



STANDARDS OF COVERAGE
ASSESSMENT

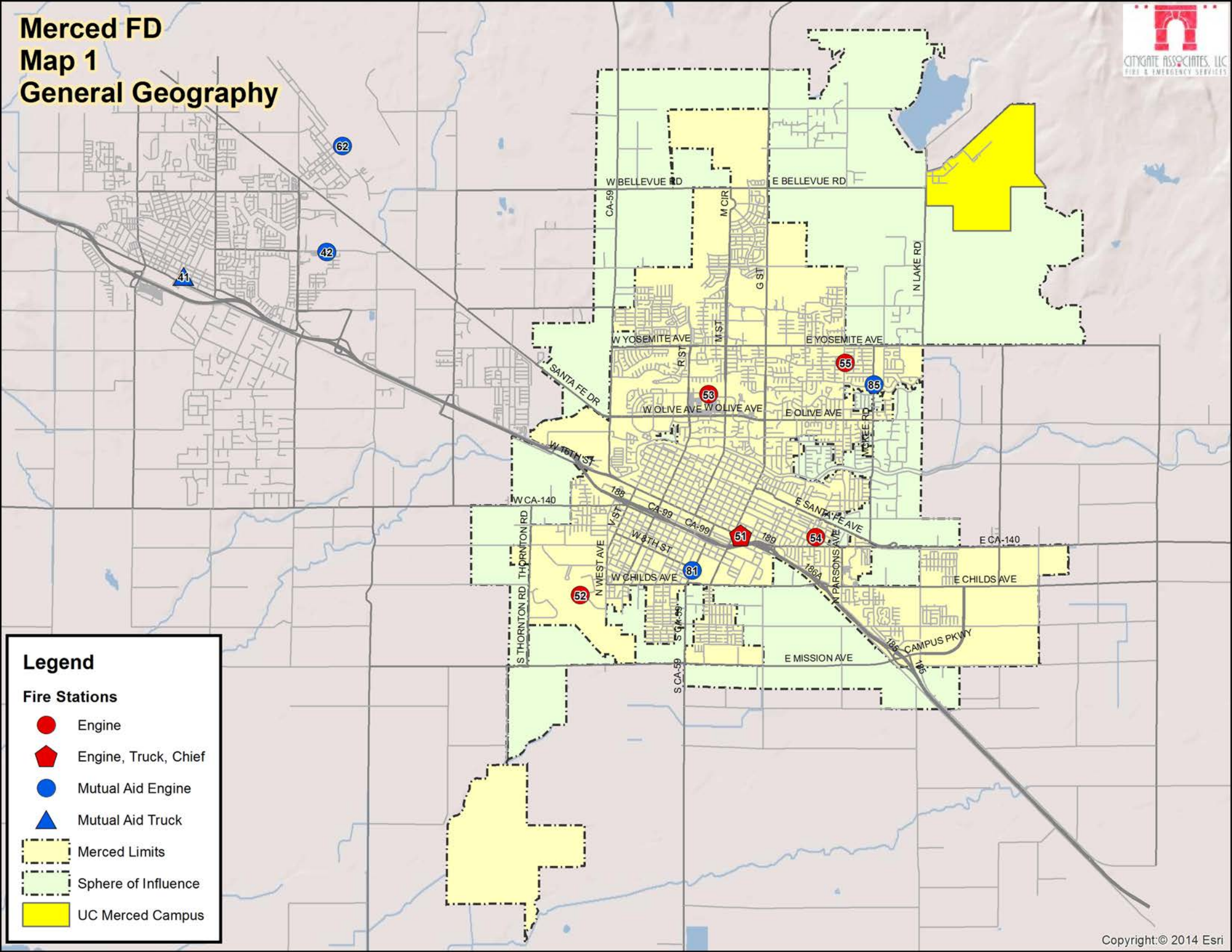
VOLUME 2 OF 2: MAP ATLAS

CITY OF MERCED, CA

MARCH 29, 2018

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Merced FD Map 1 General Geography



Legend

Fire Stations

- Engine
- ⬠ Engine, Truck, Chief
- Mutual Aid Engine
- ▲ Mutual Aid Truck
- Merced Limits
- Sphere of Influence
- UC Merced Campus

Merced FD Map 2 Risk: Planning Zones

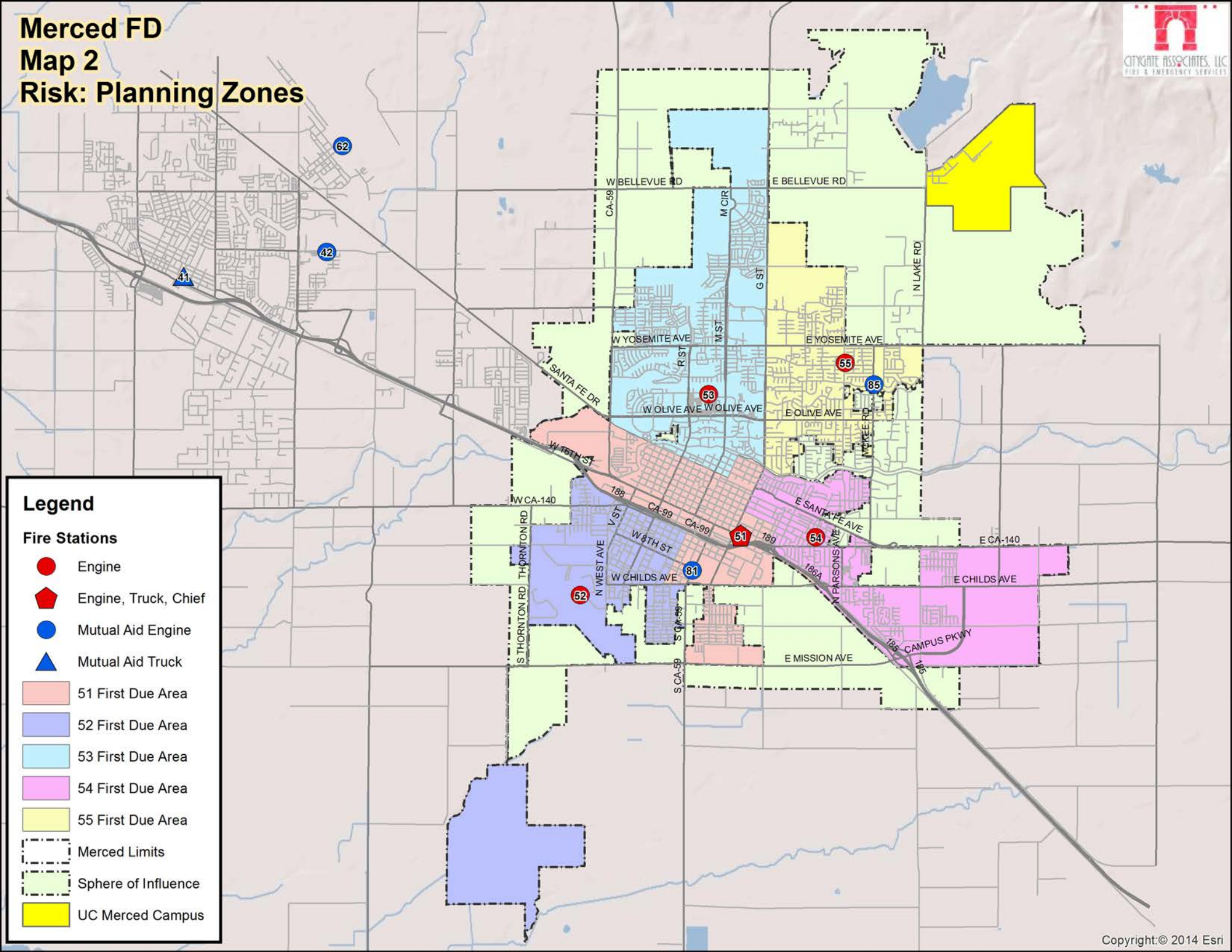
Legend

Fire Stations

- Engine
- ◆ Engine, Truck, Chief
- Mutual Aid Engine
- ▲ Mutual Aid Truck

- 51 First Due Area
- 52 First Due Area
- 53 First Due Area
- 54 First Due Area
- 55 First Due Area

- Merced Limits
- Sphere of Influence
- UC Merced Campus

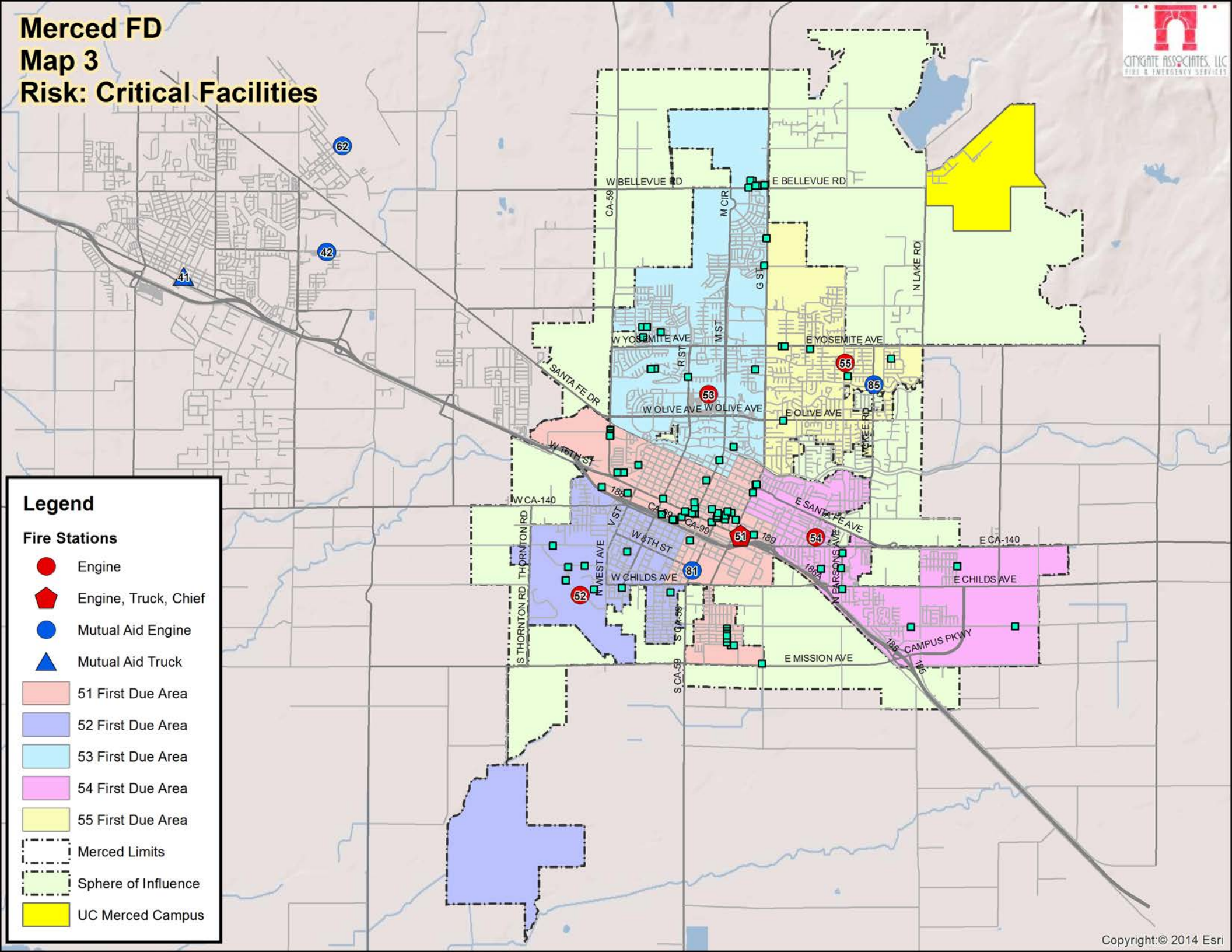


Merced FD Map 3 Risk: Critical Facilities

Legend

Fire Stations

- Engine
- ◆ Engine, Truck, Chief
- Mutual Aid Engine
- ▲ Mutual Aid Truck
- 51 First Due Area
- 52 First Due Area
- 53 First Due Area
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- 55 First Due Area
- Merced Limits
- Sphere of Influence
- UC Merced Campus



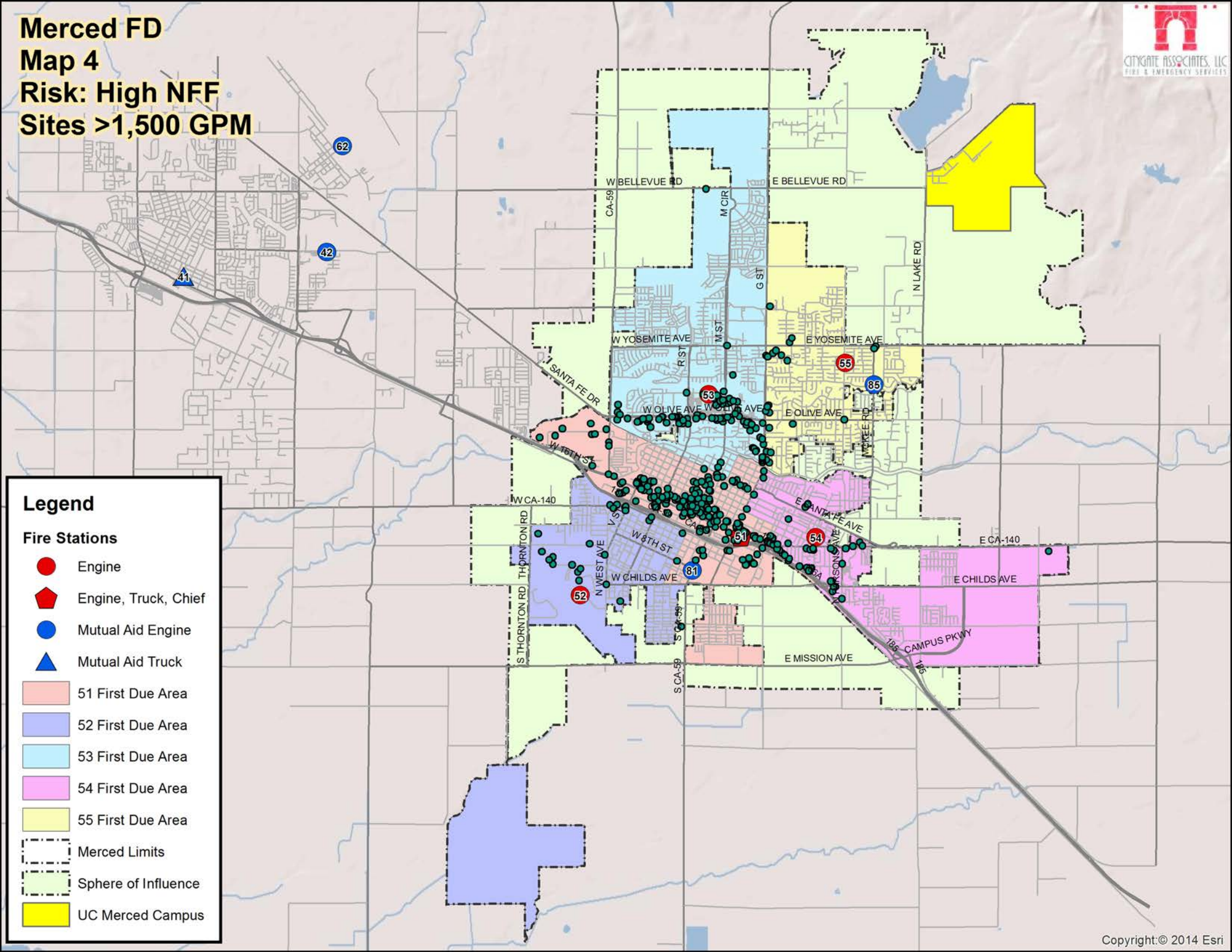
**Merced FD
Map 4
Risk: High NFF
Sites >1,500 GPM**

Legend

Fire Stations

- Engine
- ◆ Engine, Truck, Chief
- Mutual Aid Engine
- ▲ Mutual Aid Truck

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- UC Merced Campus



Merced FD Map 5 Risk: Population Densities

Legend

Fire Stations

- Engine
- ◆ Engine, Truck, Chief
- Mutual Aid Engine
- ▲ Mutual Aid Truck

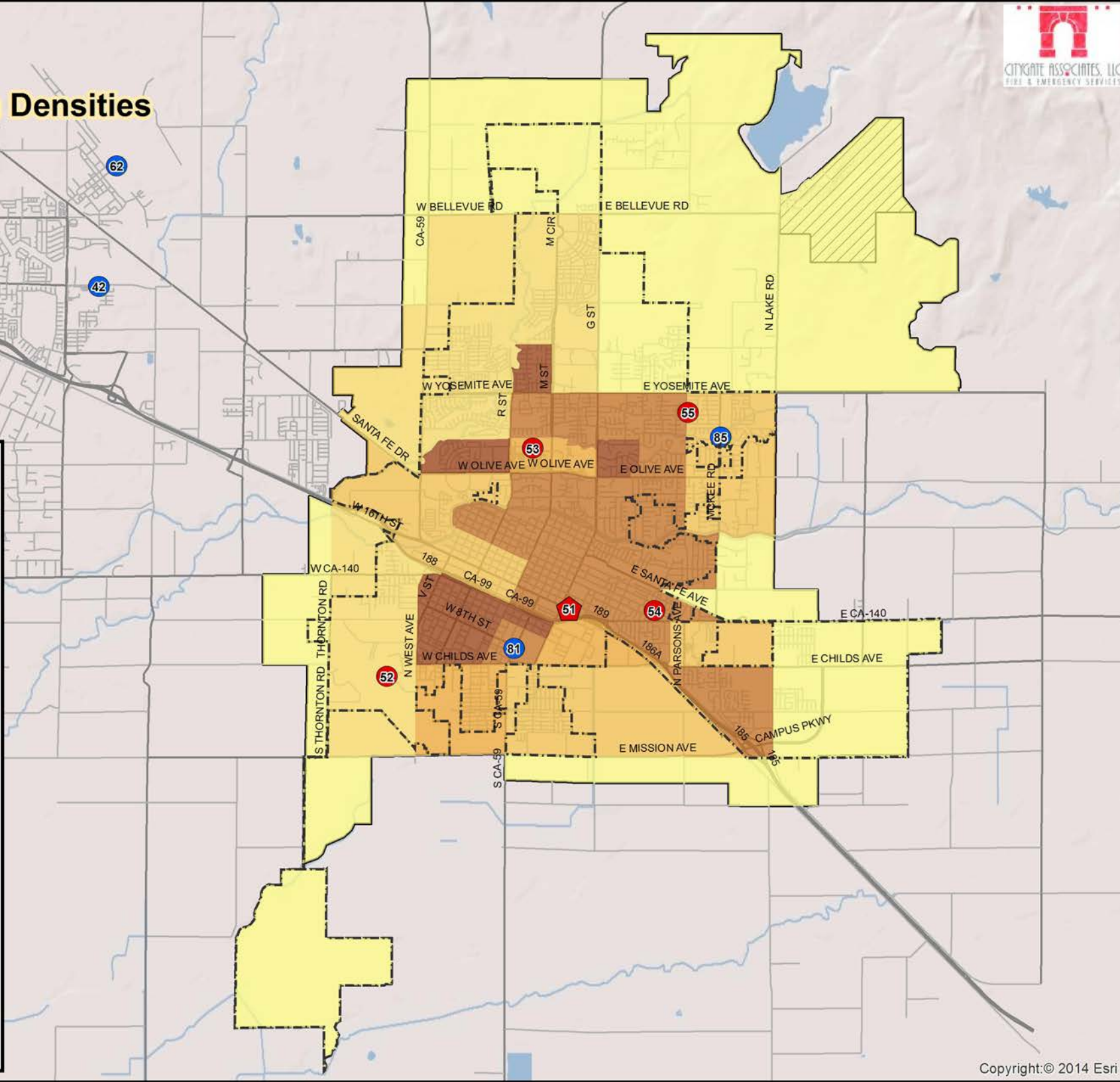
Population Per Square Mile

- < 500
- 501 - 1,000
- 1,001 - 1,500
- 1,501 - 2,500
- 2,501 - 5,000
- 5,001 - 10,000
- > 10,000

Merced Limits

Sphere of Influence

UC Merced Campus



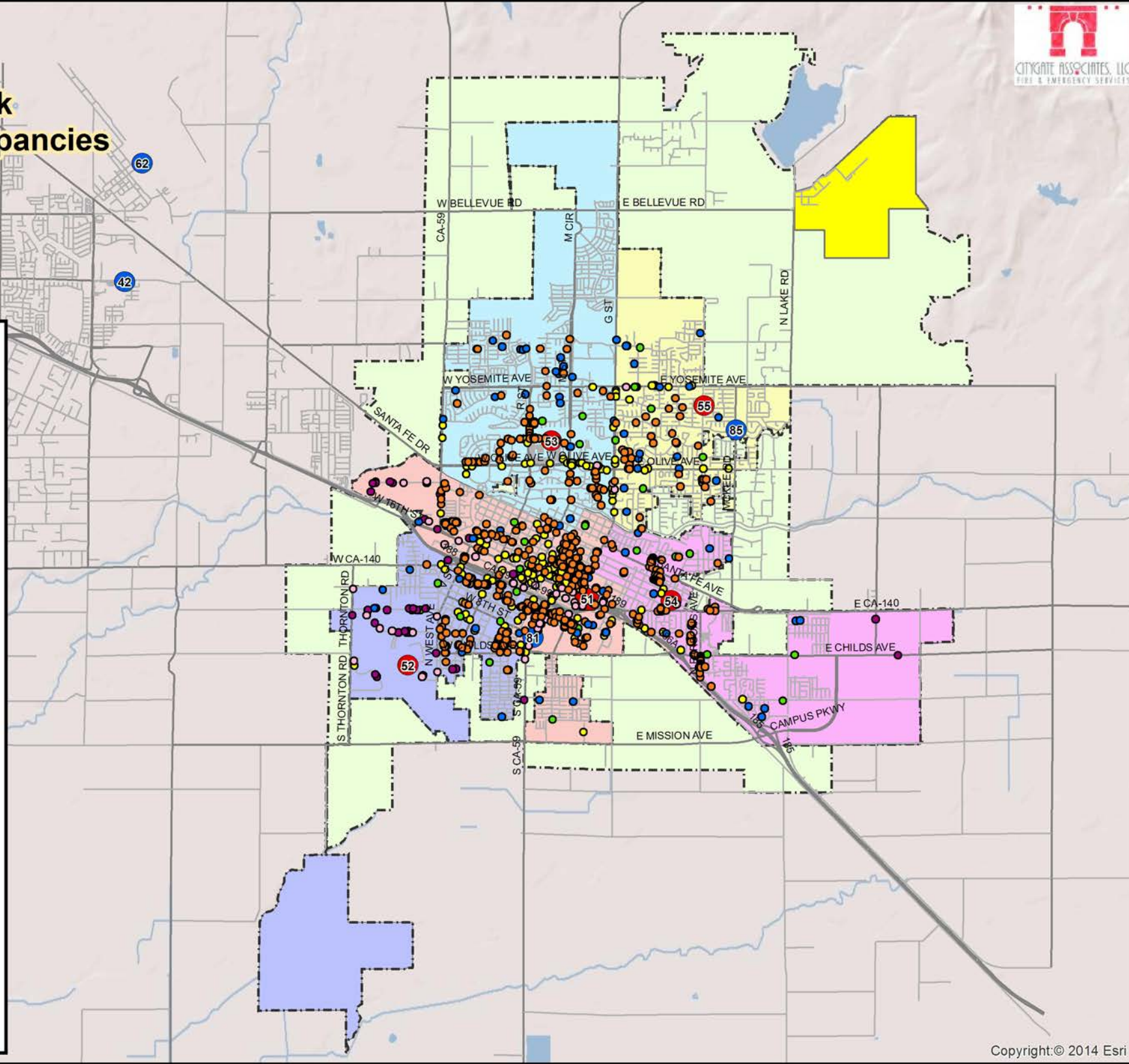
Merced FD Map 6 Risk: High-Risk Building Occupancies

Legend

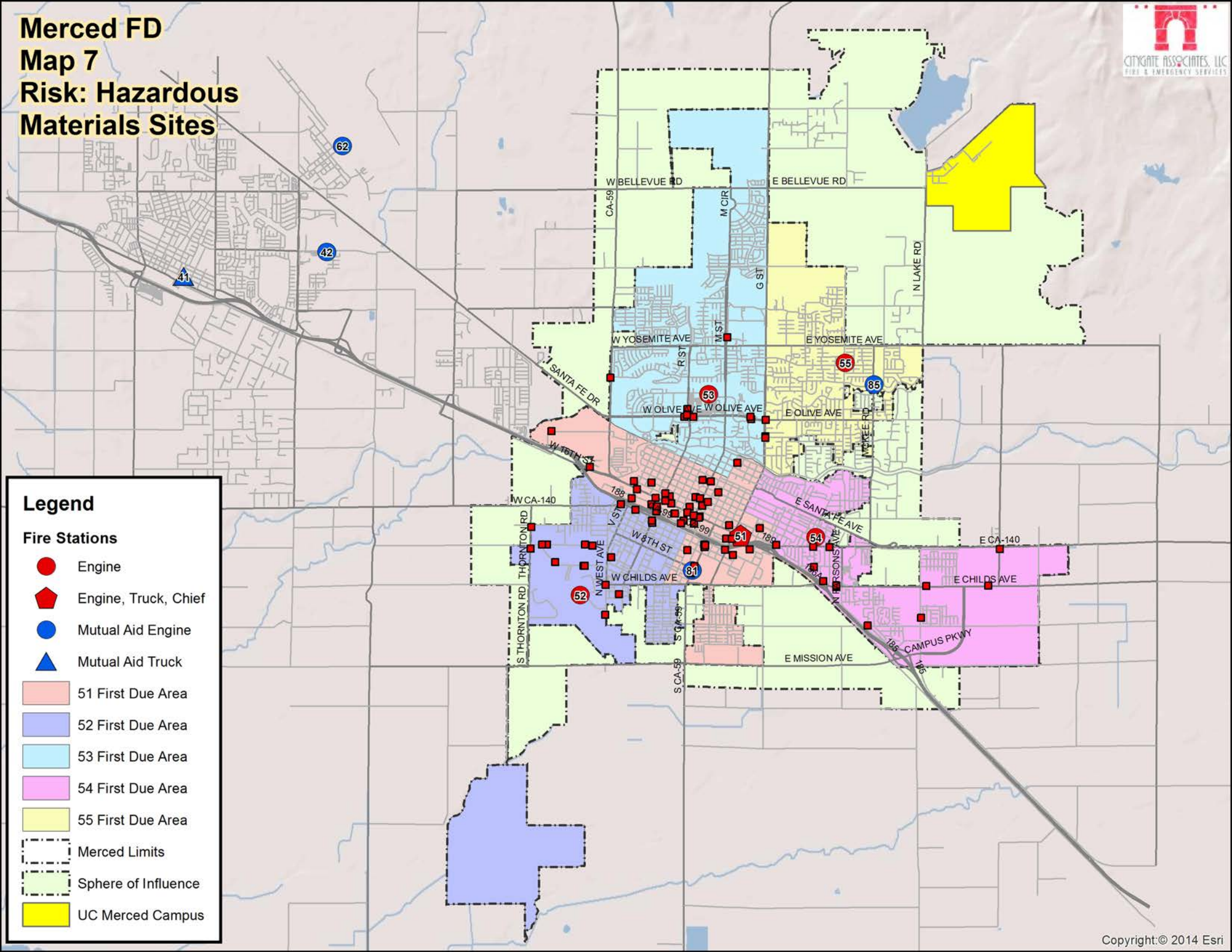
Fire Stations

- Engine
- ◆ Engine, Truck, Chief
- Mutual Aid Engine
- ▲ Mutual Aid Truck
- "A" Occupancies
- "E" Occupancies
- "F" Occupancies
- "H" Occupancies
- "I" Occupancies
- "R" Occupancies

- 51 First Due Area
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Merced FD Map 7 Risk: Hazardous Materials Sites



Legend

Fire Stations

- Engine
- ◆ Engine, Truck, Chief
- Mutual Aid Engine
- ▲ Mutual Aid Truck

First Due Areas

- 51 First Due Area
- 52 First Due Area
- 53 First Due Area
- 54 First Due Area
- 55 First Due Area

Other Features

- Merced Limits
- Sphere of Influence
- UC Merced Campus

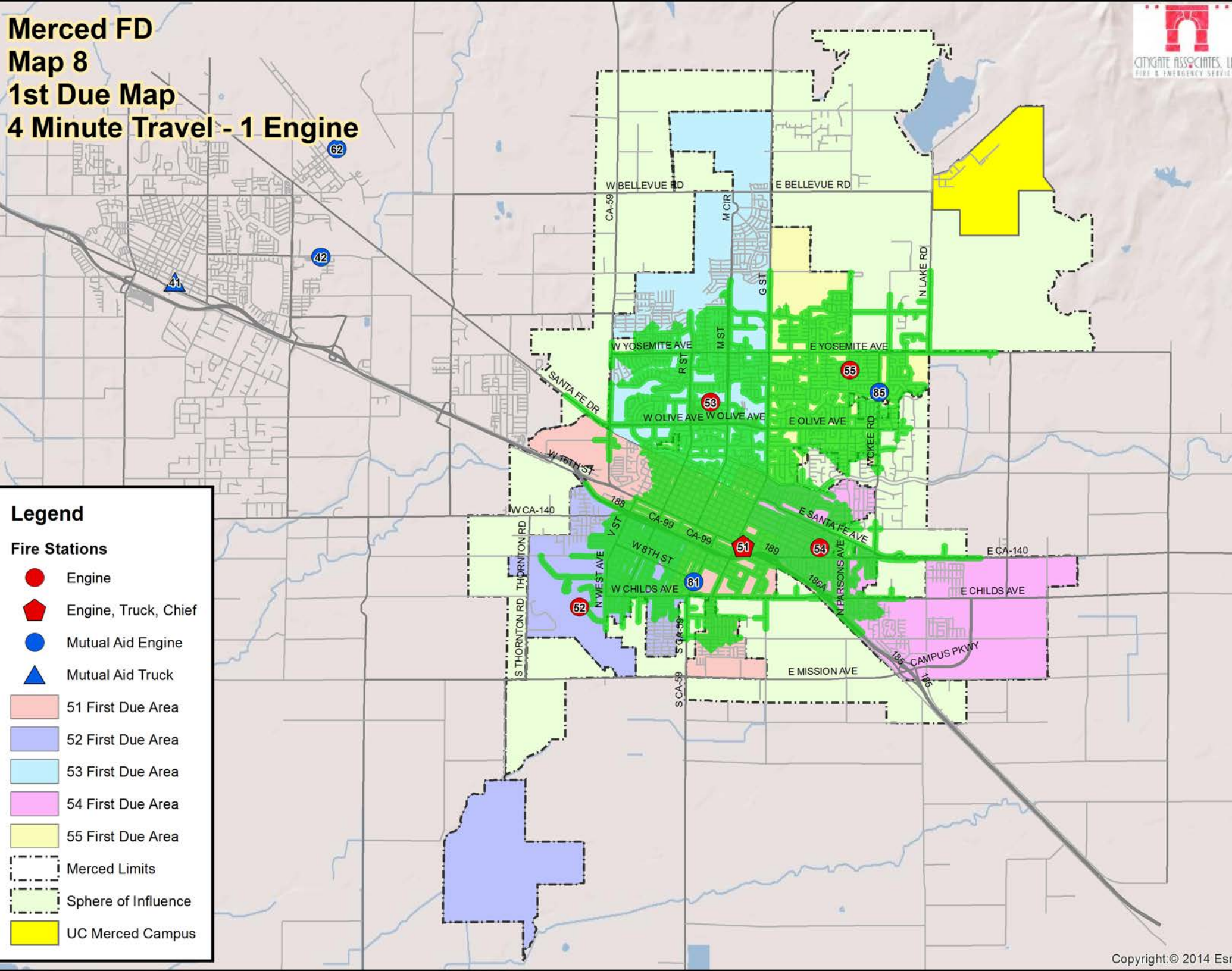
Merced FD Map 8 1st Due Map 4 Minute Travel - 1 Engine

Legend

Fire Stations

- Engine
- ◆ Engine, Truck, Chief
- Mutual Aid Engine
- ▲ Mutual Aid Truck

- 51 First Due Area
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Merced FD Map 9 1st Due Map 1 Engine 5, 6, 7, 8 Minute Travel

Legend

Fire Stations

- Engine
- ◆ Engine, Truck, Chief
- Mutual Aid Engine
- ▲ Mutual Aid Truck

Travel Time

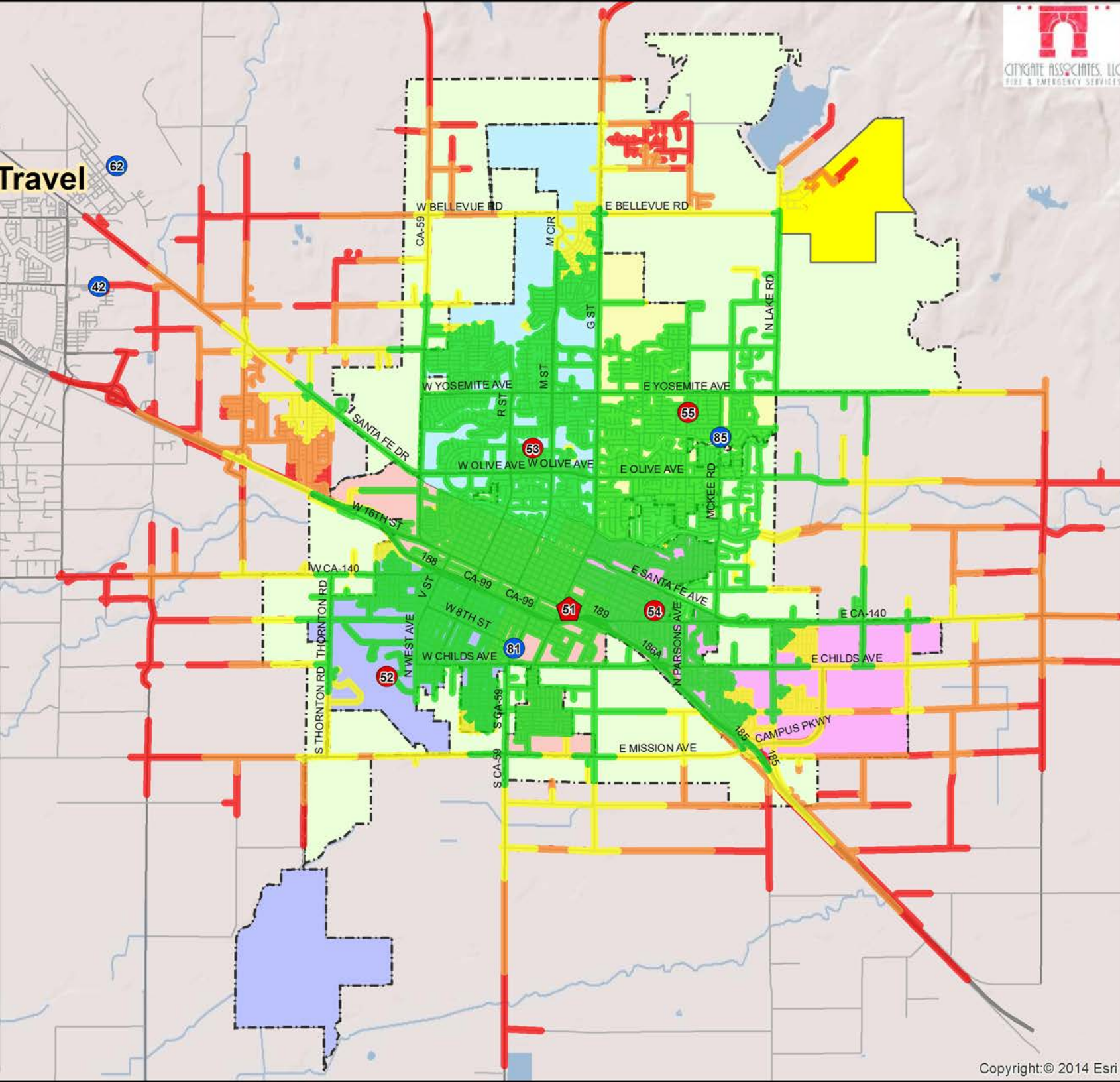
- 5 Minute Engine Travel
- 6 Minute Engine Travel
- 7 Minute Engine Travel
- 8 Minute Engine Travel

First Due Areas

- 51 First Due Area
- 52 First Due Area
- 53 First Due Area
- 54 First Due Area
- 55 First Due Area

Other Features

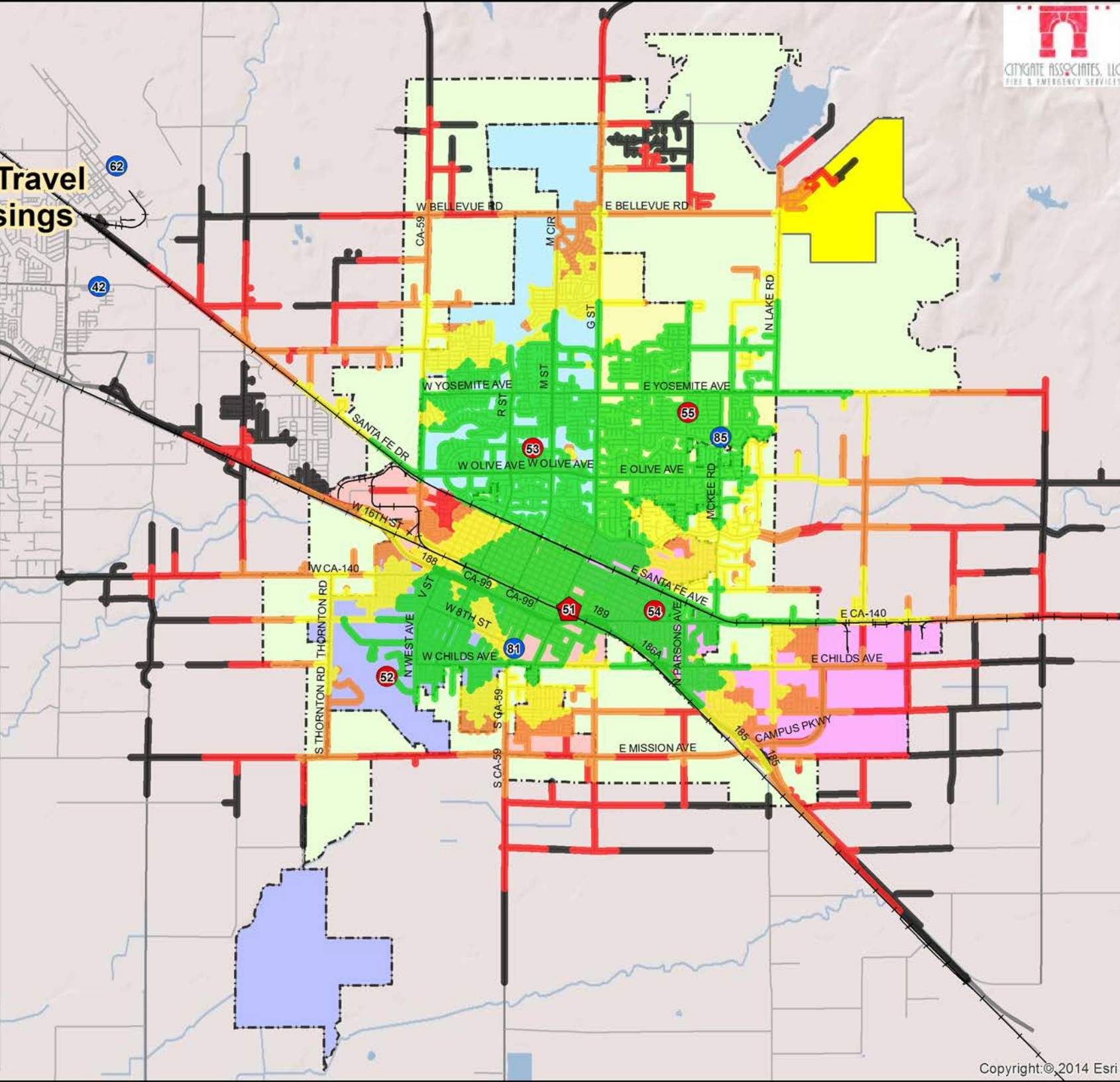
- Merced Limits
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**Merced FD
Map 10
1st Due Map
1 Engine
5, 6, 7, 8 Minute Travel
no railroad crossings**

Legend

- Engine
- ◆ Engine, Truck, Chief
- Mutual Aid Engine
- ▲ Mutual Aid Truck
- 4 Minute Engine Travel
- 5 Minute Engine Travel
- 6 Minute Engine Travel
- 7 Minute Engine Travel
- 8 Minute Engine Travel
- +— Railroads
- 51 First Due Area
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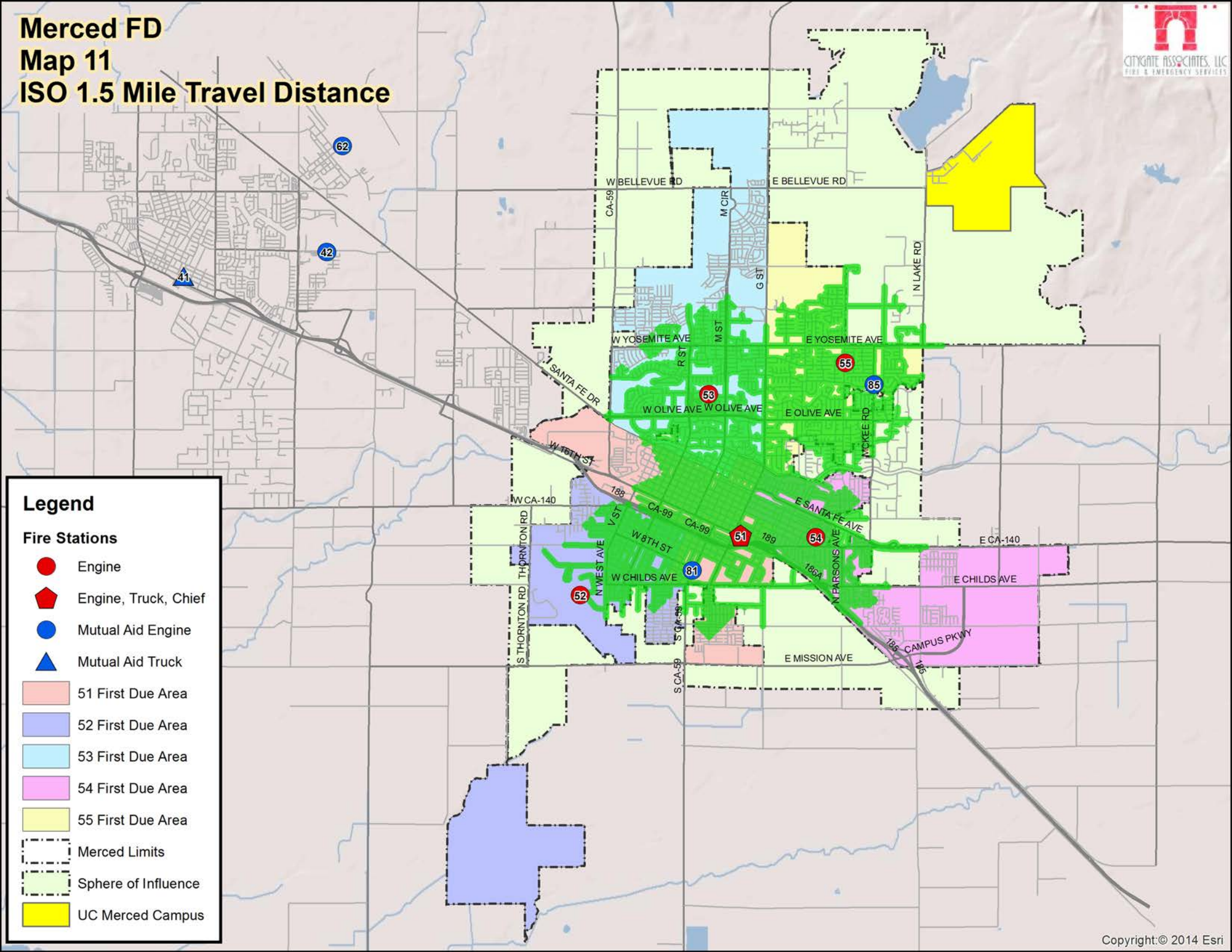
Merced FD Map 11 ISO 1.5 Mile Travel Distance

Legend

Fire Stations

- Engine
- ◆ Engine, Truck, Chief
- Mutual Aid Engine
- ▲ Mutual Aid Truck

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Merced FD

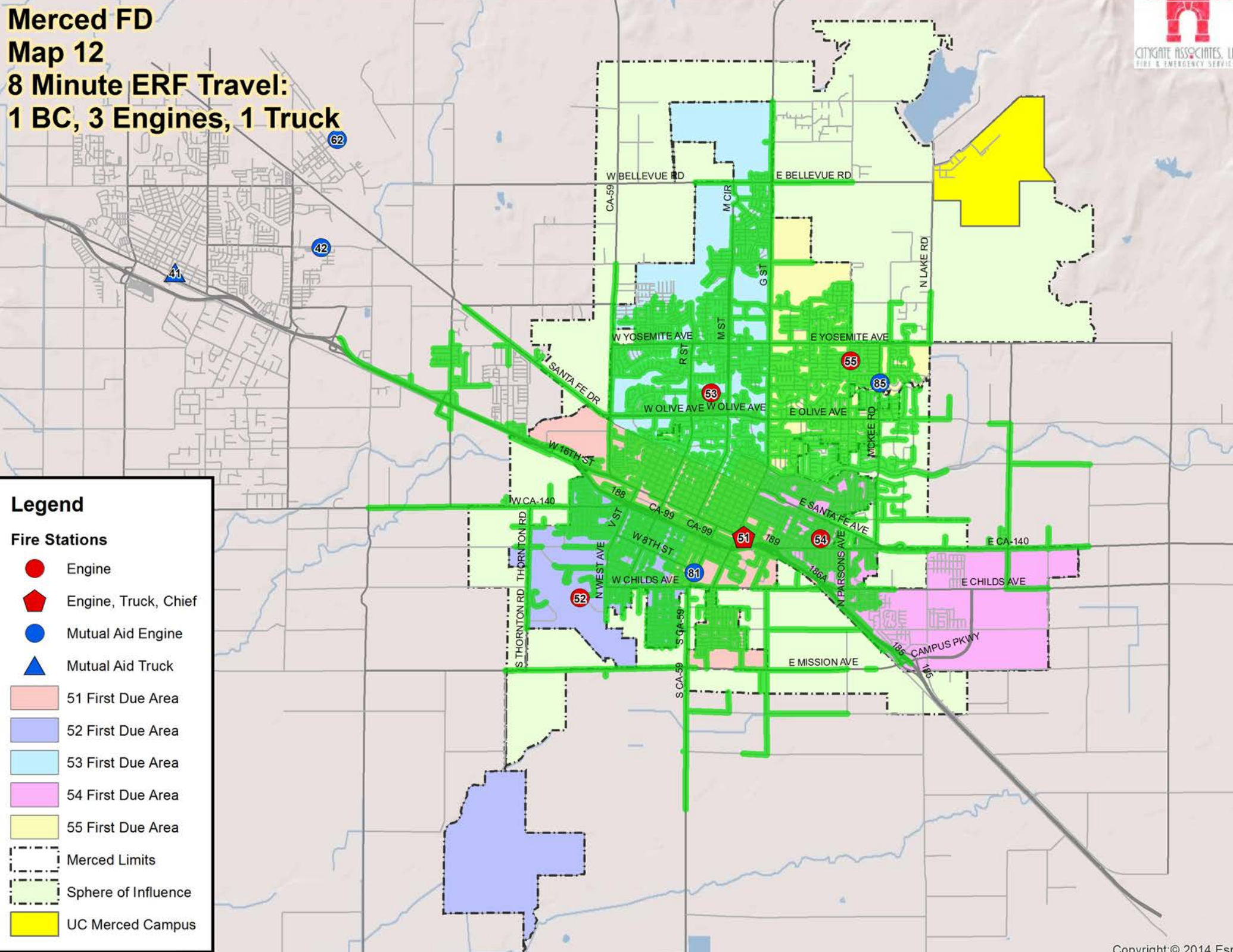
Map 12

8 Minute ERF Travel: 1 BC, 3 Engines, 1 Truck

Legend

Fire Stations

- Engine
- ◆ Engine, Truck, Chief
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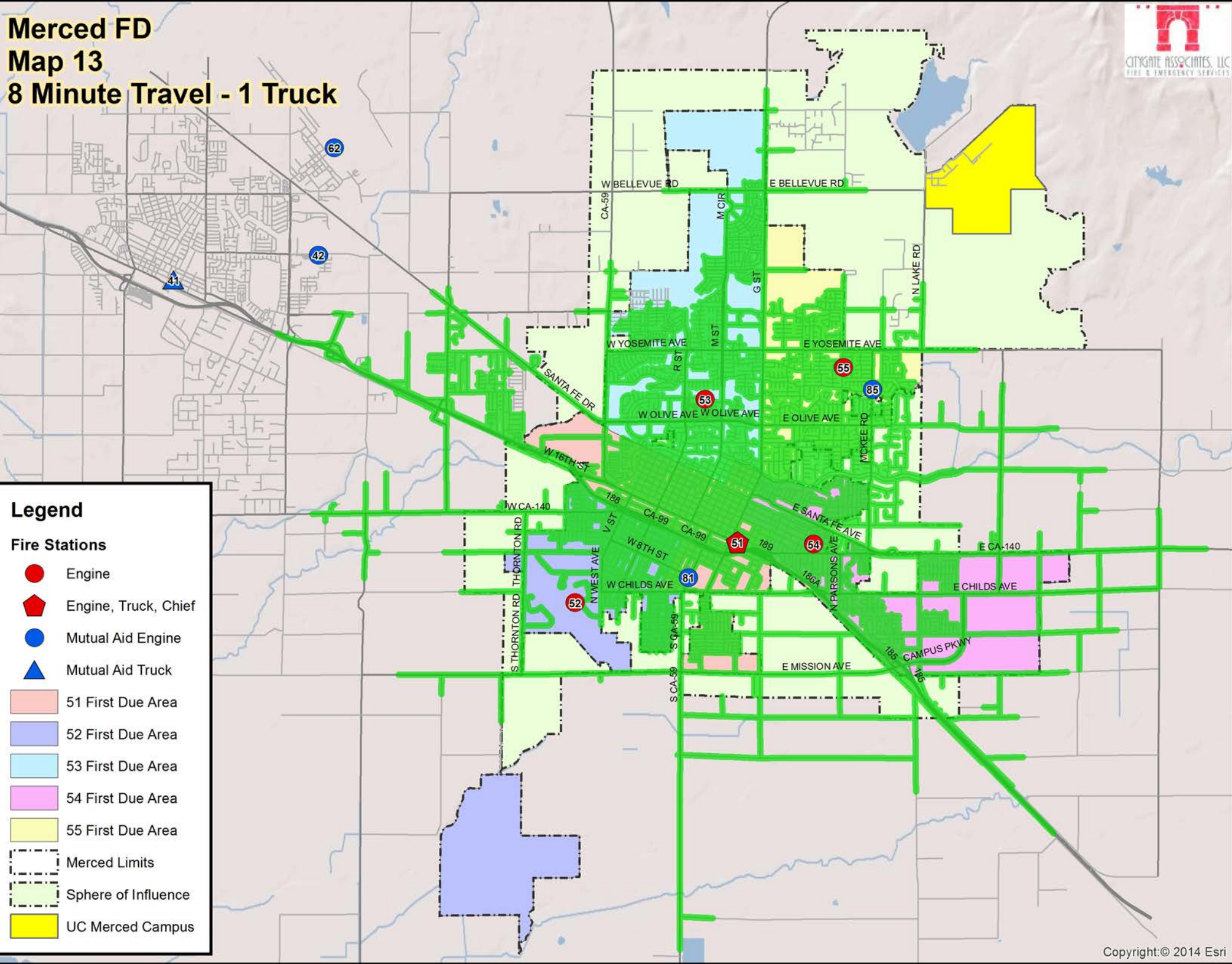
Merced FD Map 13 8 Minute Travel - 1 Truck

Legend

Fire Stations

- Engine
- ◆ Engine, Truck, Chief
- Mutual Aid Engine
- ▲ Mutual Aid Truck

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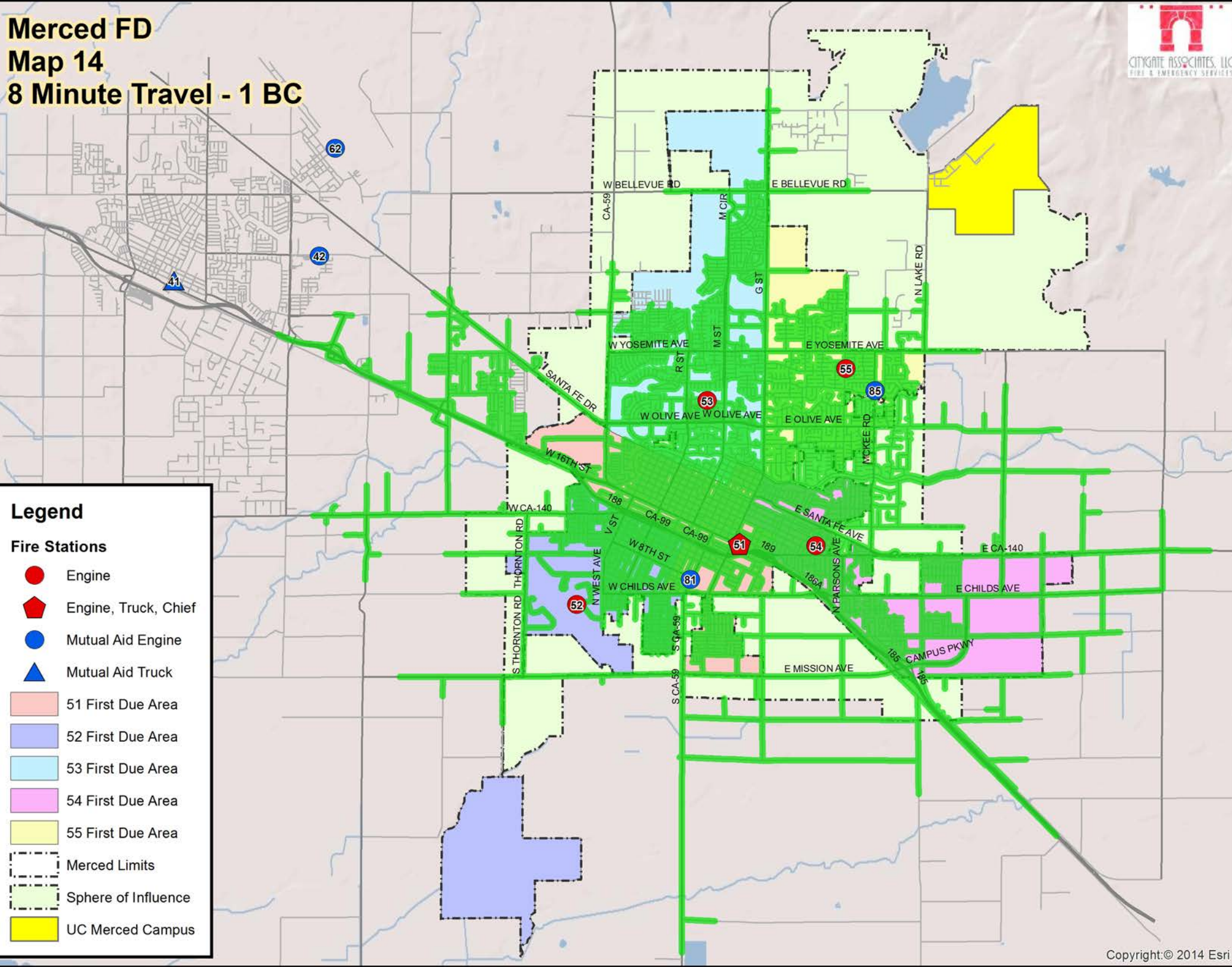
Merced FD Map 14 8 Minute Travel - 1 BC

Legend

Fire Stations

- Engine
- ◆ Engine, Truck, Chief
- Mutual Aid Engine
- ▲ Mutual Aid Truck

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Merced FD Map 15 All Incidents 1/1/2014 - 12/31/2016

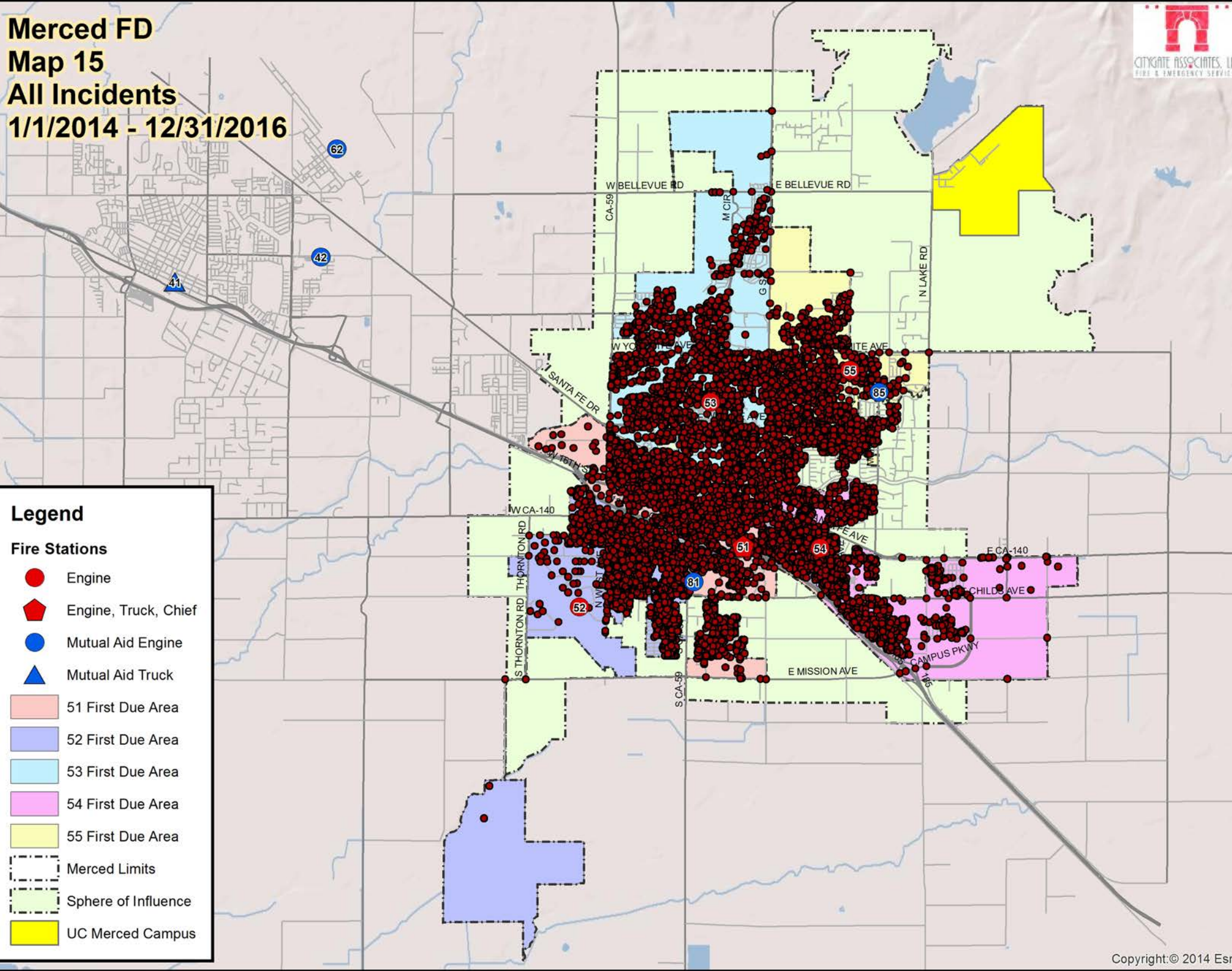
Legend

Fire Stations

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- ▲ Mutual Aid Truck

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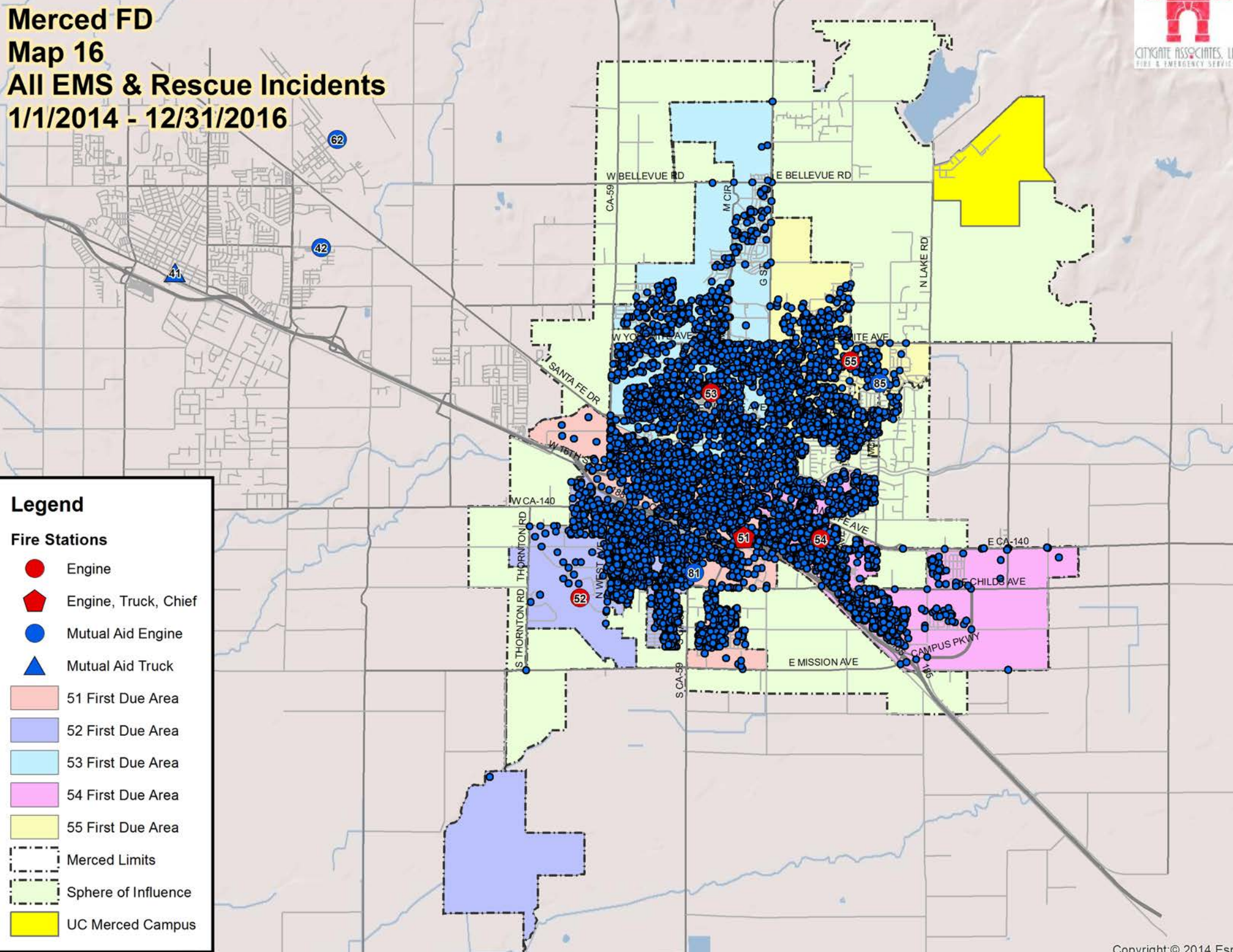
Merced FD Map 16 All EMS & Rescue Incident 1/1/2014 - 12/31/2016



Legend

Fire Stations

- Engine
- ◆ Engine, Truck, Chief
- Mutual Aid Engine
- ▲ Mutual Aid Truck
- 51 First Due Area
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Merced FD Map 17 All Fires 1/1/2014 - 12/31/2016

Legend

Fire Stations

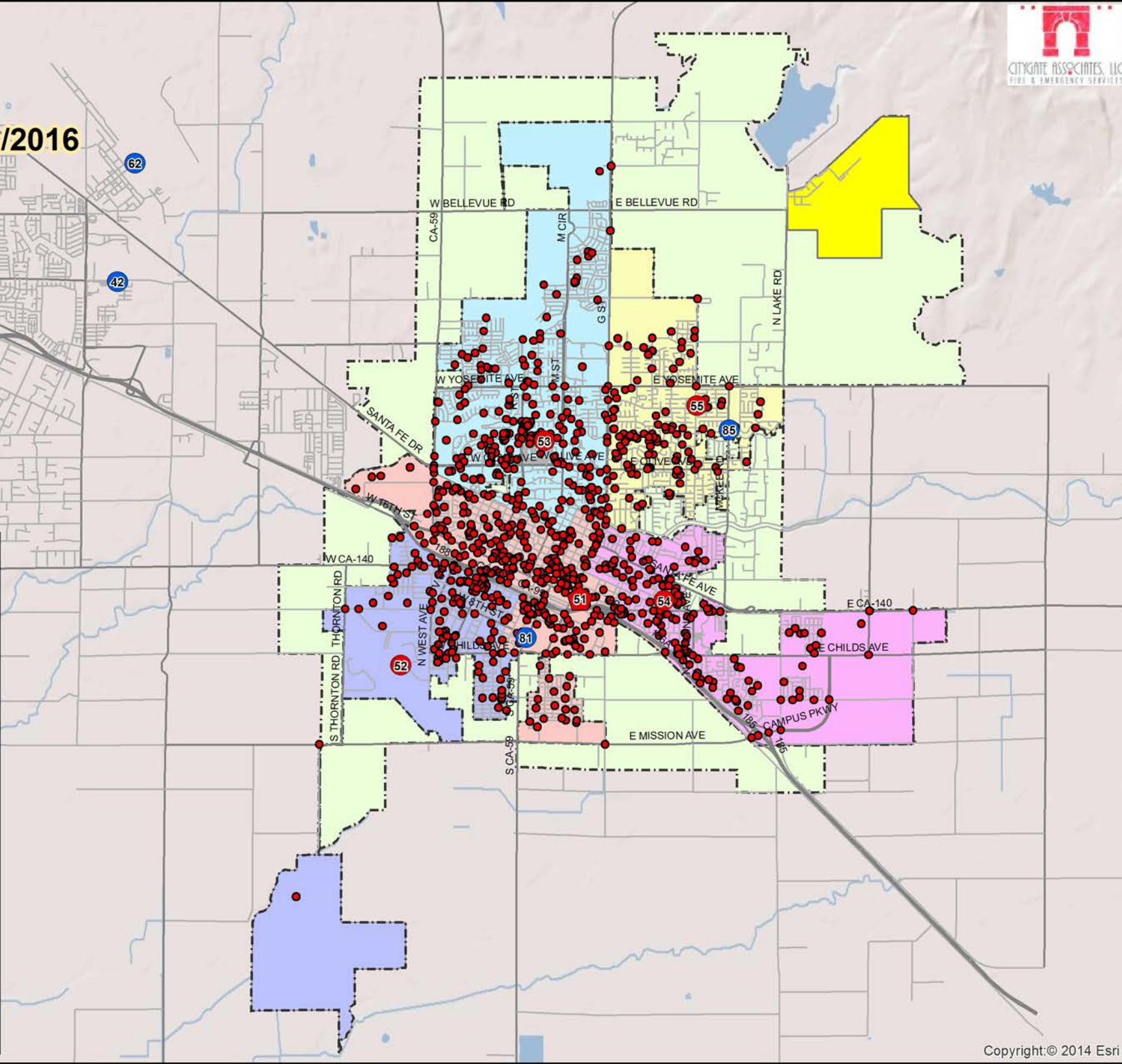
- Engine
- ◆ Engine, Truck, Chief
- Mutual Aid Engine
- ▲ Mutual Aid Truck

First Due Areas

- 51 First Due Area
- 52 First Due Area
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- 55 First Due Area

Other Features

- Merced Limits
- Sphere of Influence
- UC Merced Campus

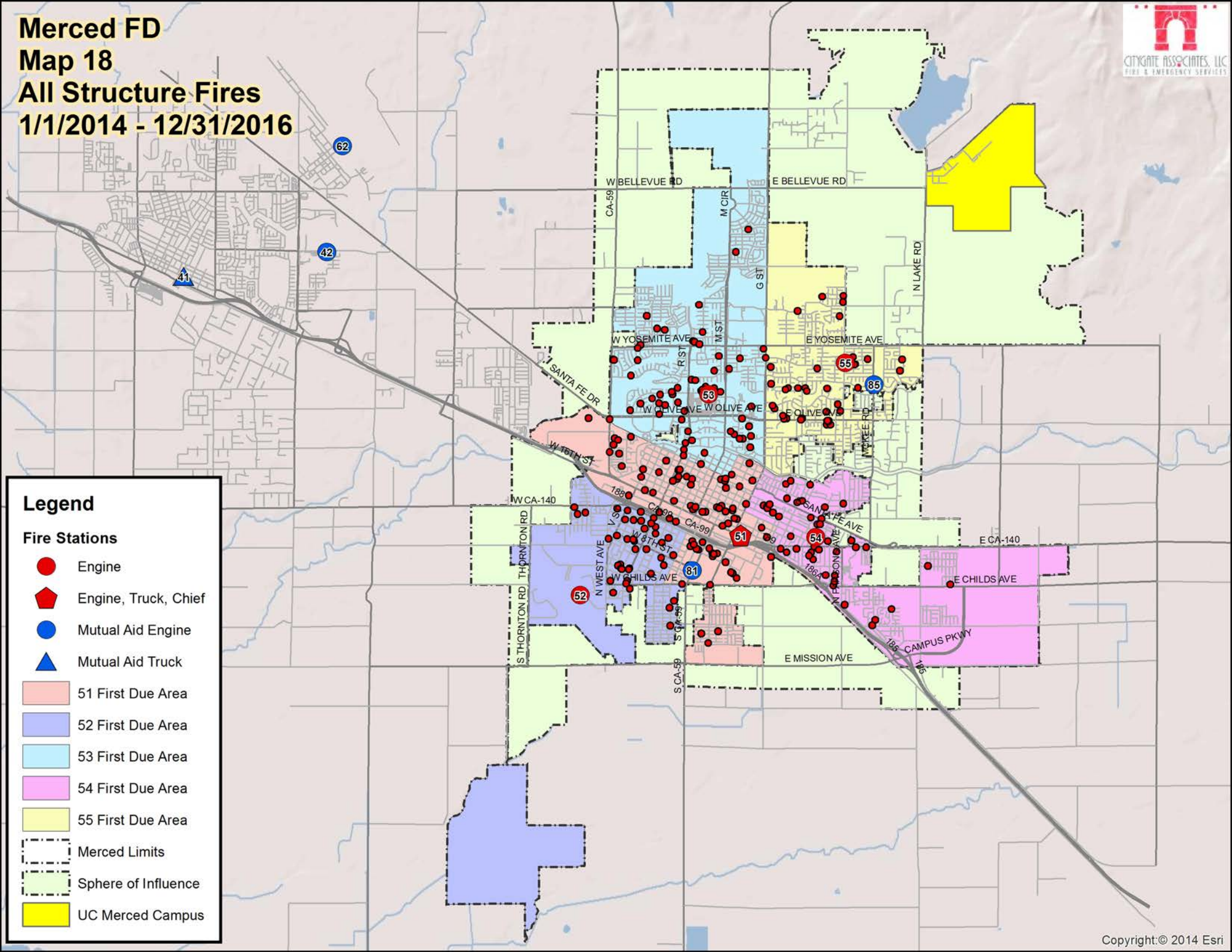


Merced FD Map 18 All Structure Fires 1/1/2014 - 12/31/2016

Legend

Fire Stations

- Engine
- ◆ Engine, Truck, Chief
- Mutual Aid Engine
- ▲ Mutual Aid Truck
- 51 First Due Area
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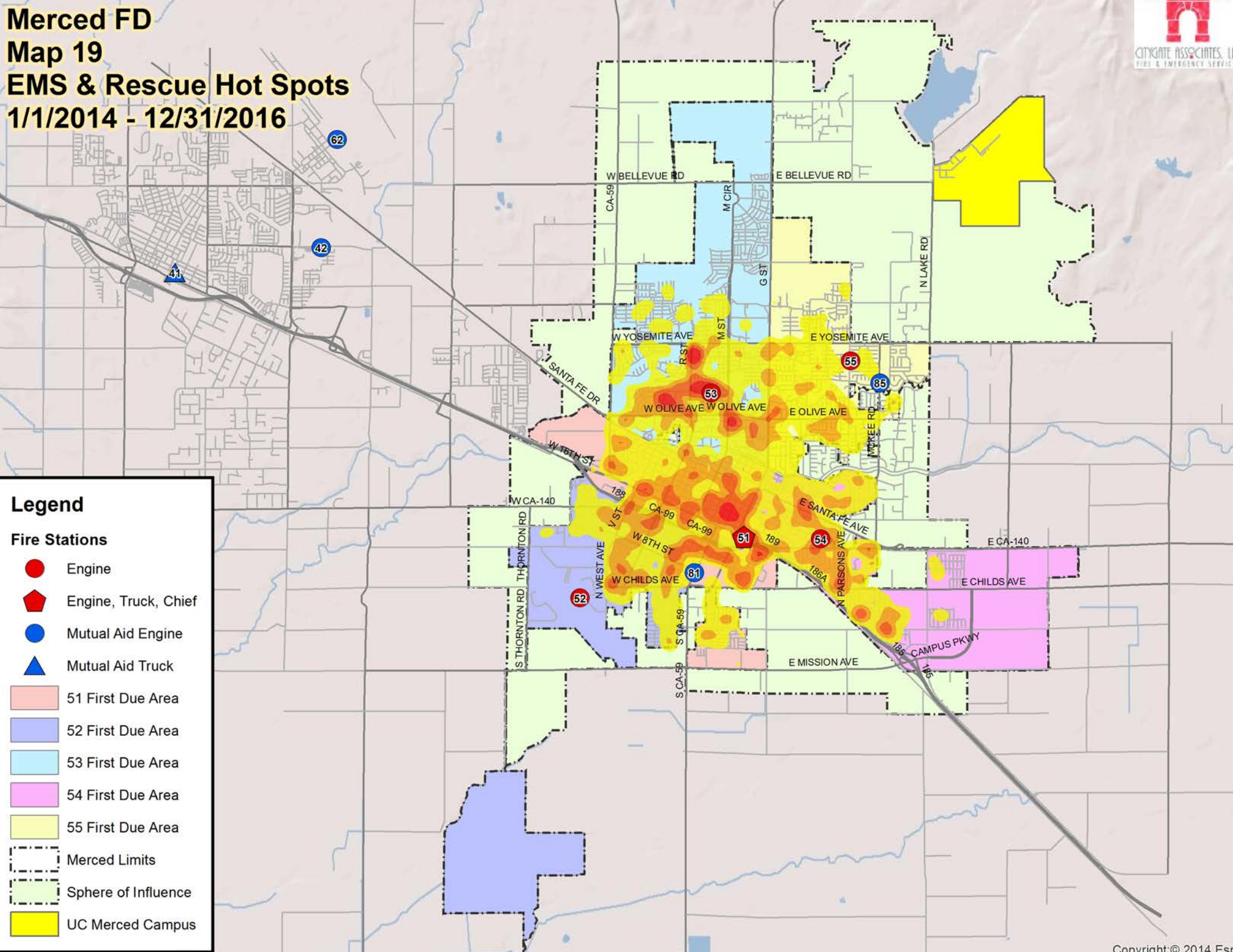


Merced FD Map 19 EMS & Rescue Hot Spots 1/1/2014 - 12/31/2016

Legend

Fire Stations

- Engine
- ◆ Engine, Truck, Chief
- Mutual Aid Engine
- ▲ Mutual Aid Truck
- 51 First Due Area
- 52 First Due Area
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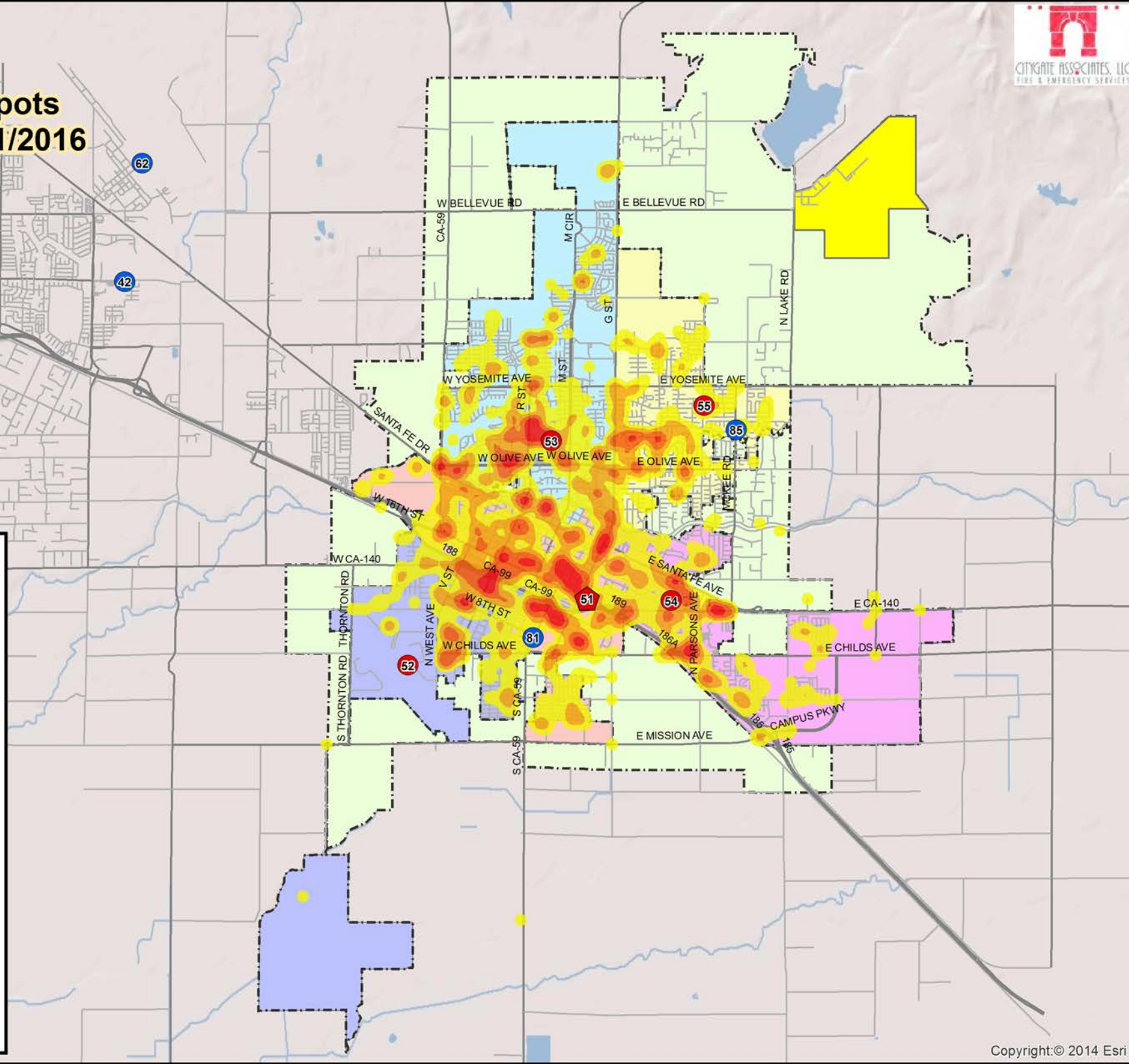


Merced FD Map 20 All Fires Hot Spots 1/1/2014 - 12/31/2016

Legend

Fire Stations

- Engine
- ◆ Engine, Truck, Chief
- Mutual Aid Engine
- ▲ Mutual Aid Truck
- 51 First Due Area
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Merced FD Map 21 Structure Fires Hot Spots 1/1/2014 - 12/31/2016

Legend

Fire Stations

- Engine
- ◆ Engine, Truck, Chief
- Mutual Aid Engine
- ▲ Mutual Aid Truck

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- 55 First Due Area

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