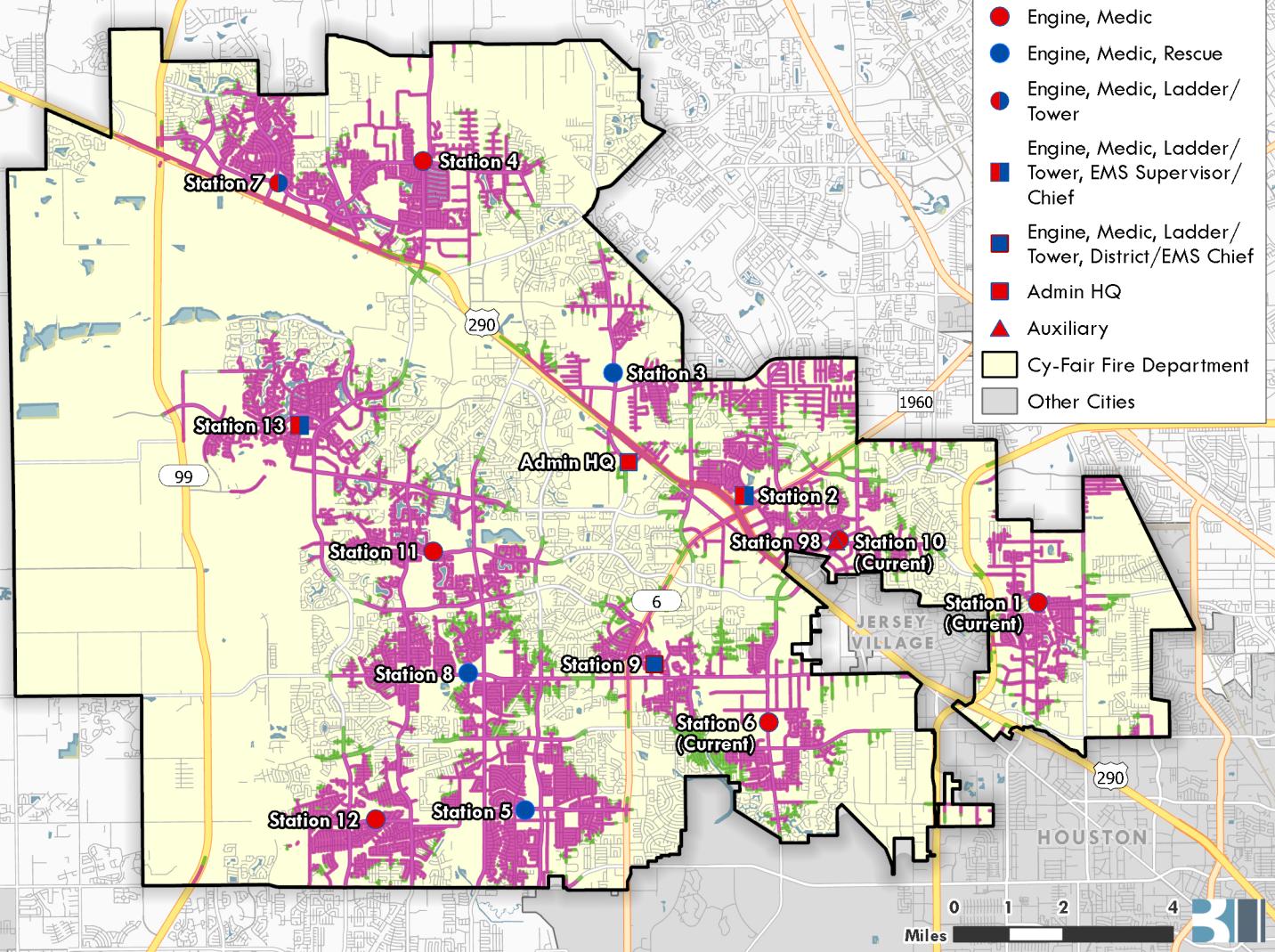
- 4-min Congested
- 4-min (incl. Auto Aid)

**Station Type:**

- Engine, Medic
- Engine, Medic, Rescue
- Engine, Medic, Ladder/Tower
- Engine, Medic, Ladder/Tower, EMS Supervisor/Chief
- Engine, Medic, Ladder/Tower, District/EMS Chief
- Admin HQ
- Auxiliary

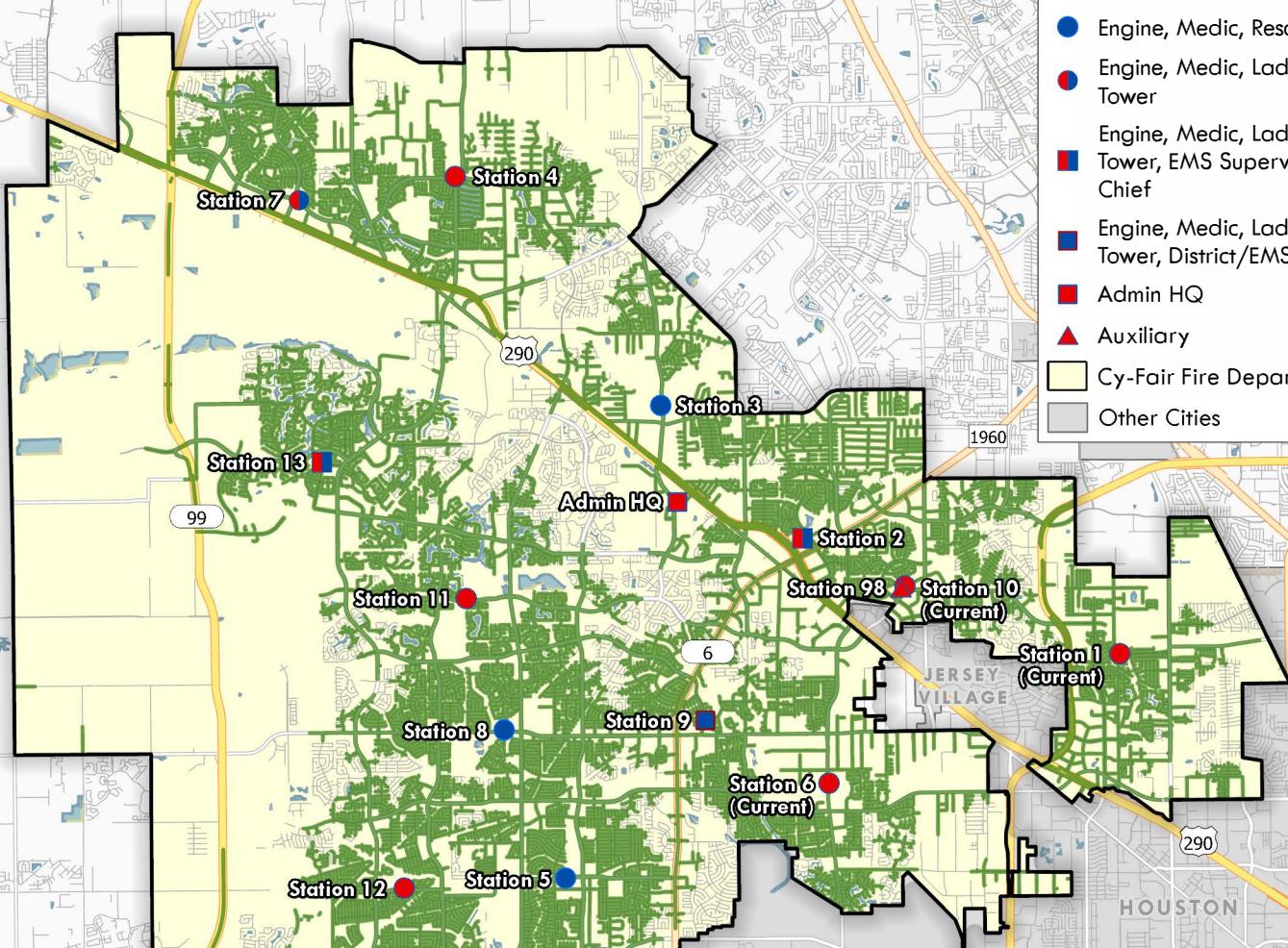
Cy-Fair Fire Department

Other Cities



**CY-FAIR FIRE DEPARTMENT**  
**MAP #3C - 5:00-MINUTE FIRST DUE**  
**ENGINE TRAVEL TIME INCLUDING**  
**AUTO AID- EXISTING STATIONS**

 5-min (incl. Auto Aid)
<b>Station Type:</b>
● Engine, Medic
● Engine, Medic, Rescue
● Engine, Medic, Ladder/ Tower
● Engine, Medic, Ladder/ Tower, EMS Supervisor/ Chief
■ Engine, Medic, Ladder/ Tower, District/EMS Chief
■ Admin HQ
▲ Auxiliary
 Cy-Fair Fire Department
 Other Cities



0

1

2

3

4

Miles



# CY-FAIR FIRE DEPARTMENT

MAP #3D - 5:00-MINUTE FIRST DUE,  
CONGESTED ENGINE TRAVEL TIME INCLUDING  
AUTO AID- EXISTING STATIONS

## LEGEND

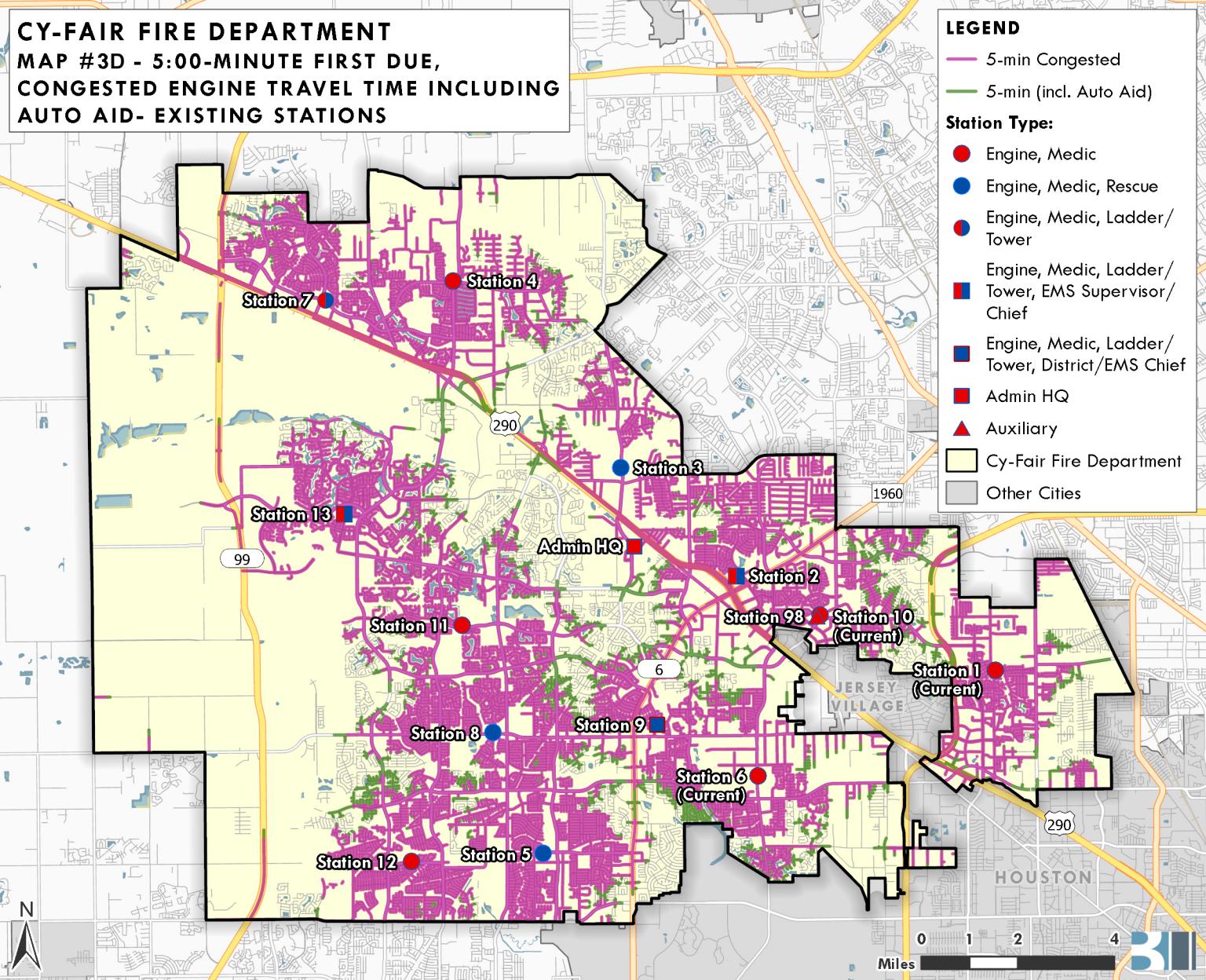
- 5-min Congested
- 5-min (incl. Auto Aid)

**Station Type:**

- Engine, Medic
- Engine, Medic, Rescue
- Engine, Medic, Ladder/Tower
- Engine, Medic, Ladder/Tower, EMS Supervisor/Chief
- Engine, Medic, Ladder/Tower, District/EMS Chief
- Admin HQ
- Auxiliary

Cy-Fair Fire Department

Other Cities



**CY-FAIR FIRE DEPARTMENT**  
**MAP #3E - 5:00-MINUTE FIRST DUE**  
**ENGINE TRAVEL TIME - RELOCATED**  
**STATIONS 1, 6, AND 10**

**LEGEND**

5-min Travel Time

**Station Type:**

● Engine, Medic

● Engine, Medic, Rescue

● Engine, Medic, Ladder/Tower

■ Engine, Medic, Ladder/Tower, EMS Supervisor/Chief

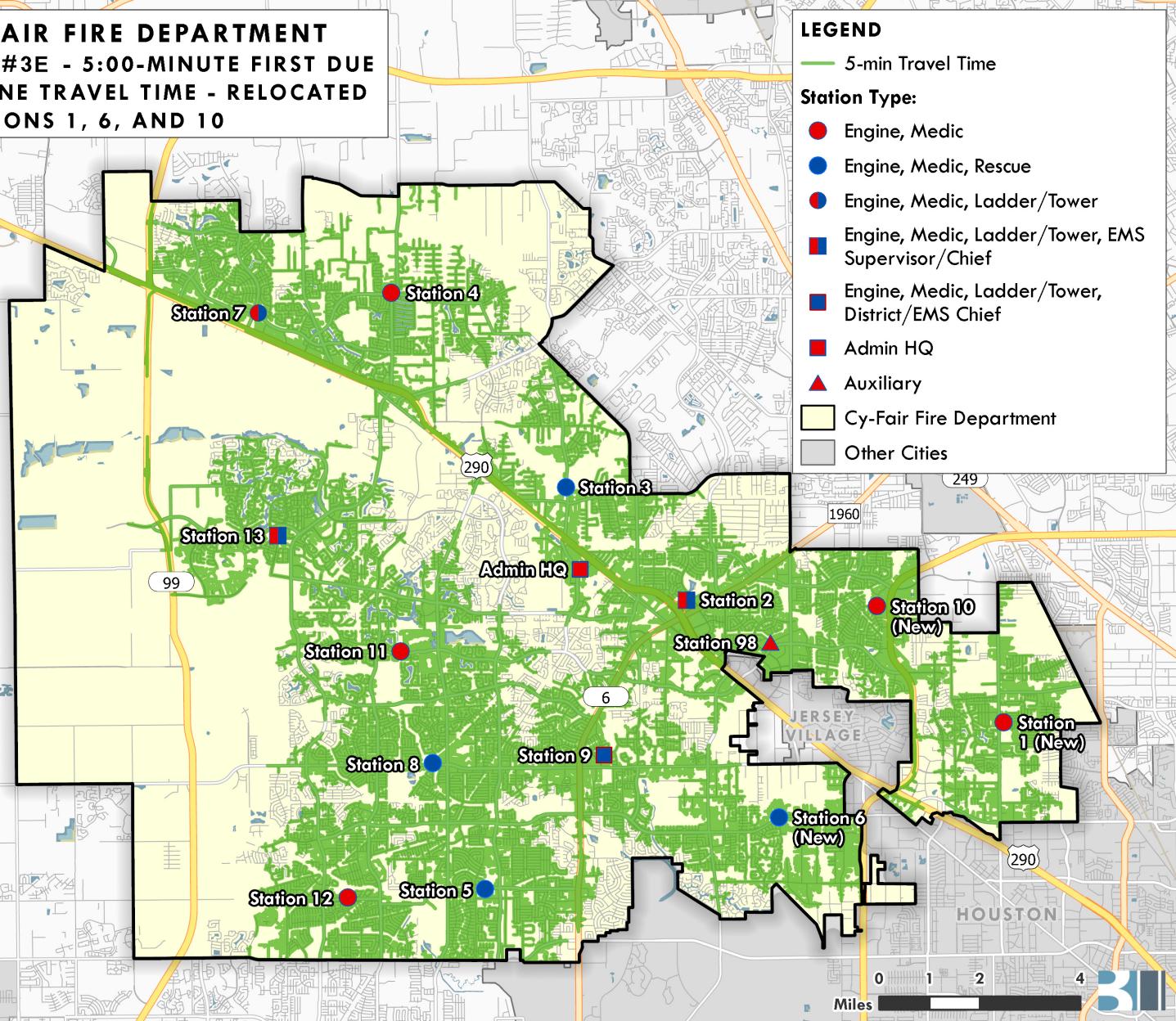
■ Engine, Medic, Ladder/Tower, District/EMS Chief

■ Admin HQ

▲ Auxiliary

■ Cy-Fair Fire Department

■ Other Cities



# CY-FAIR FIRE DEPARTMENT

## MAP #4 - 1.5 MILE ISO TRAVEL DISTANCE - EXISTING STATIONS

### LEGEND

1.5-mile Travel

### Station Type:

- Engine, Medic
- Engine, Medic, Rescue
- Engine, Medic, Ladder/Tower
- Engine, Medic, Ladder/Tower, EMS Supervisor/Chief
- Engine, Medic, Ladder/Tower, District/EMS Chief
- Admin HQ
- Auxiliary

Cy-Fair Fire Department

Other Cities

Station 7

Station 4

Station 3

99

290

Admin HQ

Station 2

6

Station 98 (Current)

1960

249

Station 11

Station 8

Station 9

Station 6 (Current)

290

Station 1 (Current)

Station 12

Station 5

0

1

2

3

4

Miles



# CY-FAIR FIRE DEPARTMENT

## MAP #5 - 8:00-MINUTE ERF TRAVEL

3 Engines (all stations), 1 Ladder/Tower from Stations 2/7/9/13,  
1 Rescue from Stations 3/5/8, 1 District Chief from Stations 9,  
and 1 Safety Officer from Station 9

### LEGEND

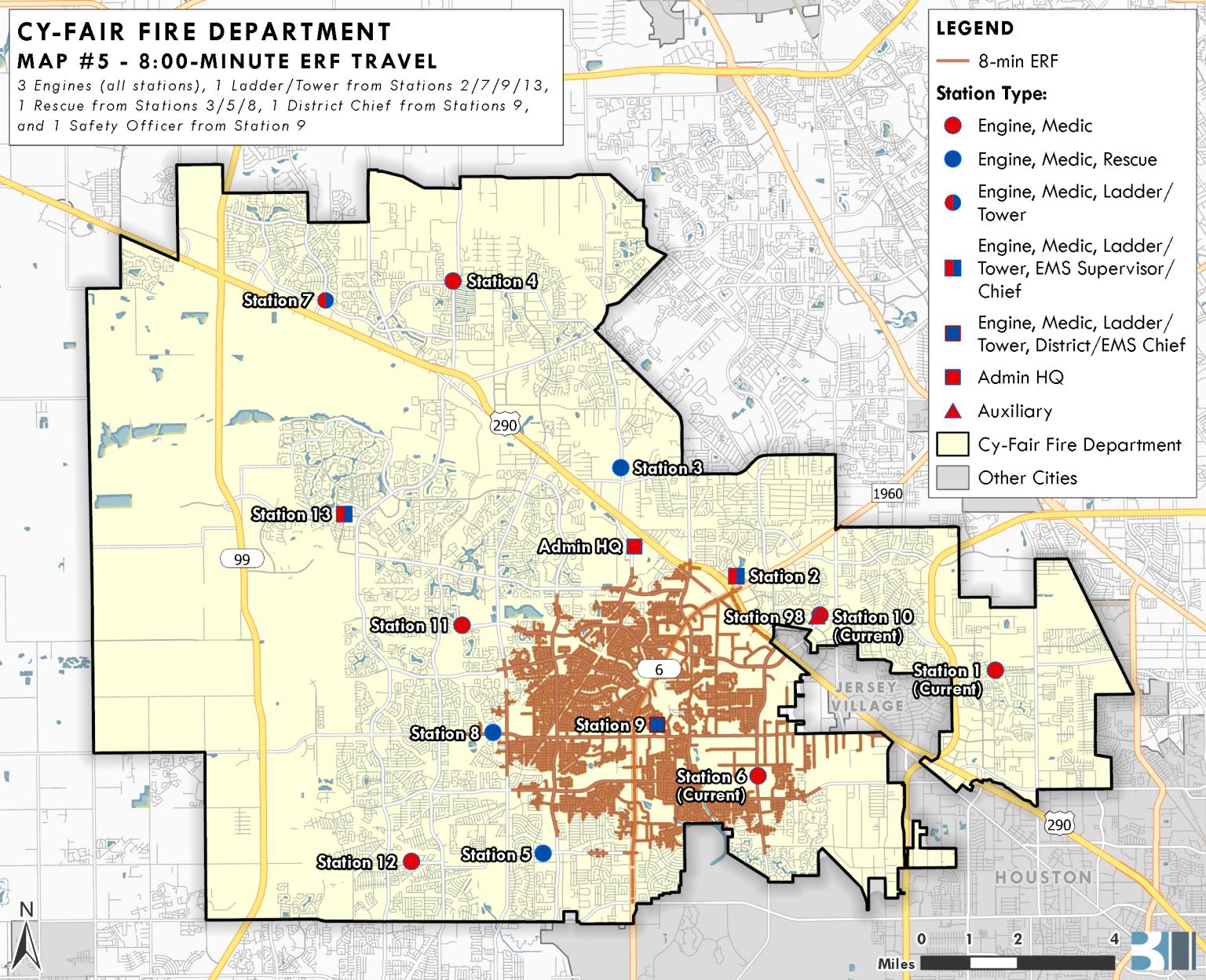
— 8-min ERF

#### Station Type:

- Engine, Medic
- Engine, Medic, Rescue
- Engine, Medic, Ladder/Tower
- Engine, Medic, Ladder/Tower, EMS Supervisor/Chief
- Engine, Medic, Ladder/Tower, District/EMS Chief
- Admin HQ
- ▲ Auxiliary

■ Cy-Fair Fire Department

■ Other Cities

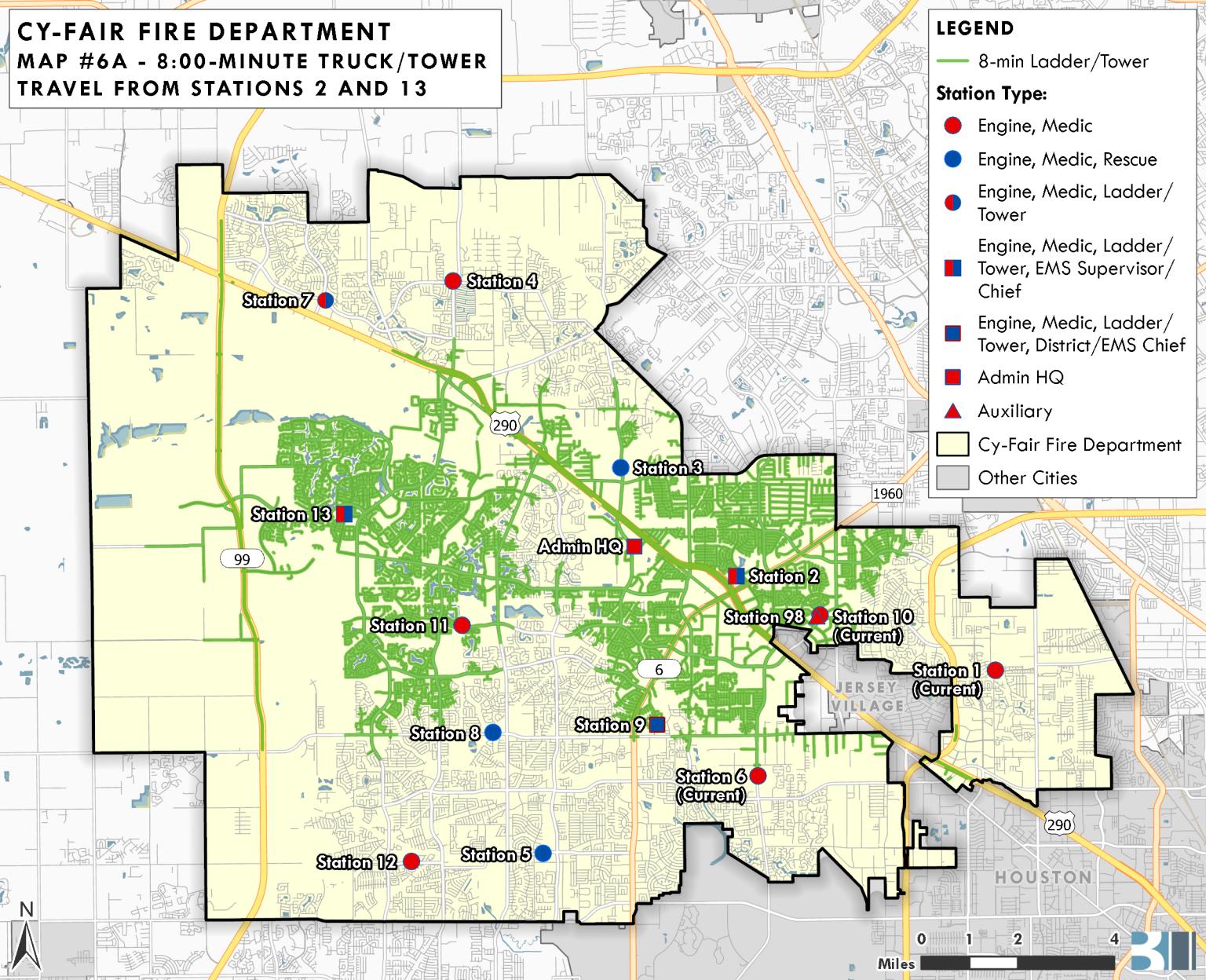


Miles



# CY-FAIR FIRE DEPARTMENT

## MAP #6A - 8:00-MINUTE TRUCK/TOWER TRAVEL FROM STATIONS 2 AND 13



# CY-FAIR FIRE DEPARTMENT

## MAP #6B - 8:00-MINUTE TRUCK/TOWER TRAVEL FROM STATIONS 2, 7, 9, AND 13

### LEGEND

8-min Ladder/Tower

#### Station Type:

- Engine, Medic
- Engine, Medic, Rescue
- Engine, Medic, Ladder/Tower
- Engine, Medic, Ladder/Tower, EMS Supervisor/Chief
- Engine, Medic, Ladder/Tower, District/EMS Chief
- Admin HQ
- Auxiliary

Cy-Fair Fire Department

Other Cities

Station 7

Station 4

Station 3

Station 13

Admin HQ

Station 2

Station 11

Station 98  
Station 10 (Current)

Station 1 (Current)

Station 8

Station 9

Station 6 (Current)

Station 12

Station 5

Miles

0 1 2 3 4



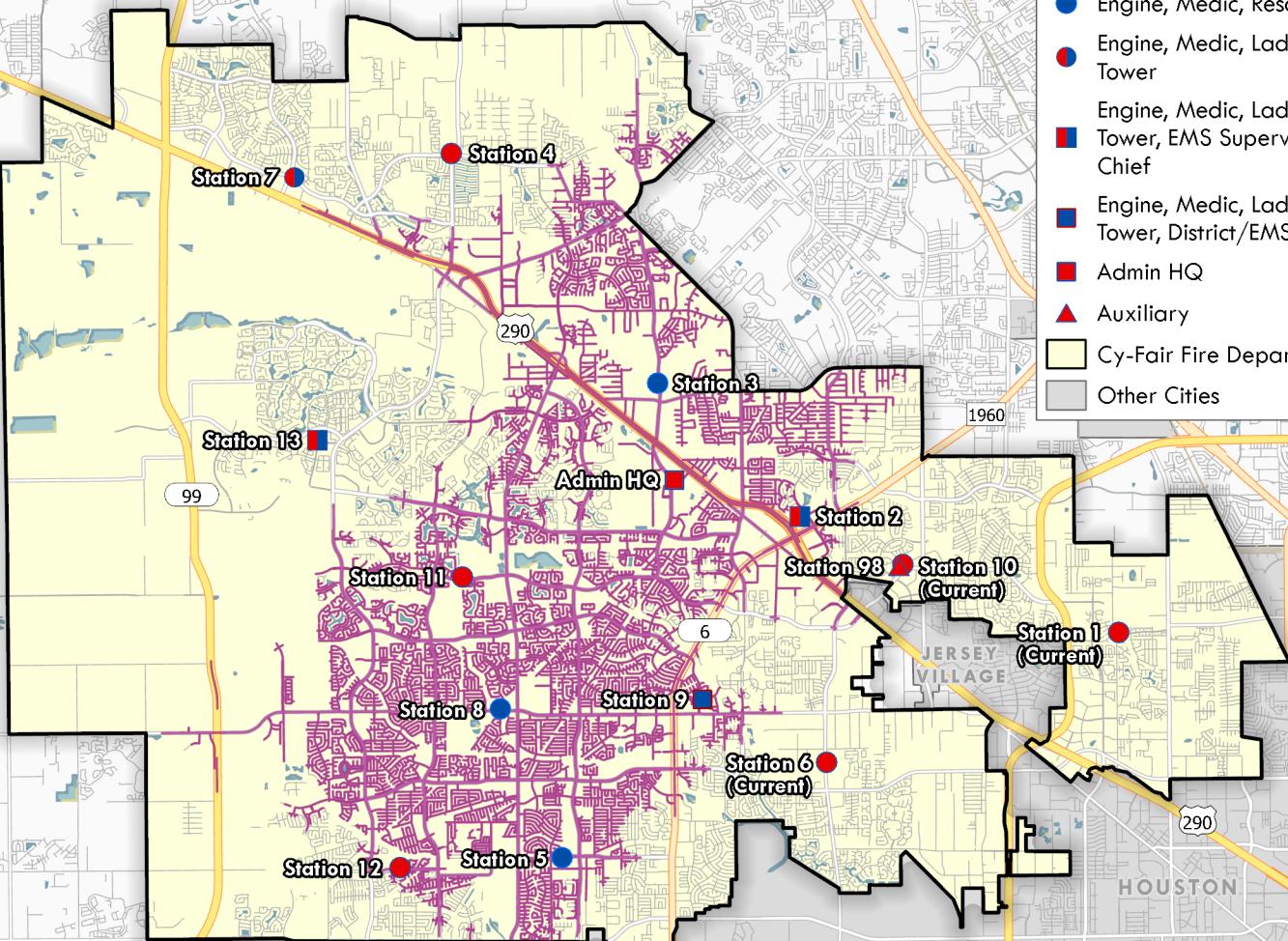
# CY-FAIR FIRE DEPARTMENT

## MAP #6C - 8:00-MINUTE RESCUE

### TRAVEL FROM STATIONS 3 AND 8

#### LEGEND

- 8-min Rescue
- Station Type:**
  - Engine, Medic
  - Engine, Medic, Rescue
  - Engine, Medic, Ladder/Tower
  - Engine, Medic, Ladder/Tower, EMS Supervisor/Chief
  - Engine, Medic, Ladder/Tower, District/EMS Chief
  - Admin HQ
  - Auxiliary
- Cy-Fair Fire Department
- Other Cities



**CY-FAIR FIRE DEPARTMENT**  
**MAP #6D - 8:00-MINUTE RESCUE**  
**TRAVEL FROM STATIONS 3, 5, AND 8**

**LEGEND**

— 8-min Rescue

**Station Type:**

- Engine, Medic
- Engine, Medic, Rescue
- Engine, Medic, Ladder/  
Tower
- Engine, Medic, Ladder/  
Tower, EMS Supervisor/  
Chief
- Engine, Medic, Ladder/  
Tower, District/EMS Chief
- Admin HQ
- ▲ Auxiliary

■ Cy-Fair Fire Department

■ Other Cities

Station 7

Station 4

Station 3

Station 13

Admin HQ

Station 2

Station 11

Station 98  
Station 10  
(Current)

Station 1  
(Current)

Station 8

Station 9

Station 6  
(Current)

Station 12

Station 5

99

290

1960

6

290

HOUSTON

0

1

2

3

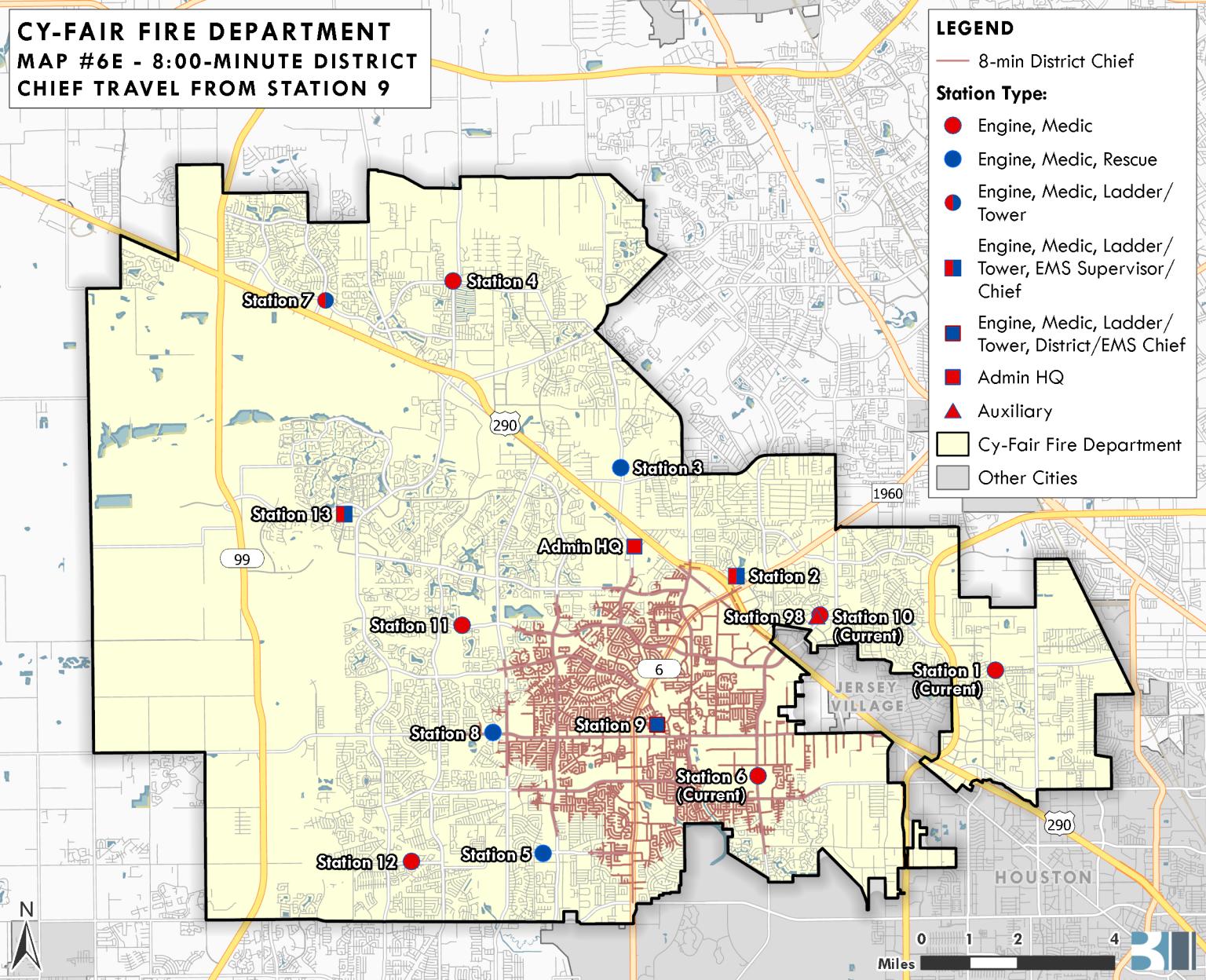
4

Miles



# CY-FAIR FIRE DEPARTMENT

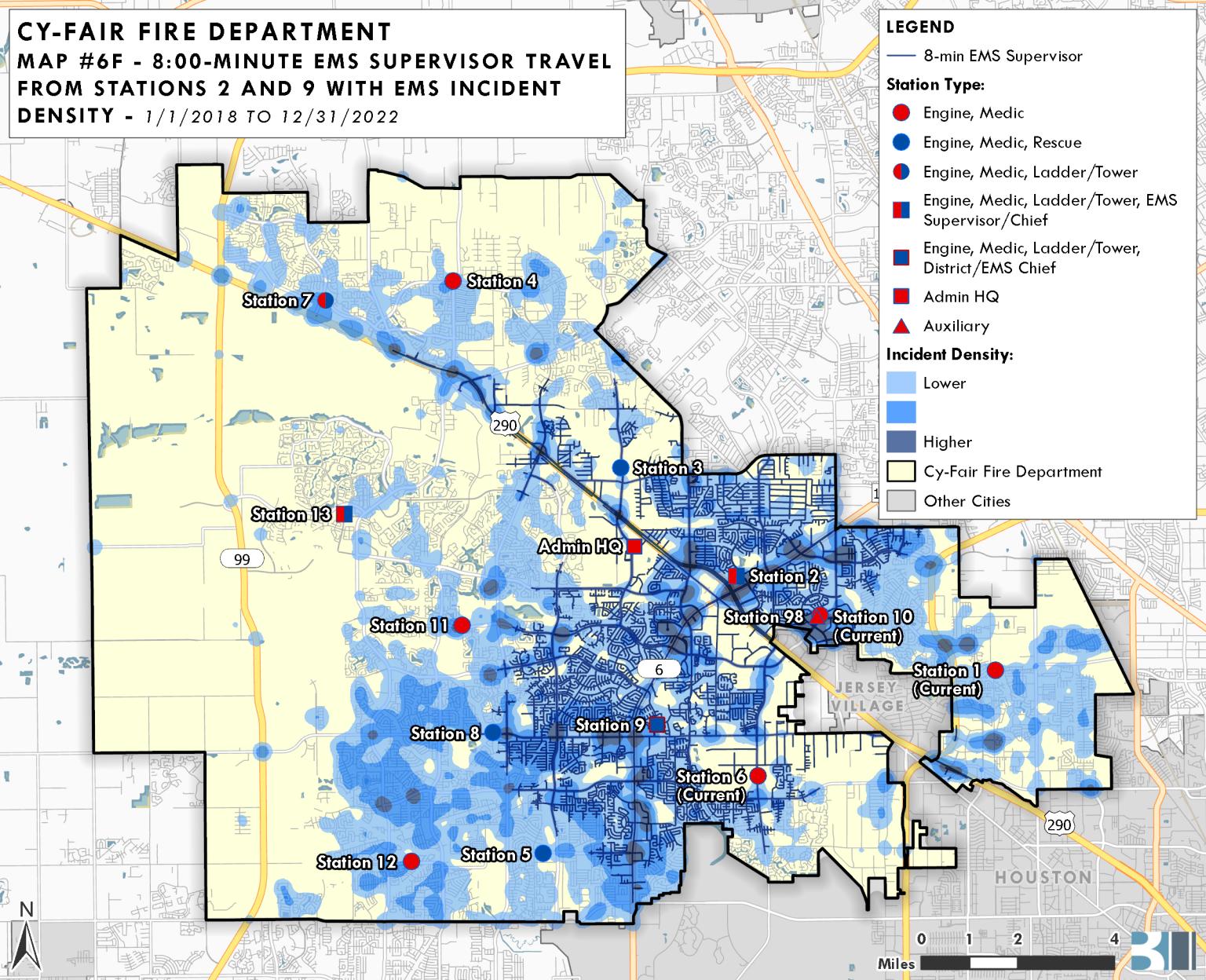
## MAP #6E - 8:00-MINUTE DISTRICT CHIEF TRAVEL FROM STATION 9



# CY-FAIR FIRE DEPARTMENT

## MAP #6F - 8:00-MINUTE EMS SUPERVISOR TRAVEL FROM STATIONS 2 AND 9 WITH EMS INCIDENT

DENSITY - 1/1/2018 TO 12/31/2022



# CY-FAIR FIRE DEPARTMENT

## MAP #7 - 8:00-MINUTE MEDIC TRAVEL TIME - EXISTING STATIONS

### LEGEND

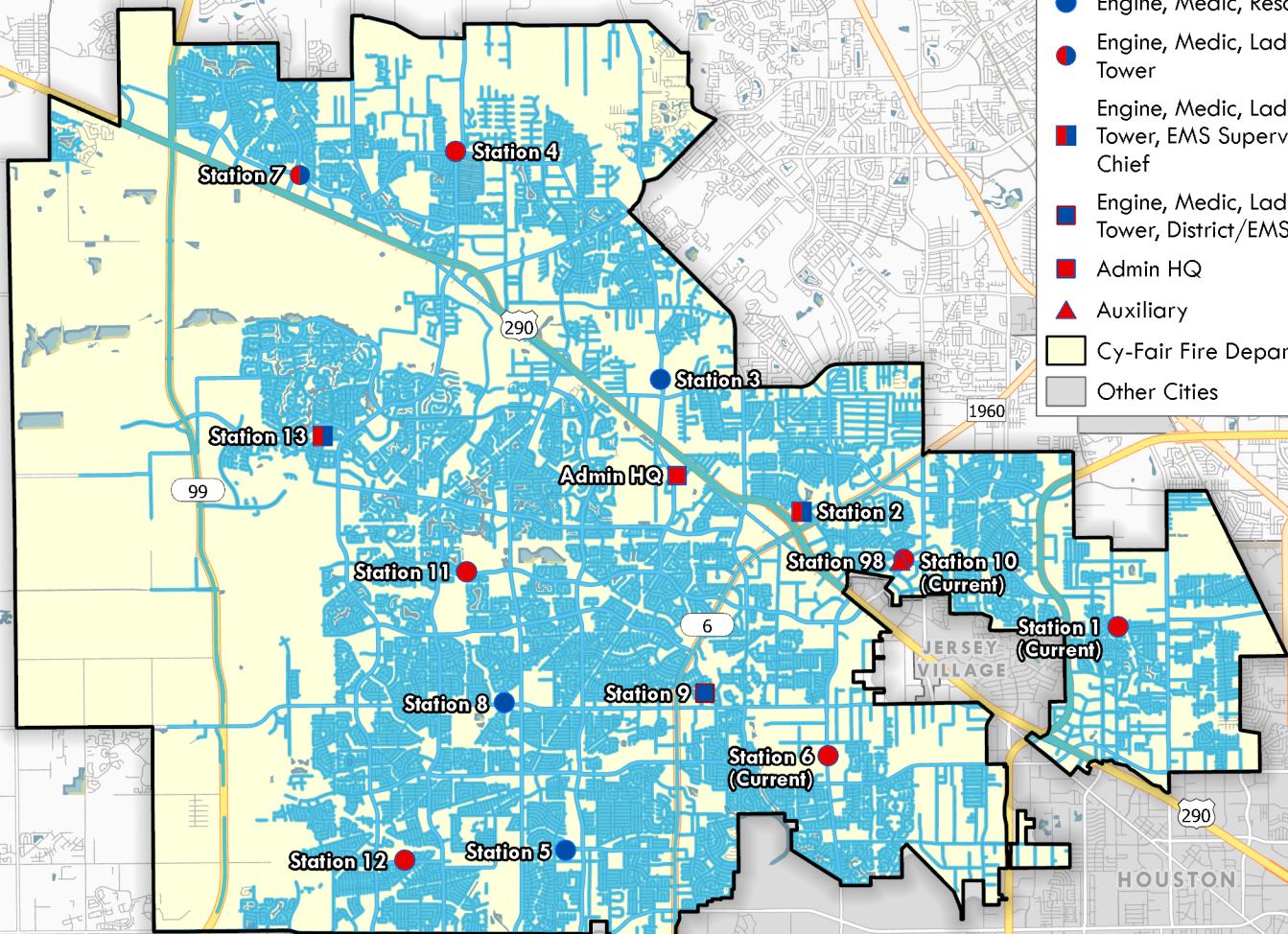
8-min Medic

#### Station Type:

- Engine, Medic
- Engine, Medic, Rescue
- Engine, Medic, Ladder/  
Tower
- Engine, Medic, Ladder/  
Tower, EMS Supervisor/  
Chief
- Engine, Medic, Ladder/  
Tower, District/EMS Chief
- Admin HQ
- Auxiliary

Cy-Fair Fire Department

Other Cities



Miles



# CY-FAIR FIRE DEPARTMENT

## MAP #8 - ALL INCIDENTS SCATTER PLOT -

1/1/2018 TO 12/31/2022

### LEGEND

• All Incidents

### Station Type:

● Engine, Medic

● Engine, Medic, Rescue

● Engine, Medic, Ladder/Tower

■ Engine, Medic, Ladder/Tower, EMS Supervisor/Chief

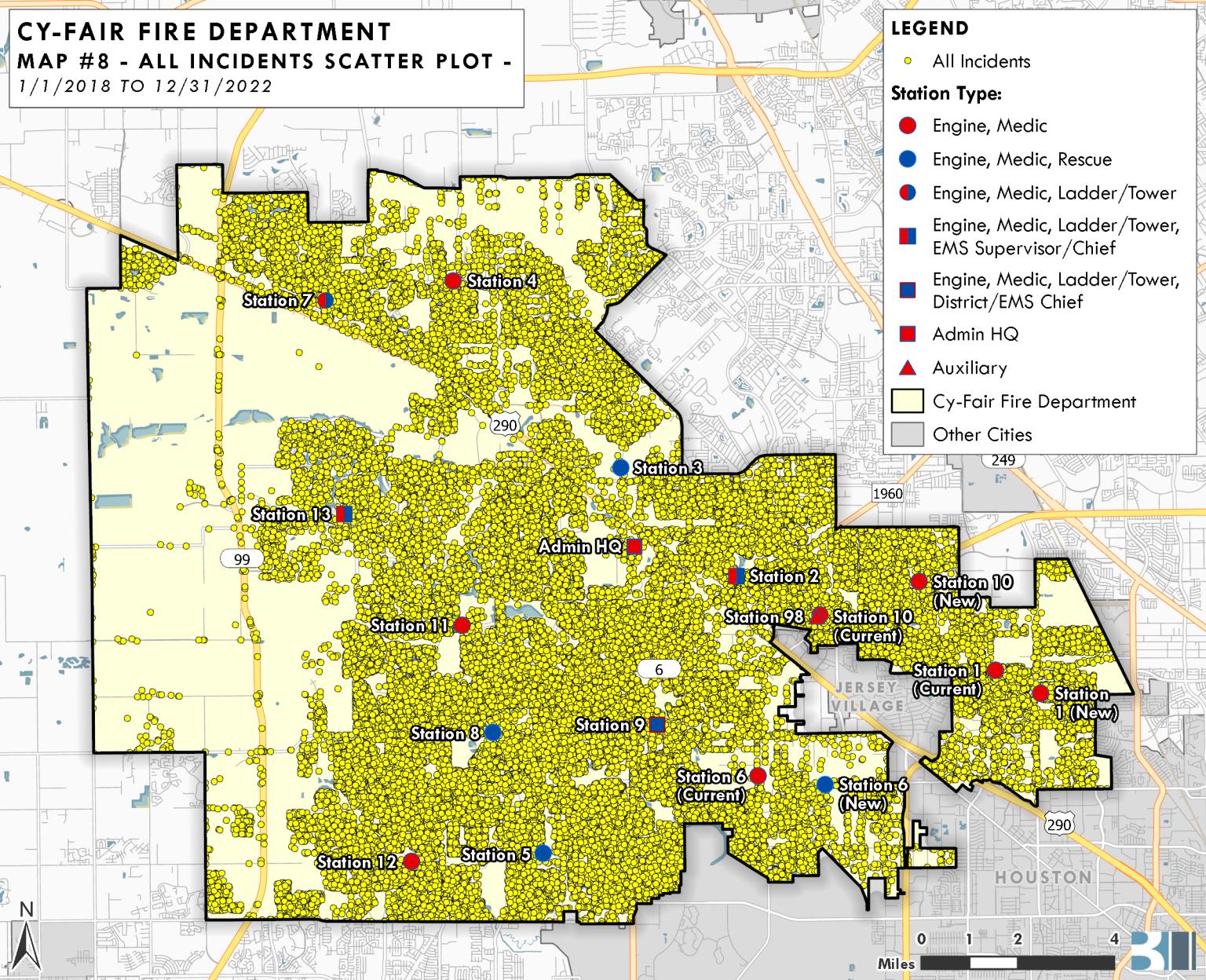
■ Engine, Medic, Ladder/Tower, District/EMS Chief

■ Admin HQ

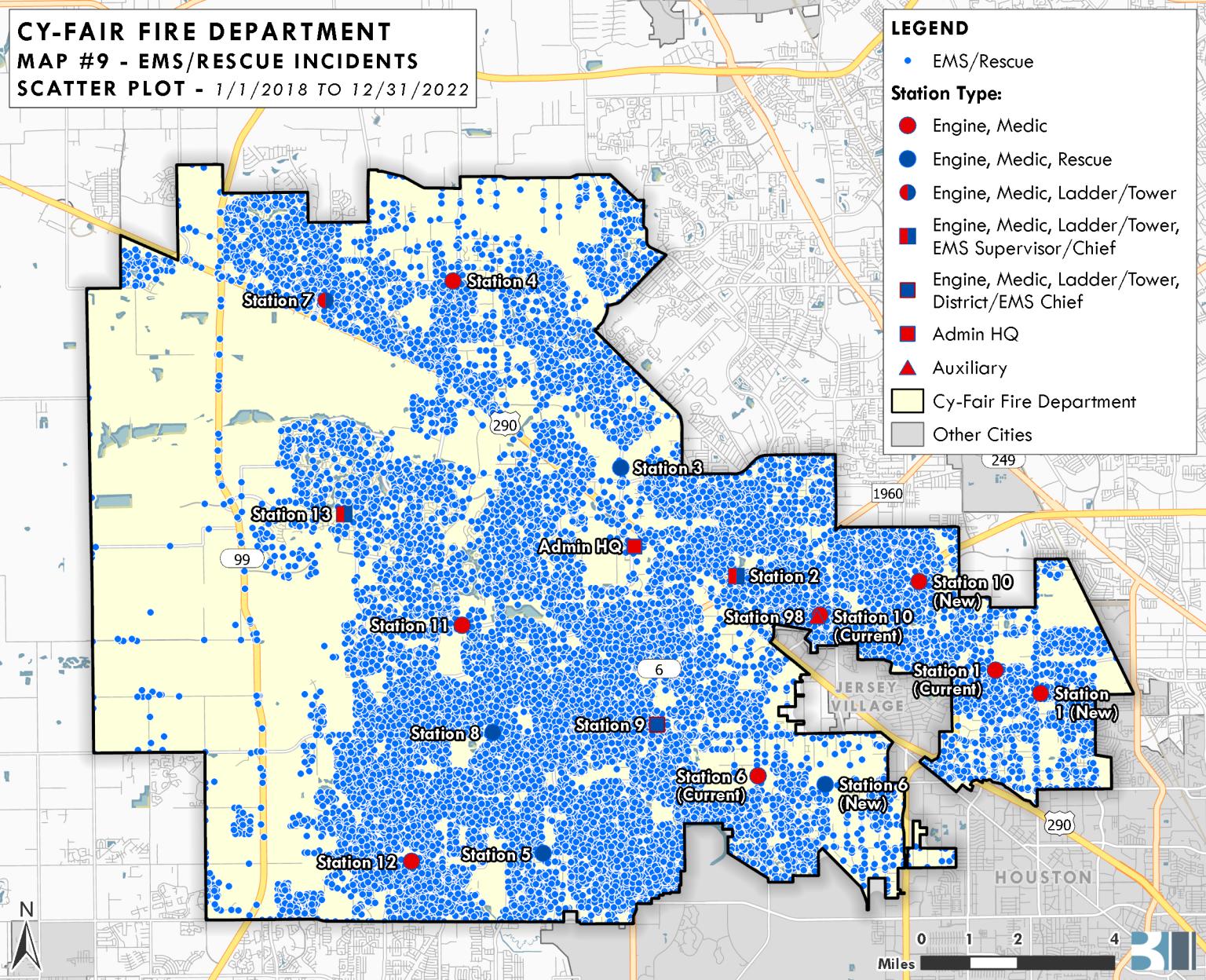
▲ Auxiliary

■ Cy-Fair Fire Department

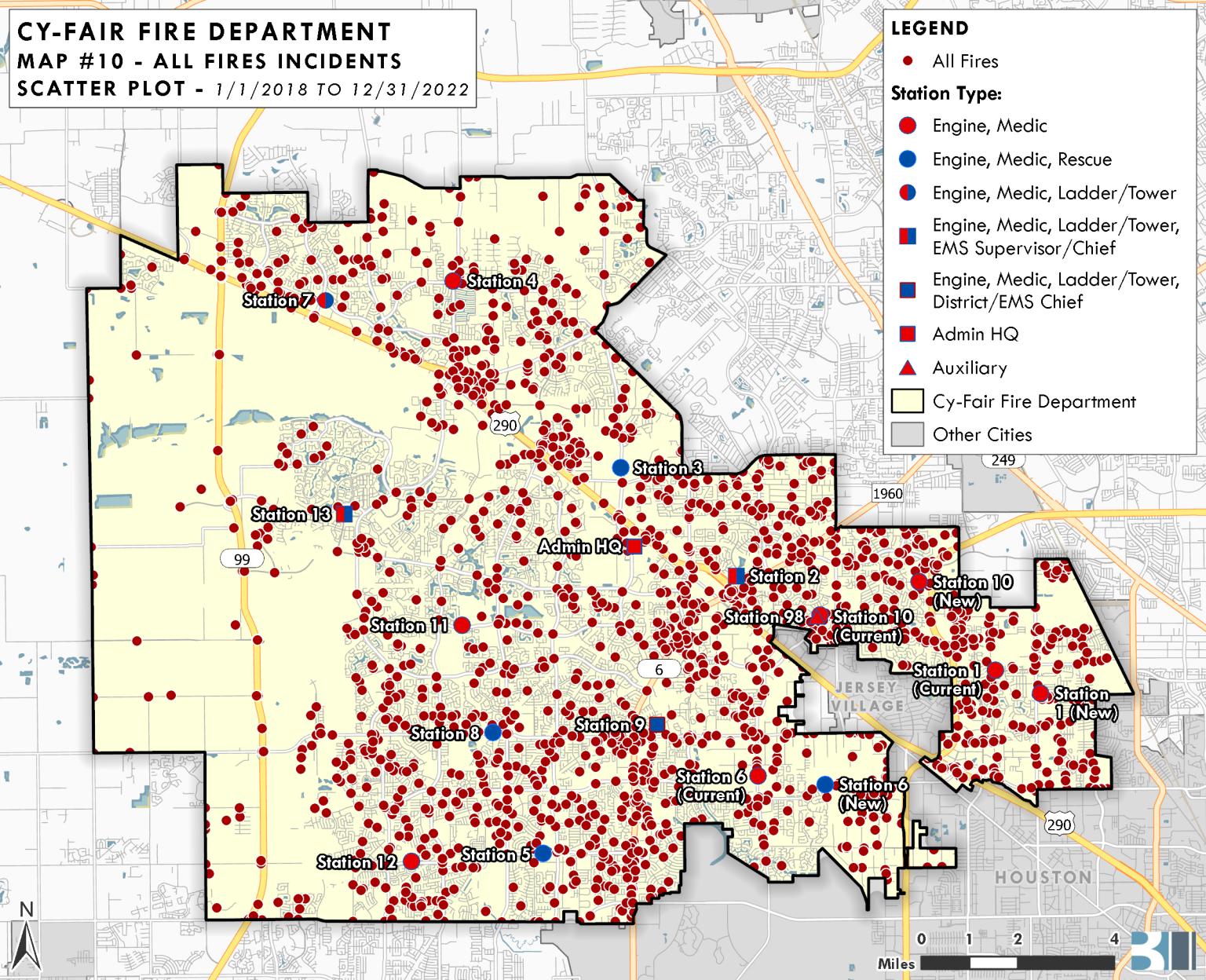
■ Other Cities



**CY-FAIR FIRE DEPARTMENT**  
**MAP #9 - EMS/RESCUE INCIDENTS**  
**SCATTER PLOT - 1/1/2018 TO 12/31/2022**



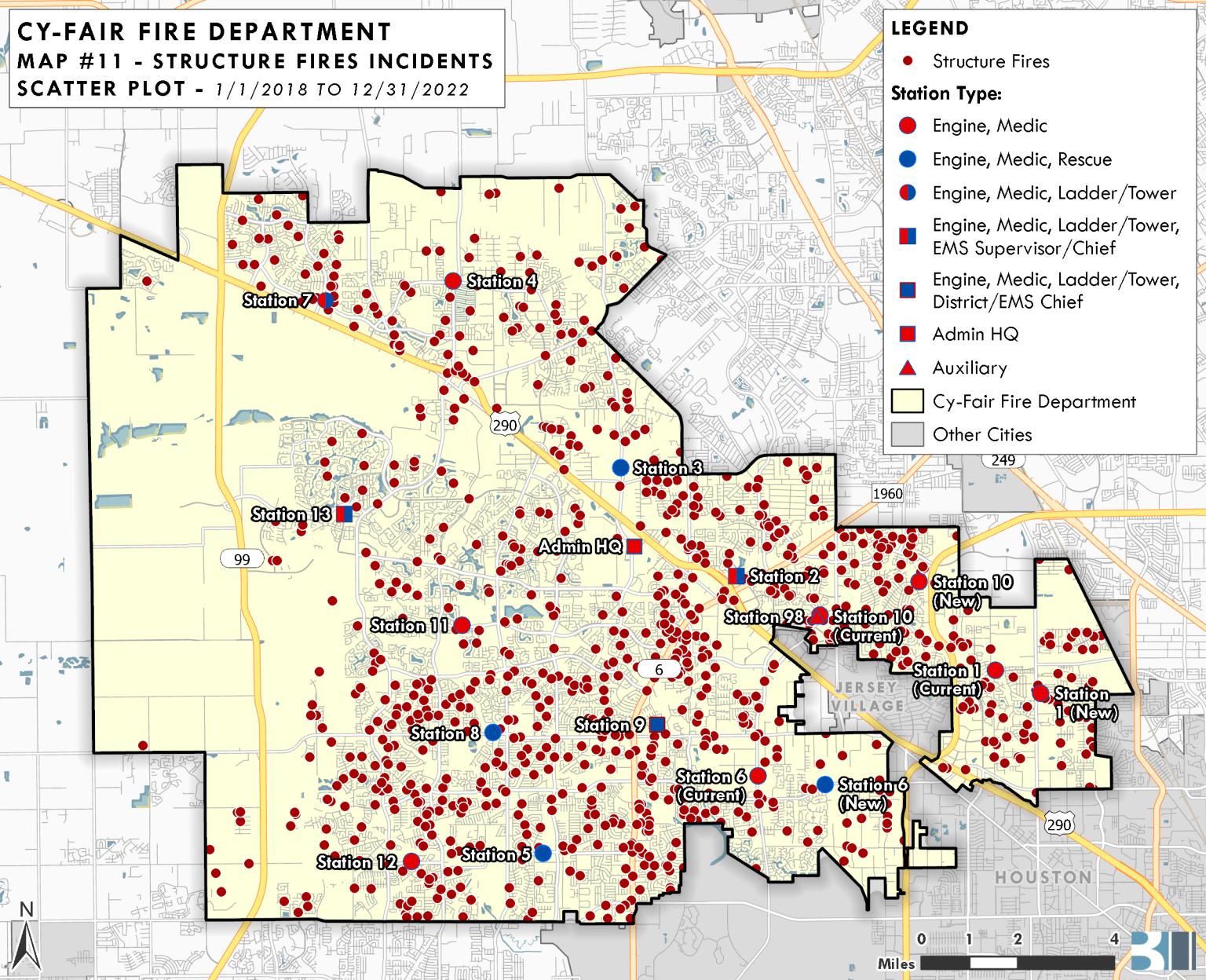
**CY-FAIR FIRE DEPARTMENT**  
**MAP #10 - ALL FIRES INCIDENTS**  
**SCATTER PLOT - 1/1/2018 TO 12/31/2022**



# CY-FAIR FIRE DEPARTMENT

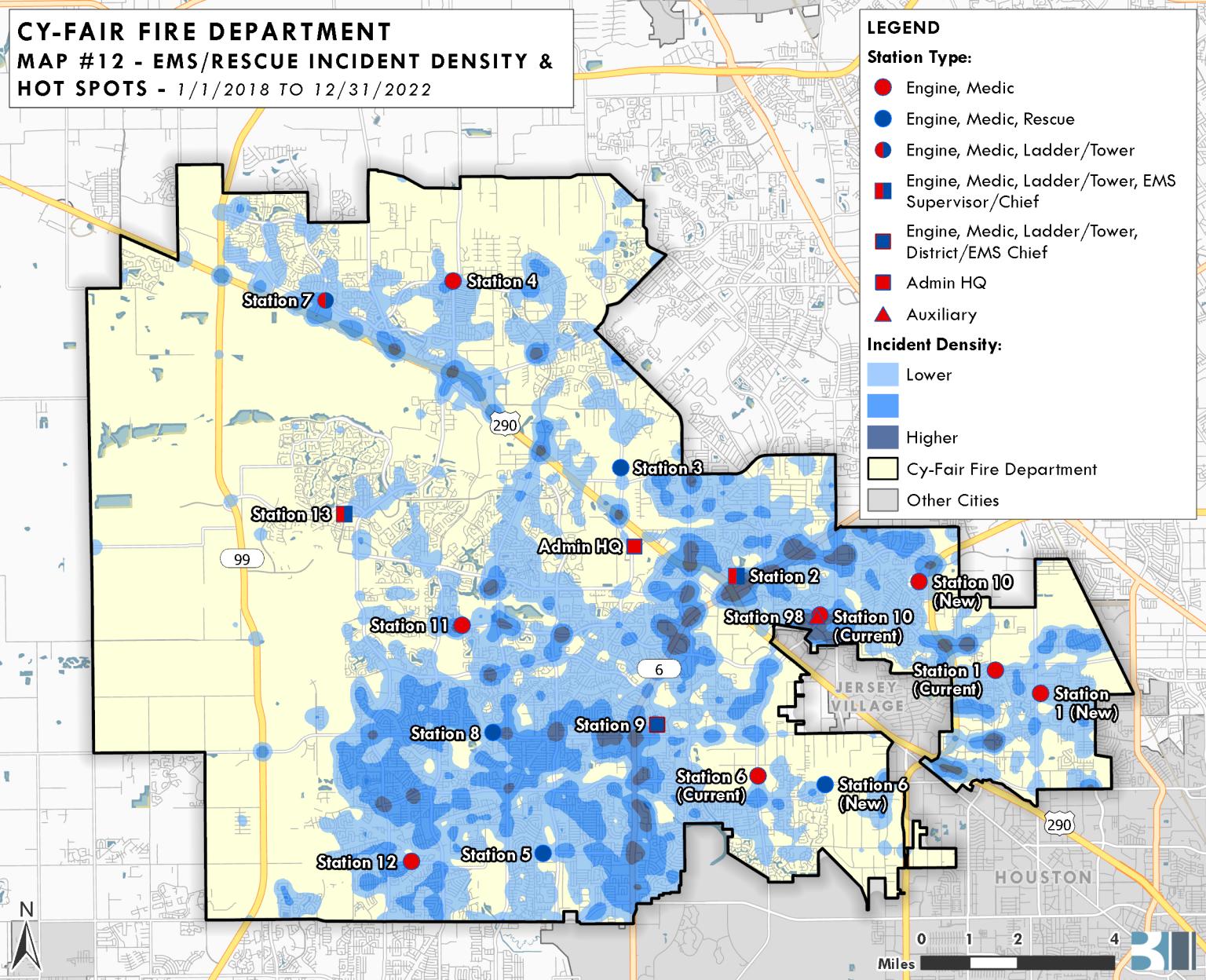
## MAP #11 - STRUCTURE FIRES INCIDENTS

SCATTER PLOT - 1/1/2018 TO 12/31/2022



# CY-FAIR FIRE DEPARTMENT

## MAP #12 - EMS/RESCUE INCIDENT DENSITY & HOT SPOTS - 1/1/2018 TO 12/31/2022



# CY-FAIR FIRE DEPARTMENT

## MAP #13 - ALL FIRES DENSITY & HOT SPOTS -

1/1/2018 TO 12/31/2022

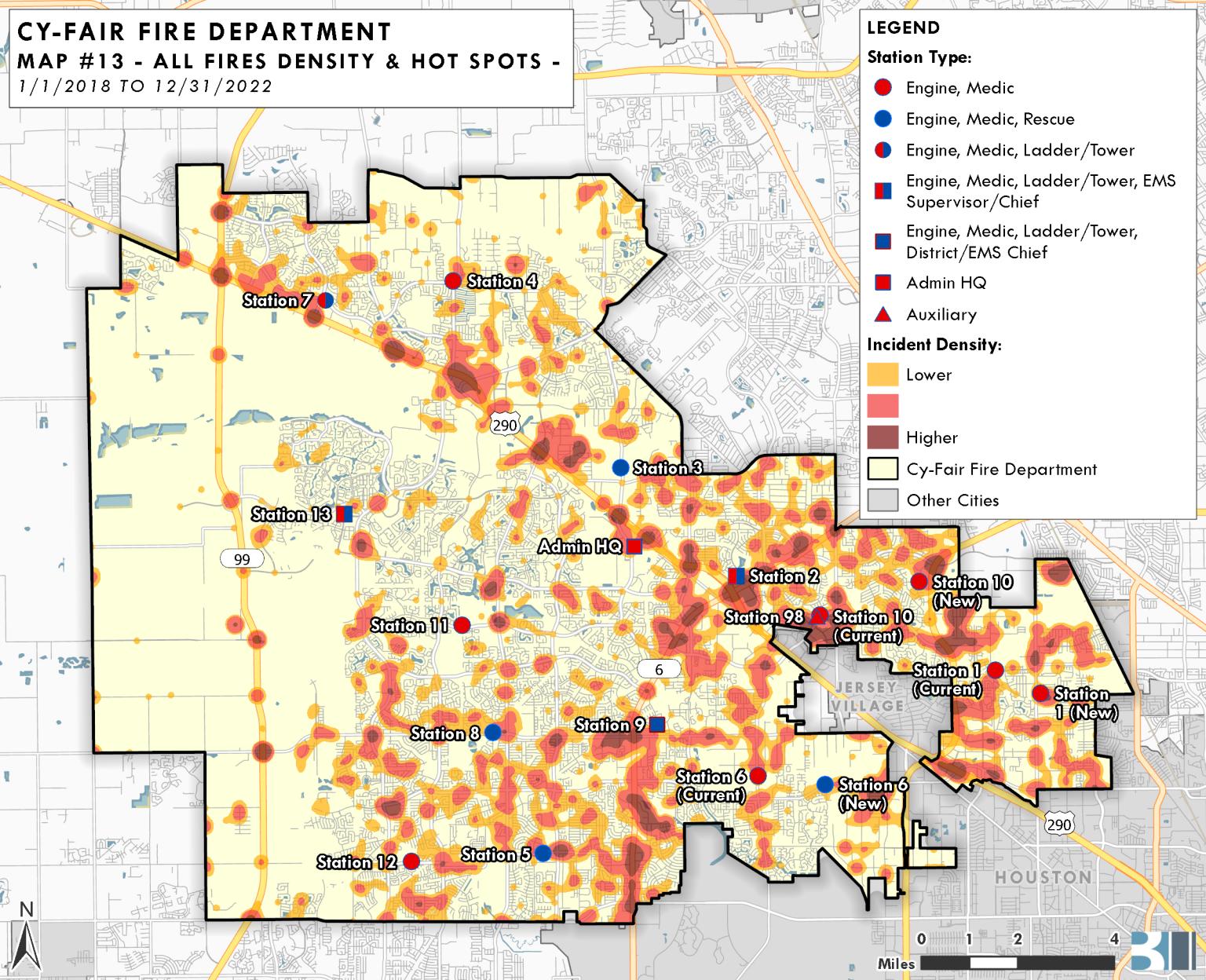
### LEGEND

#### Station Type:

- Engine, Medic
- Engine, Medic, Rescue
- Engine, Medic, Ladder/Tower
- Engine, Medic, Ladder/Tower, EMS Supervisor/Chief
- Engine, Medic, Ladder/Tower, District/EMS Chief
- Admin HQ
- ▲ Auxiliary

#### Incident Density:

- Yellow: Lower
- Red: Higher
- Cy-Fair Fire Department
- Other Cities



# CY-FAIR FIRE DEPARTMENT

## MAP #14 - STRUCTURE FIRES DENSITY & HOT SPOTS

SPOTS - 1/1/2018 TO 12/31/2022

### LEGEND

#### Station Type:

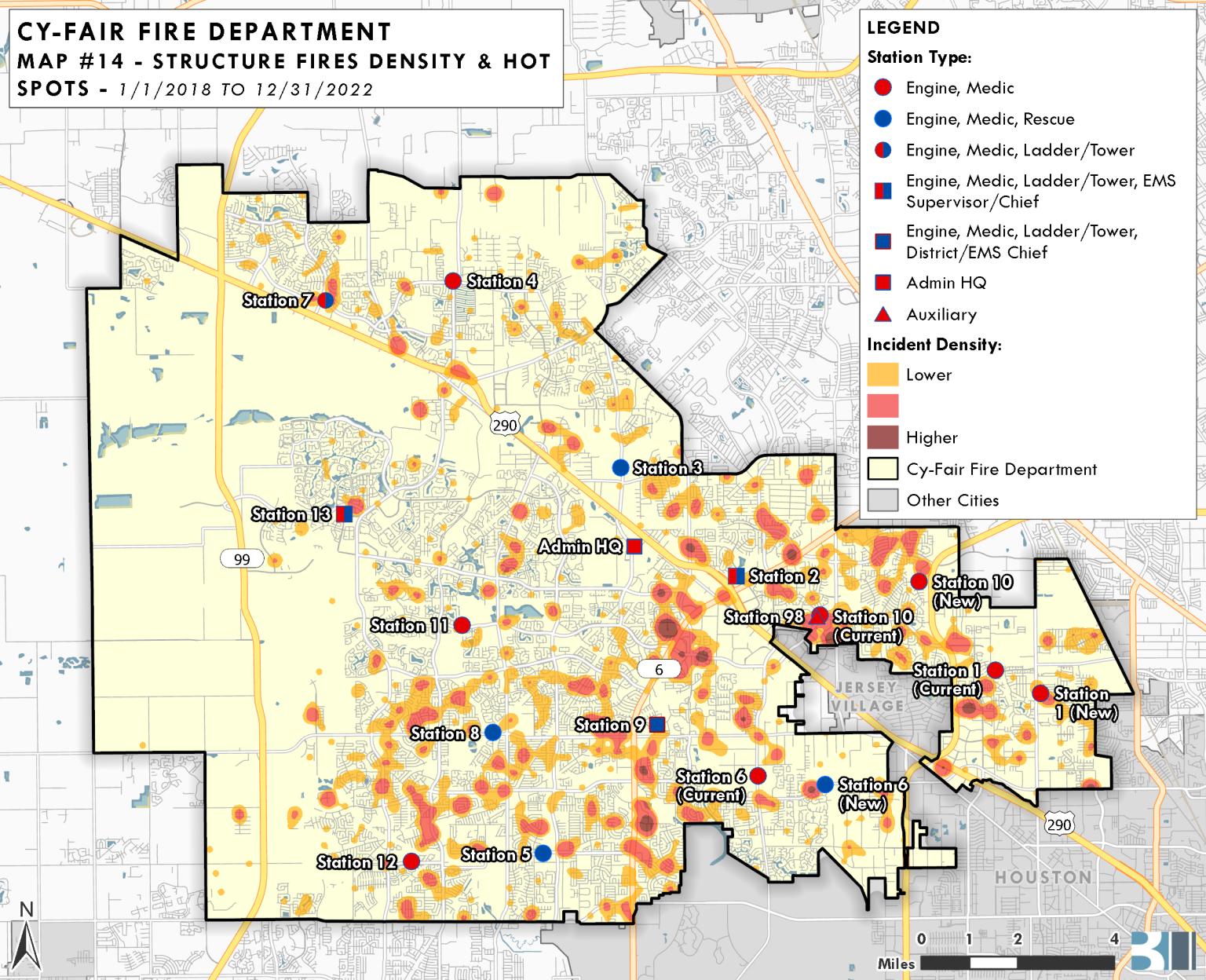
- Engine, Medic
- Engine, Medic, Rescue
- Engine, Medic, Ladder/Tower
- Engine, Medic, Ladder/Tower, EMS Supervisor/Chief
- Engine, Medic, Ladder/Tower, District/EMS Chief
- Admin HQ
- ▲ Auxiliary

#### Incident Density:

- Lower
- Higher

Cy-Fair Fire Department

Other Cities



# CY-FAIR FIRE DEPARTMENT

## MAP #15 - 5:00-MINUTE FIRST DUE ENGINE TRAVEL TIME - RELOCATED STATIONS 1, 6, 10, AND TEST STATION LOCATIONS

### LEGEND

- 5-min Existing/Infill Overlap
- 5-min Infill (Test A, B, & C Only)
- 5-min Travel Time
- MTFP Proposed Thoroughfares
- Station Test Locations

**Station Type:**

- Engine, Medic
- Engine, Medic, Rescue
- Engine, Medic, Ladder/Tower
- Engine, Medic, Ladder/Tower, EMS Supervisor/Chief
- Engine, Medic, Ladder/Tower, District/EMS Chief
- Admin HQ
- Auxiliary

- Cy-Fair Fire Department
- Other Cities

