



CITYGATE ASSOCIATES, LLC
FIRE & EMERGENCY SERVICES



SAN DIEGO FIRE-RESCUE DEPARTMENT VOLUME 3 OF 3 - MAP ATLAS

STANDARDS OF RESPONSE COVER REVIEW

FEBRUARY 22, 2017



CITYGATE ASSOCIATES, LLC

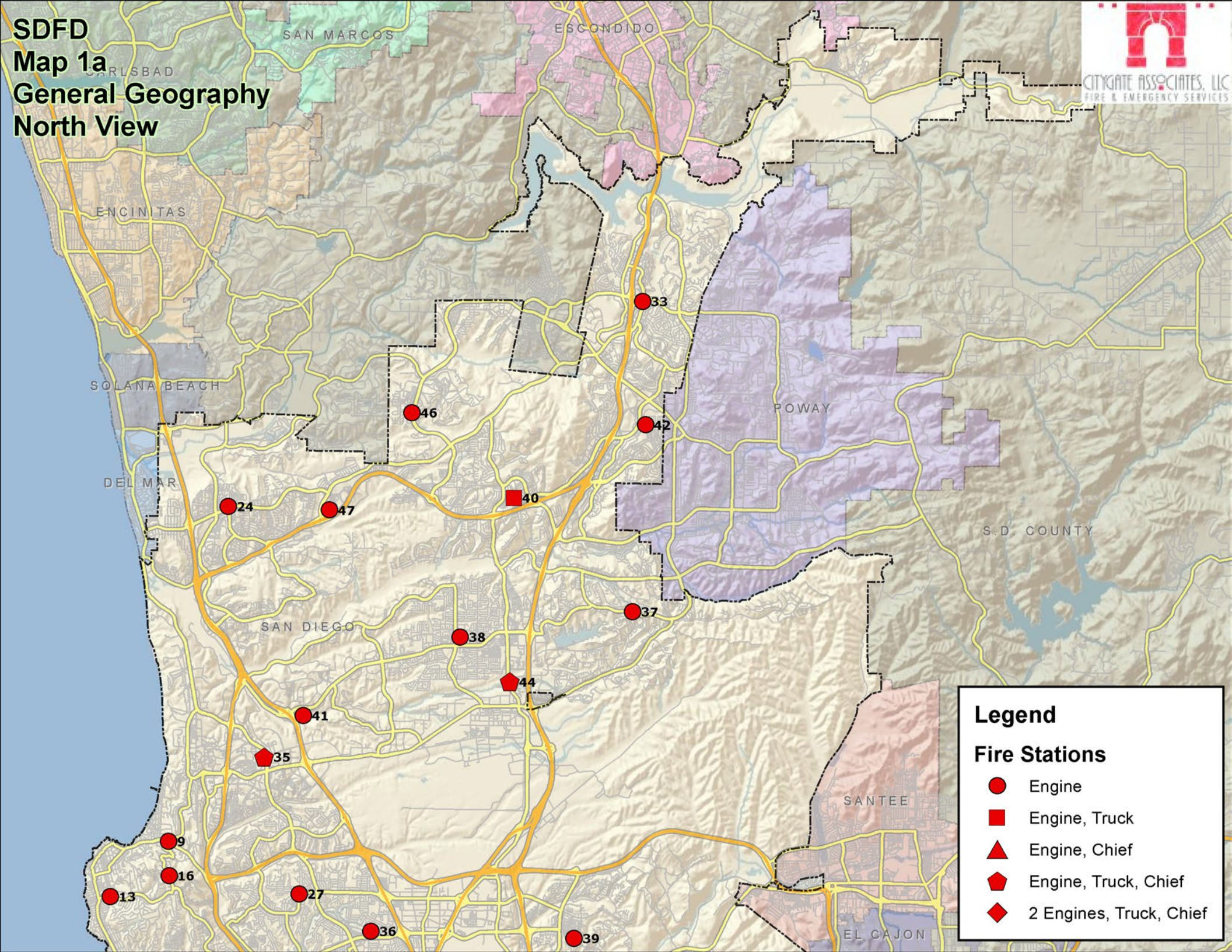
WWW.CITYGATEASSOCIATES.COM

2250 EAST BIDWELL ST., STE. 100
FOLSOM, CA 95630

PHONE: (916) 458-5100
FAX: (916) 983-2090



SDFD Map 1a General Geography North View

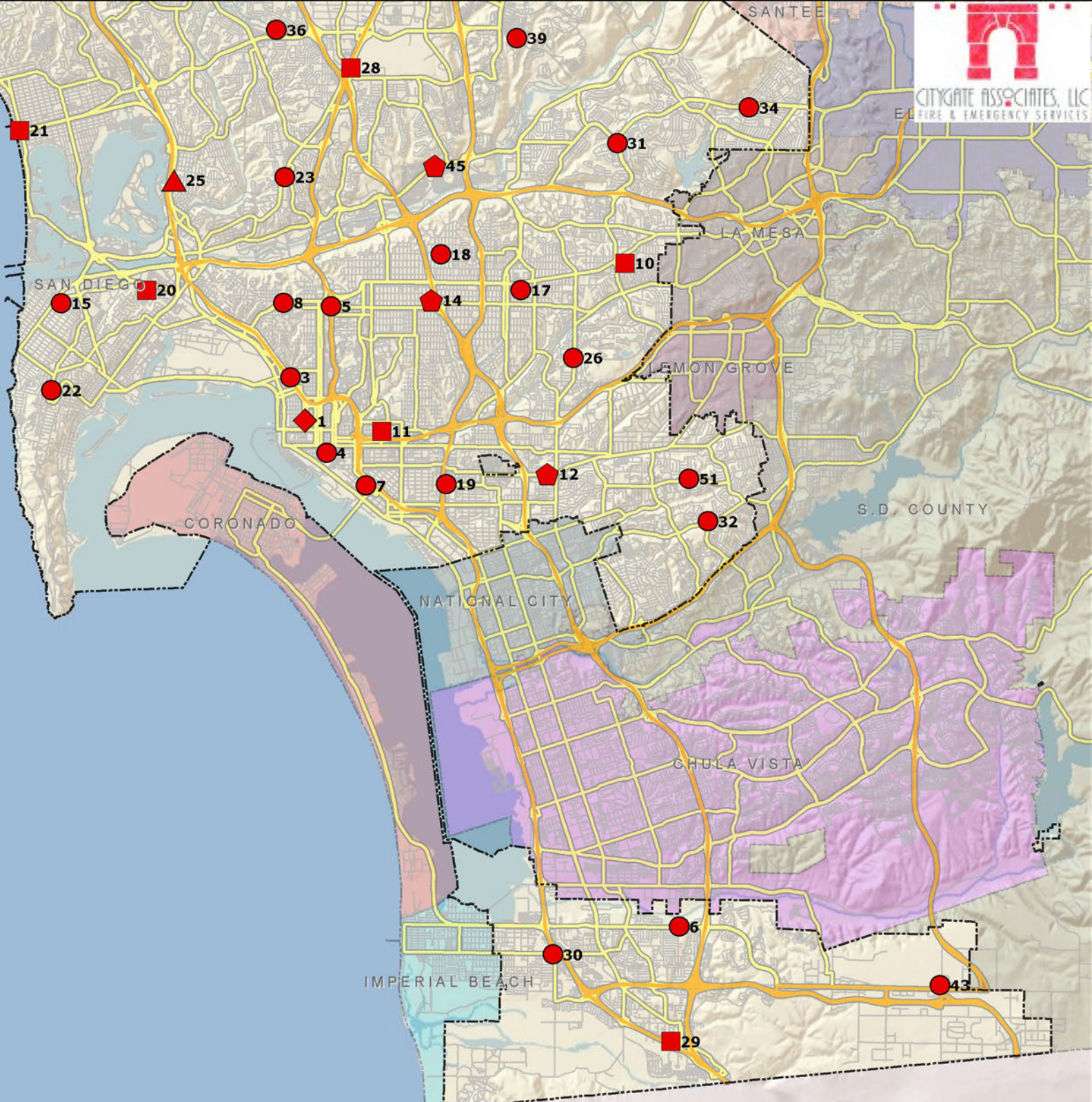


Legend

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ⬠ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

**SDFD
Map 1b
General Geography
South View**



Legend

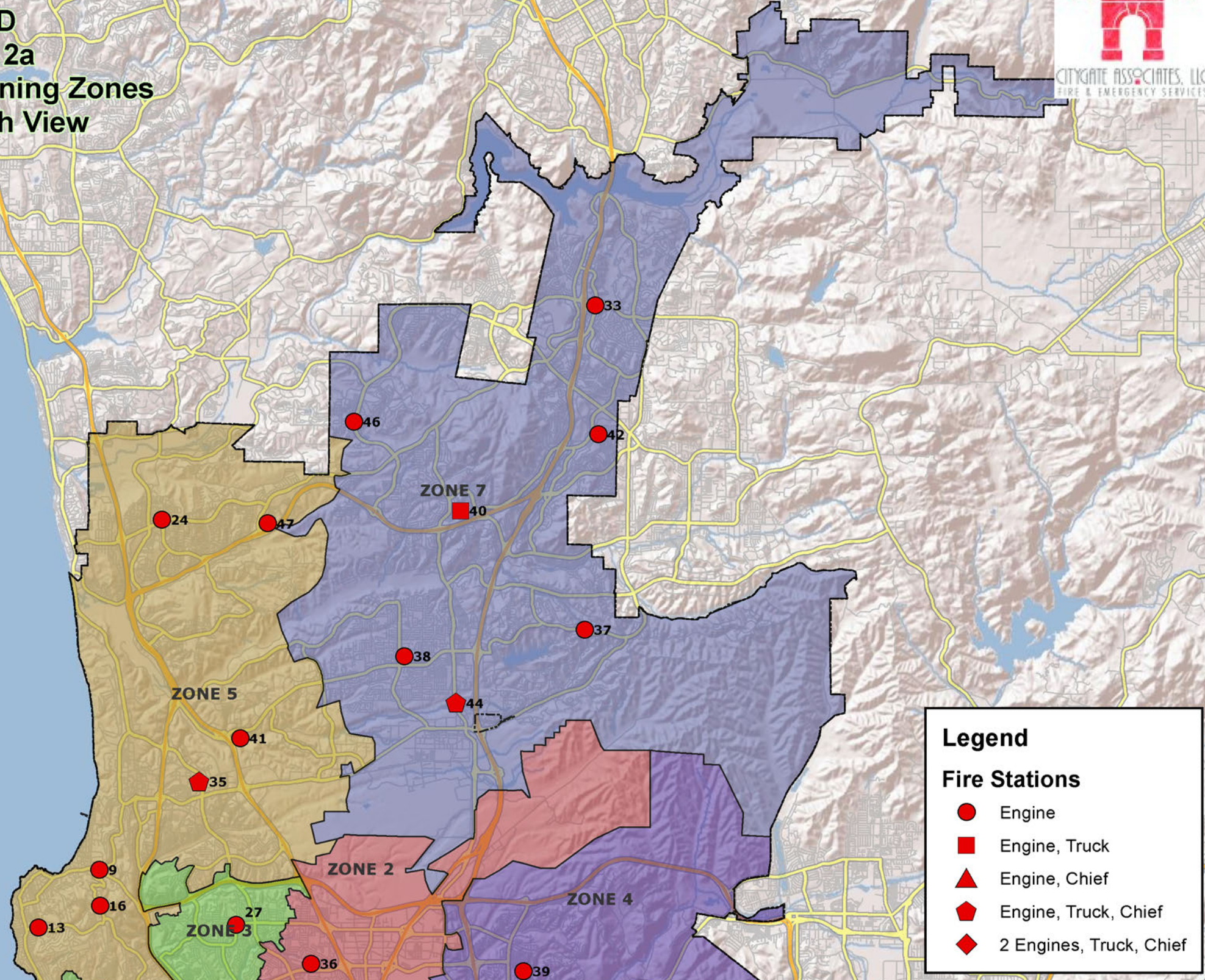
Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ◆ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

SDFD
Map 2a
Planning Zones
North View



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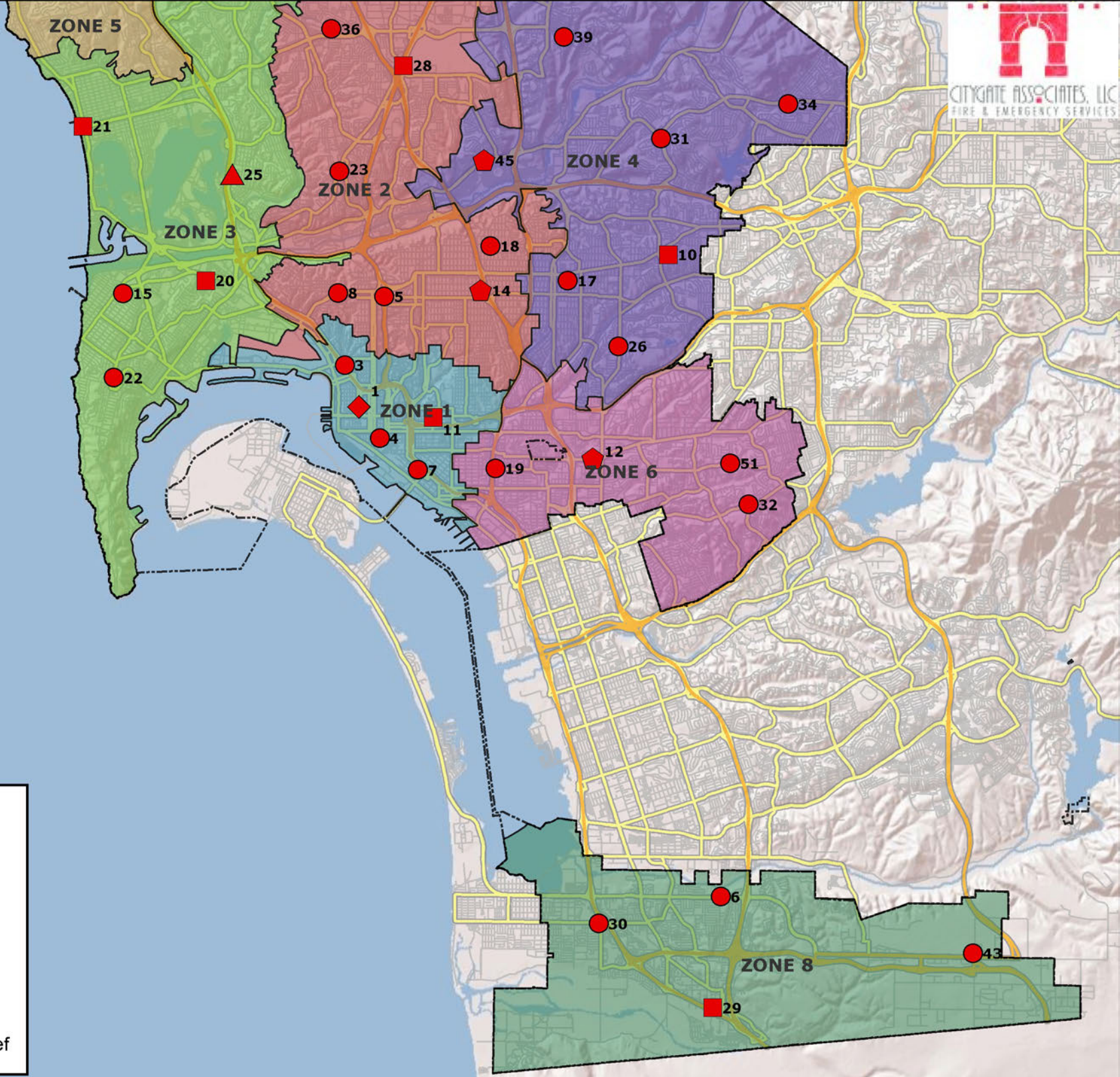


Legend

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ⬠ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

**SDFD
Map 2b
Planning Zones
South View**



Legend

Fire Stations

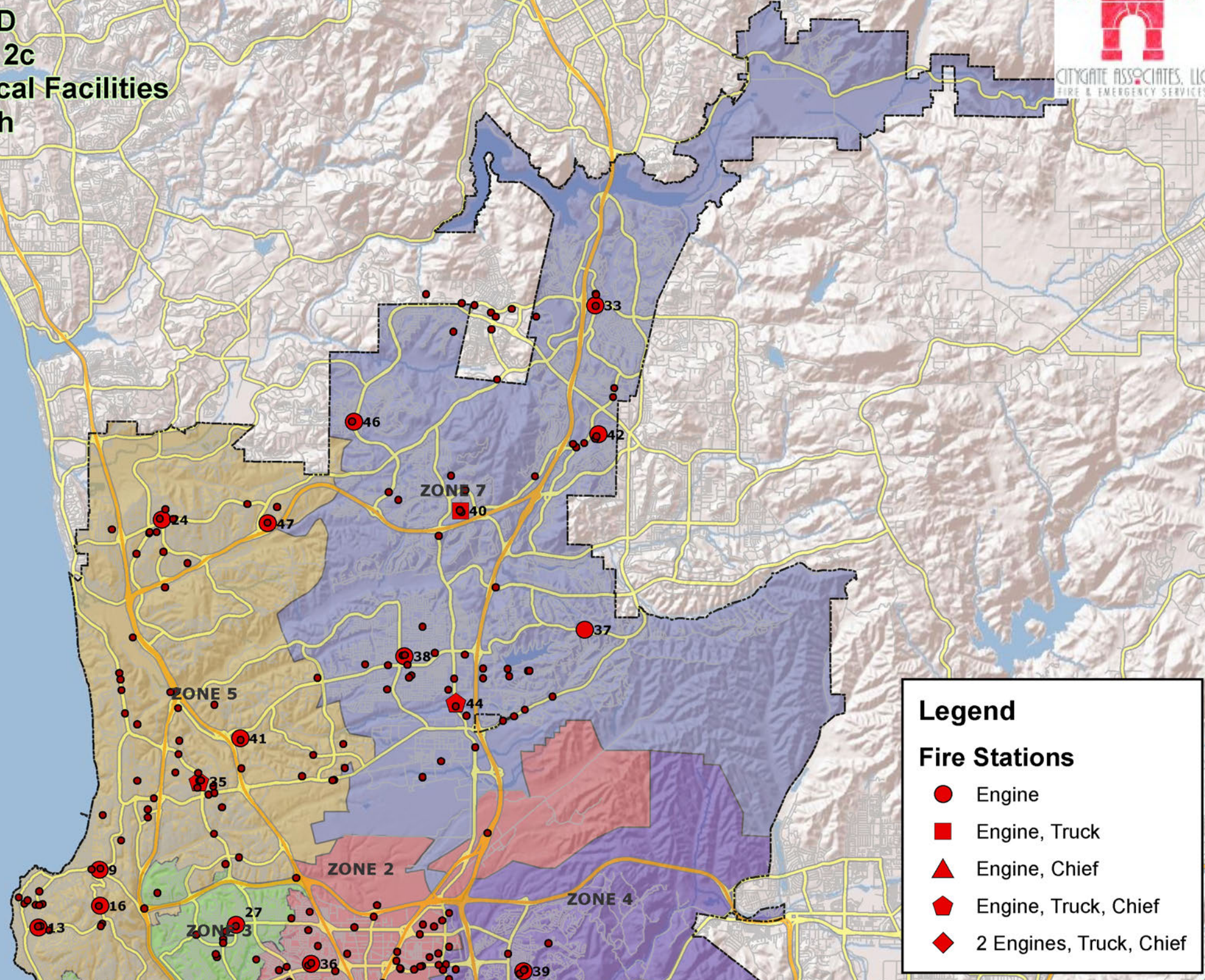
- Engine
- Engine, Truck
- ▲ Engine, Chief
- ◆ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

- | | |
|---|-------------------------|
| ● | Engine |
| ■ | Engine, Truck |
| ▲ | Engine, Chief |
| ◆ | Engine, Truck, Chief |
| ◆ | 2 Engines, Truck, Chief |

SDFD
Map 2c
Critical Facilities
North



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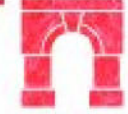


Legend

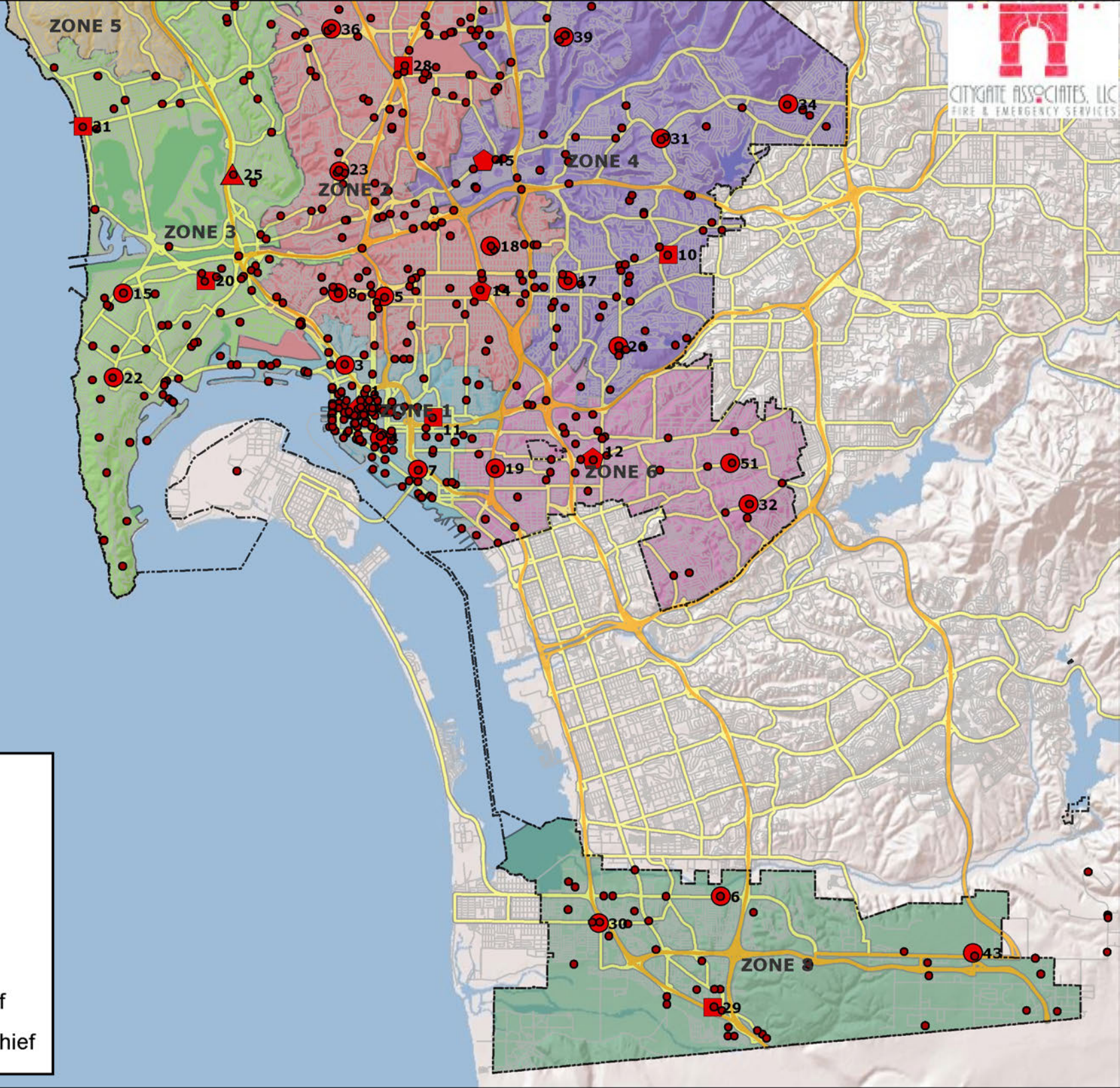
Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ◆ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

SDFD Map 2d Critical Facilities South



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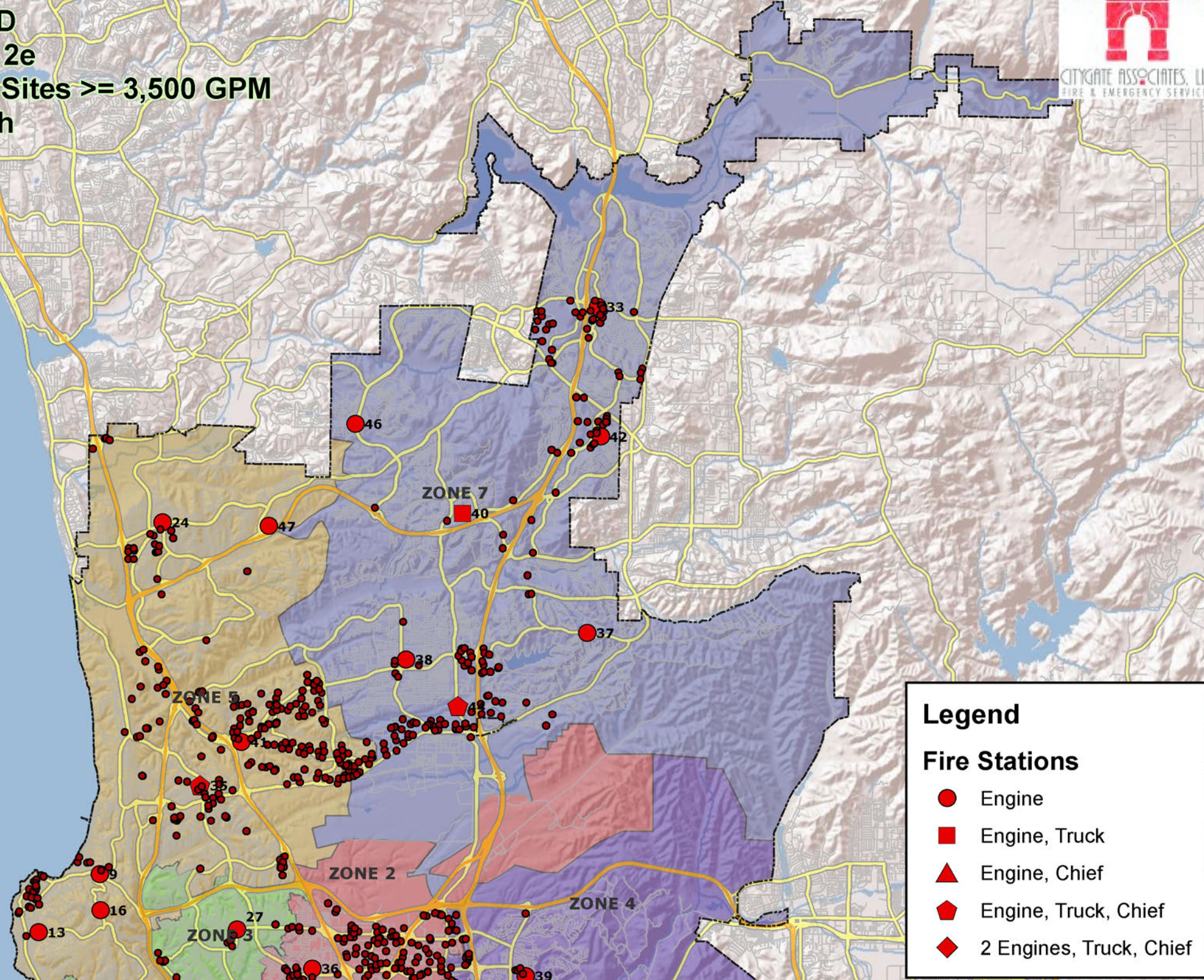


Legend

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ⬠ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

SDFD
Map 2e
NFF Sites \geq 3,500 GPM
North

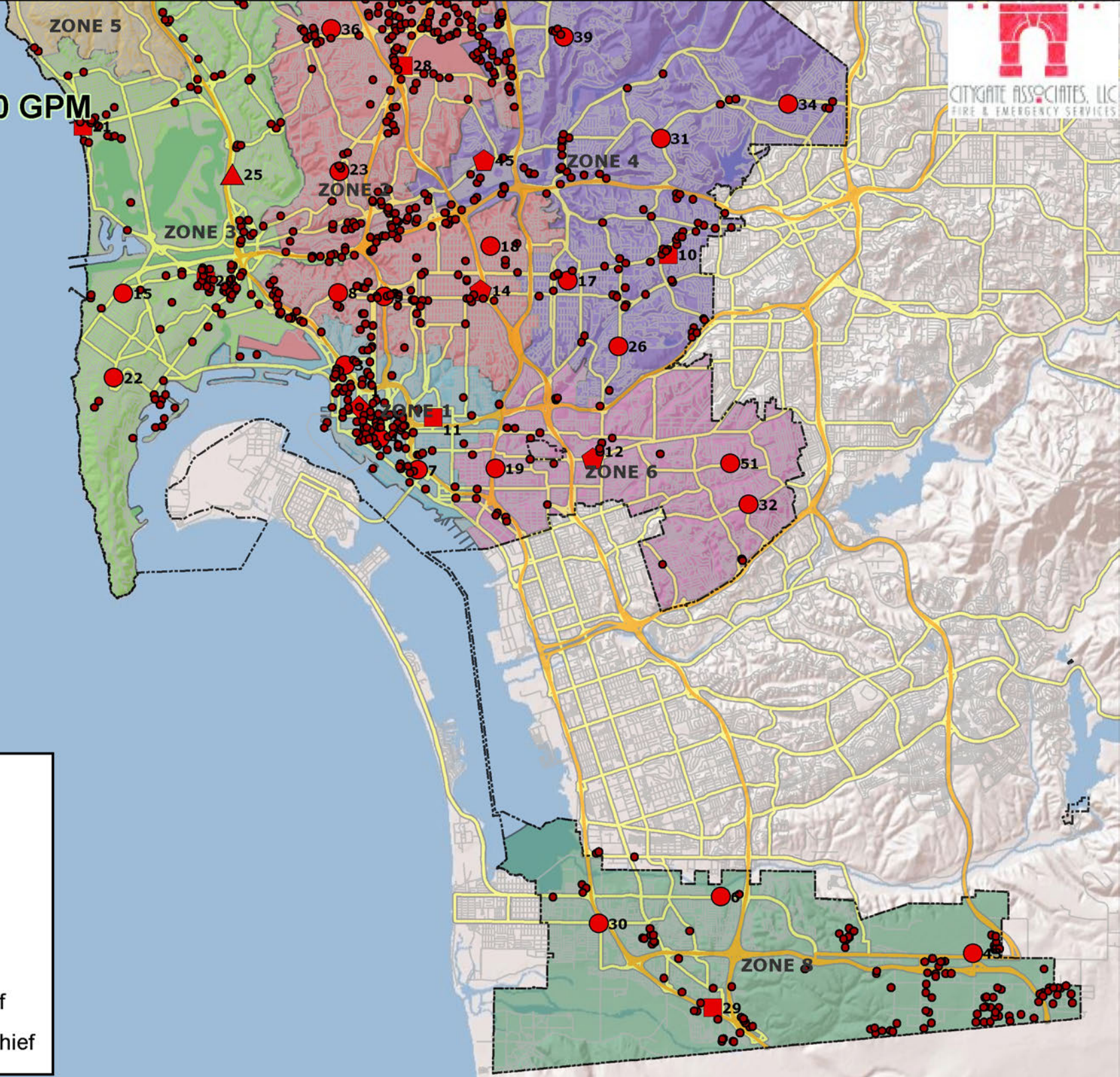


Legend

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ⬠ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

SDFD
Map 2f
NFF Sites \geq 3,500 GPM
South

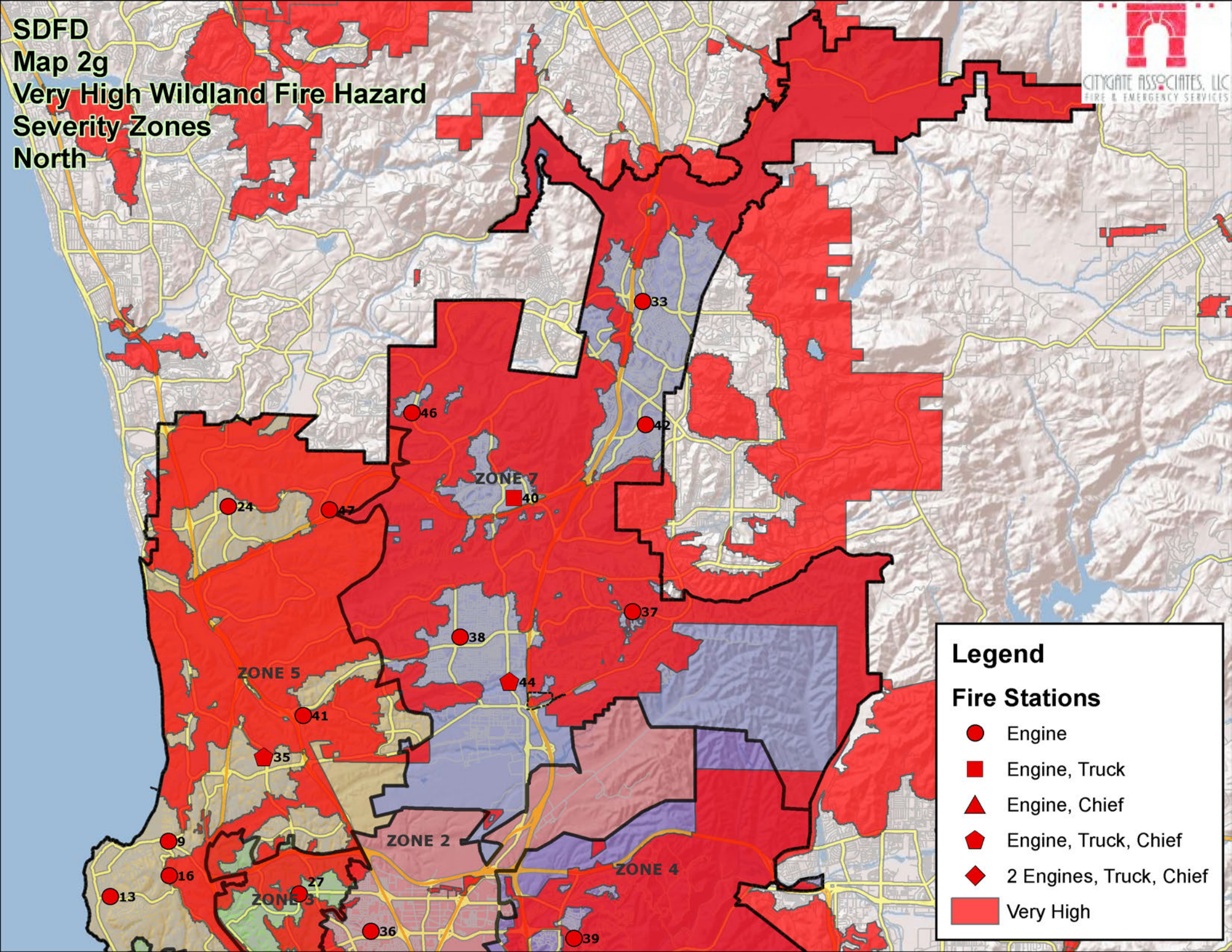


Legend

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ◆ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

SDFD
Map 2g
Very High Wildland Fire Hazard
Severity Zones
North

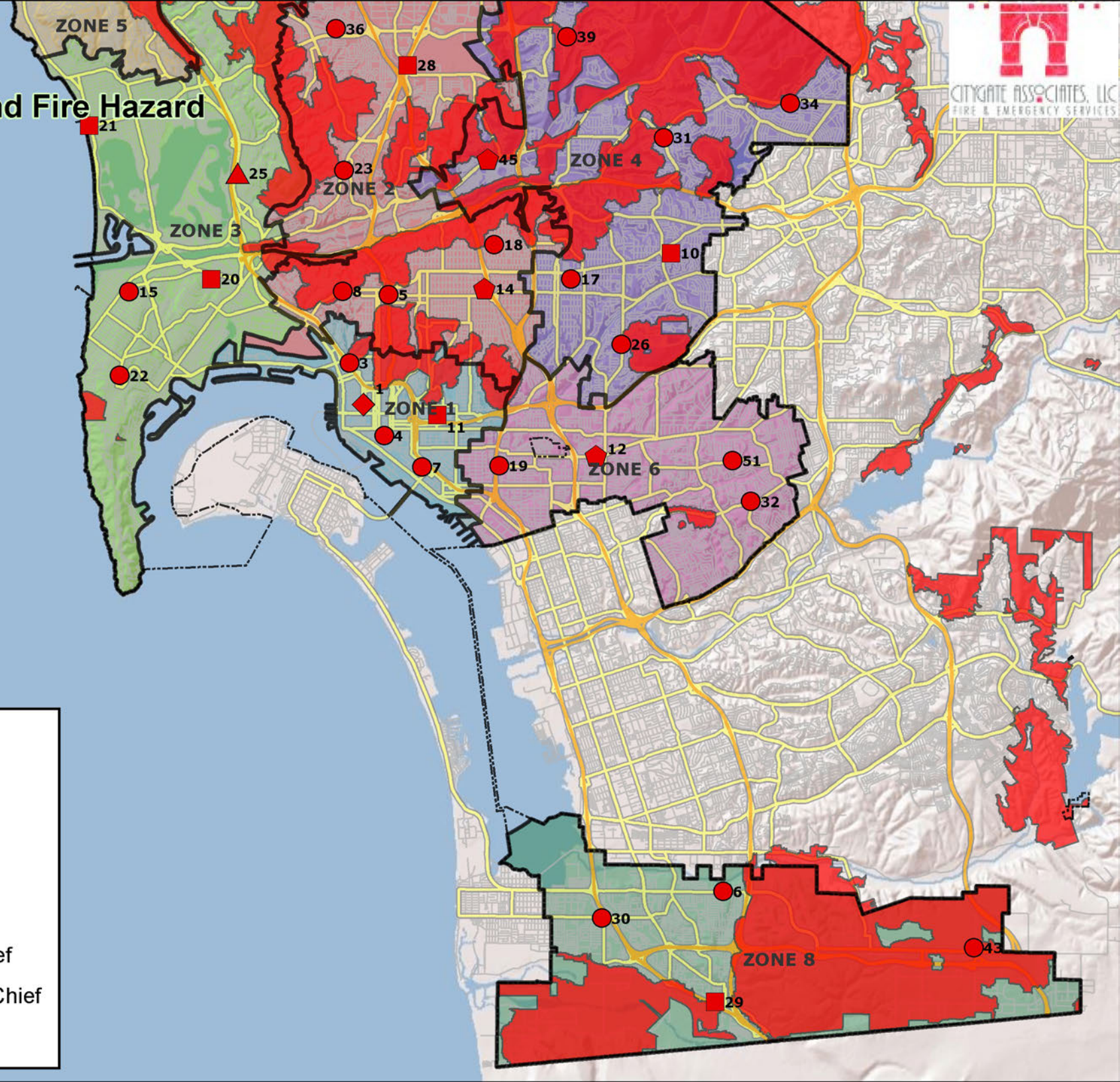


Legend

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ◆ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief
- Very High

SDFD
Map 2h
Very High Wildland Fire Hazard
Severity Zones
South

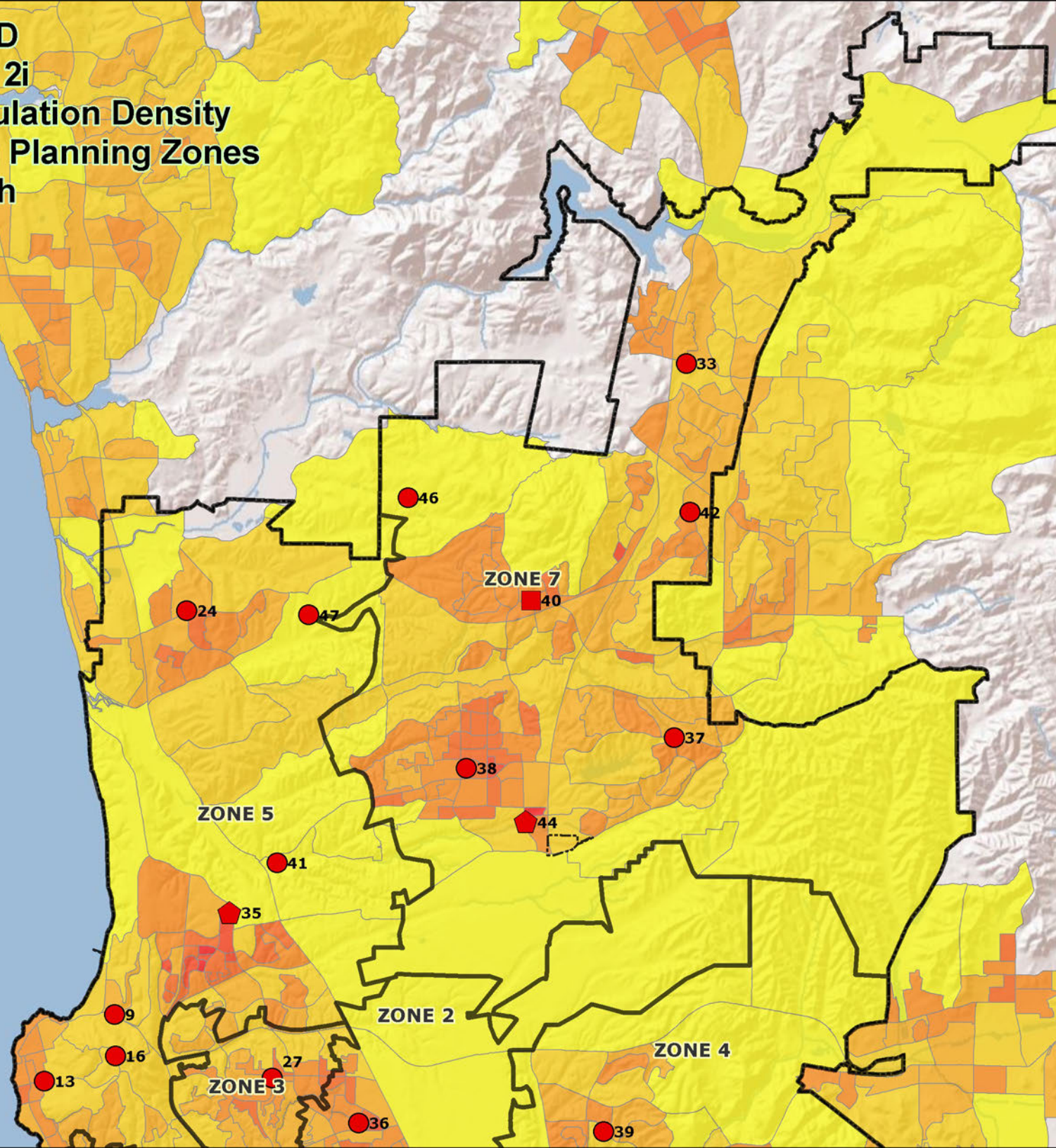


Legend

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ⬠ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief
- Very High

SDFD Map 2i Population Density With Planning Zones North



Legend

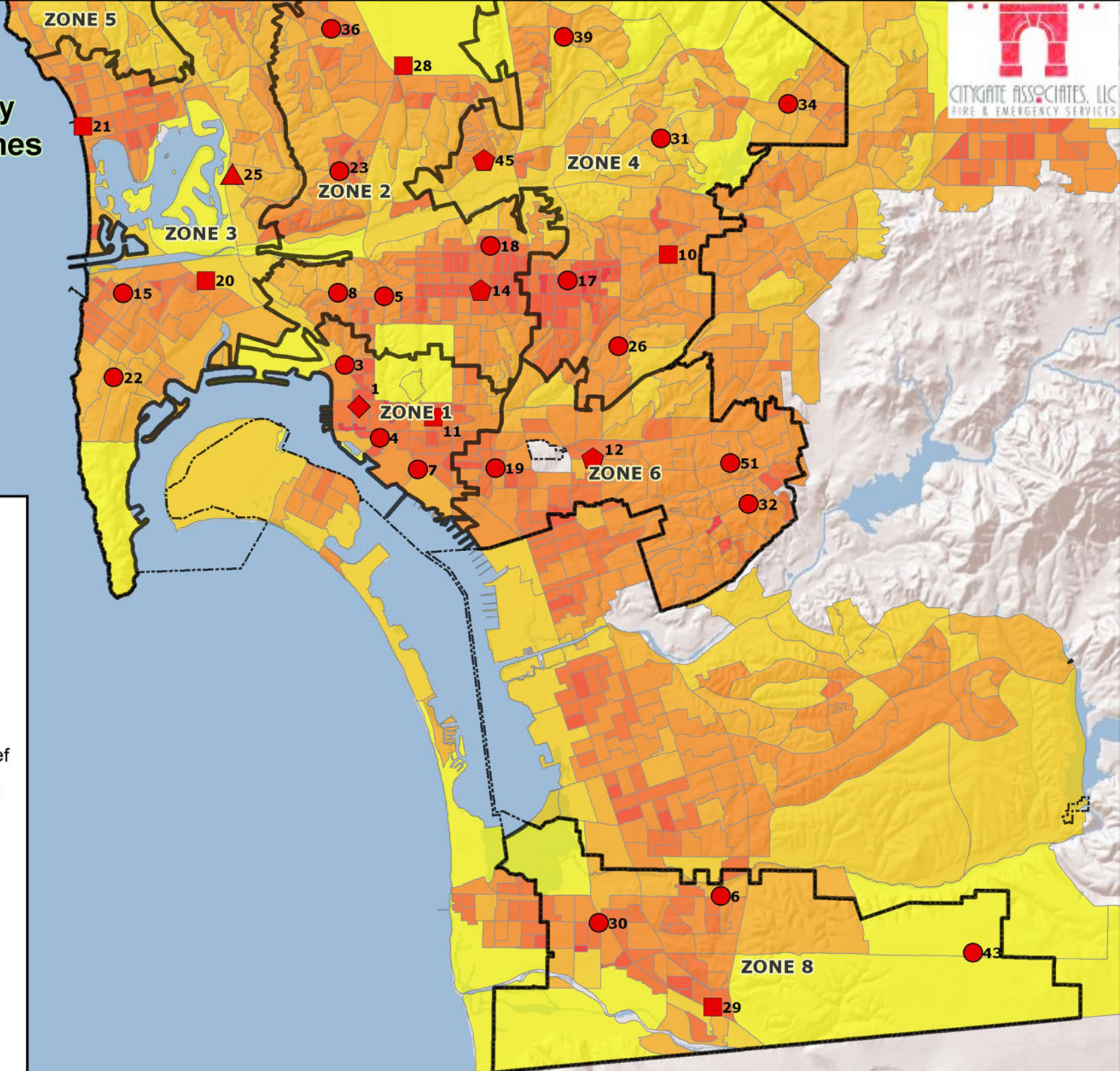
Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ⬠ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

Population per Sq. Mile

- 0 - 1000
- 1001 - 2500
- 2501 - 4327
- 4328 - 8395
- 8396 - 14402
- 14403 - 25786
- 25787 - 56083

SDFD Map 2j Population Density With Planning Zones South



Legend

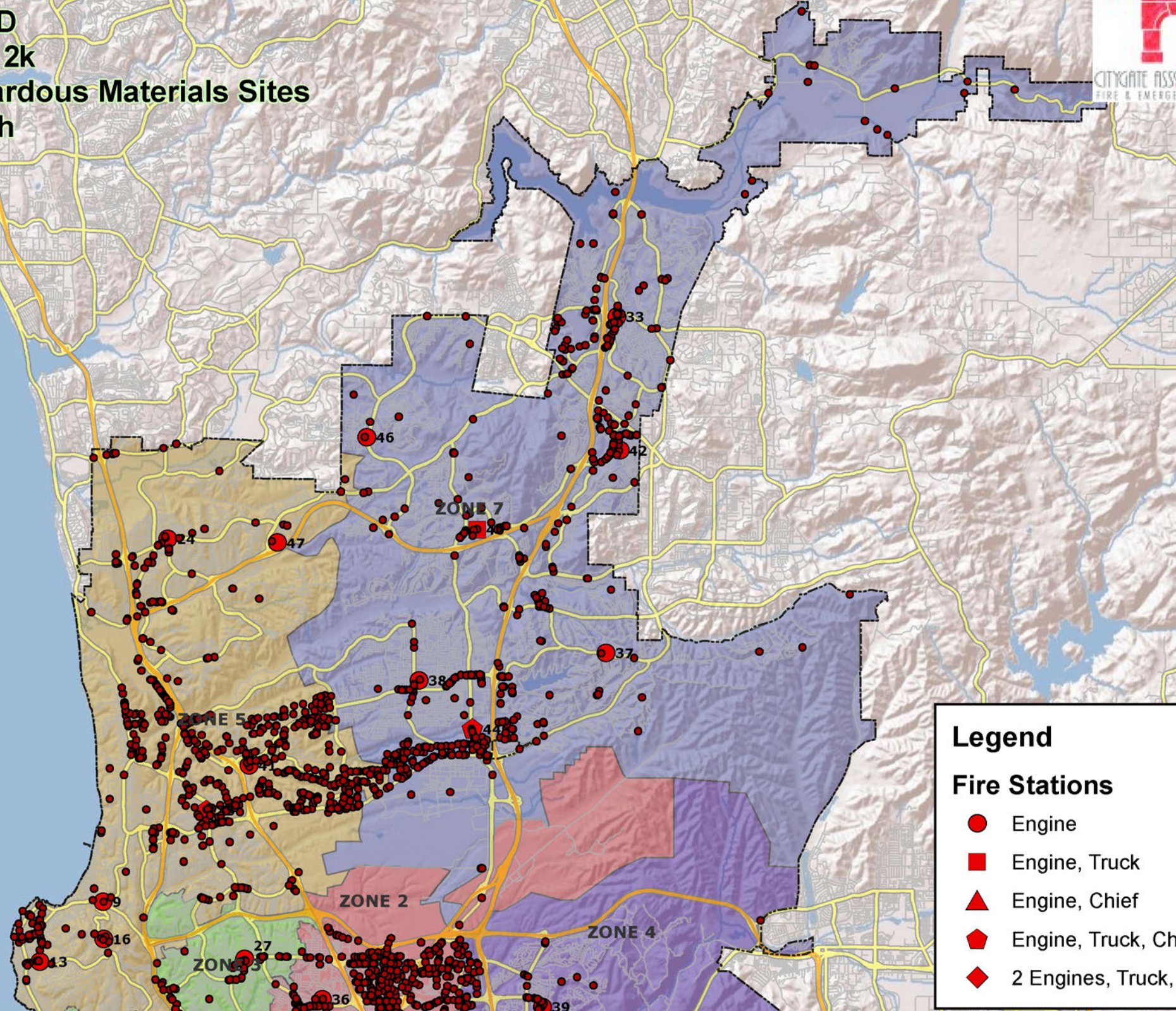
Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ◆ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

Population per Sq. Mile

- 0 - 1000
- 1001 - 2500
- 2501 - 4327
- 4328 - 8395
- 8396 - 14402
- 14403 - 25786
- 25787 - 56083

SDFD
Map 2k
Hazardous Materials Sites
North

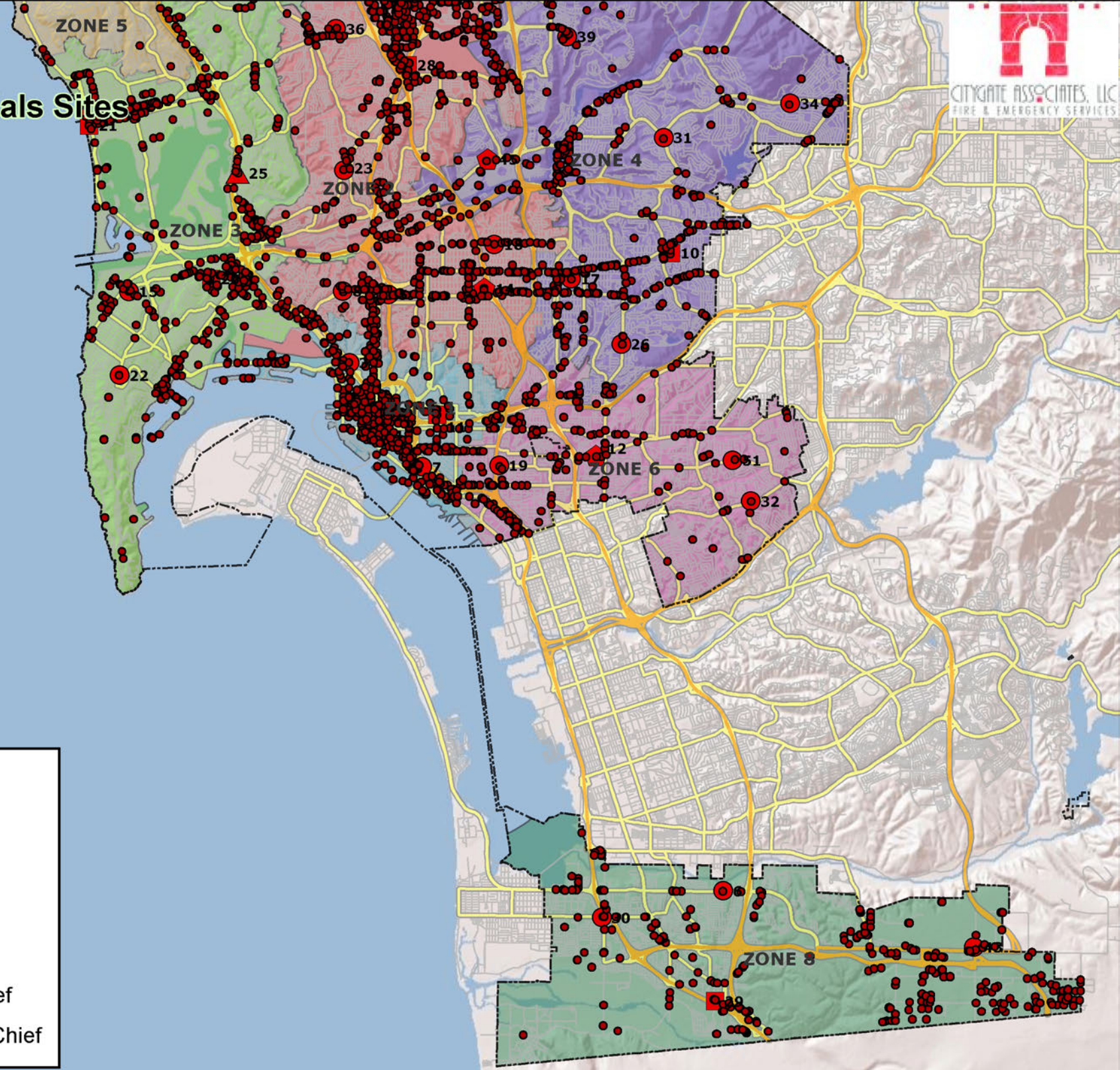


Legend

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ◆ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

SDFD
Map 21
Hazardous Materials Sites
South

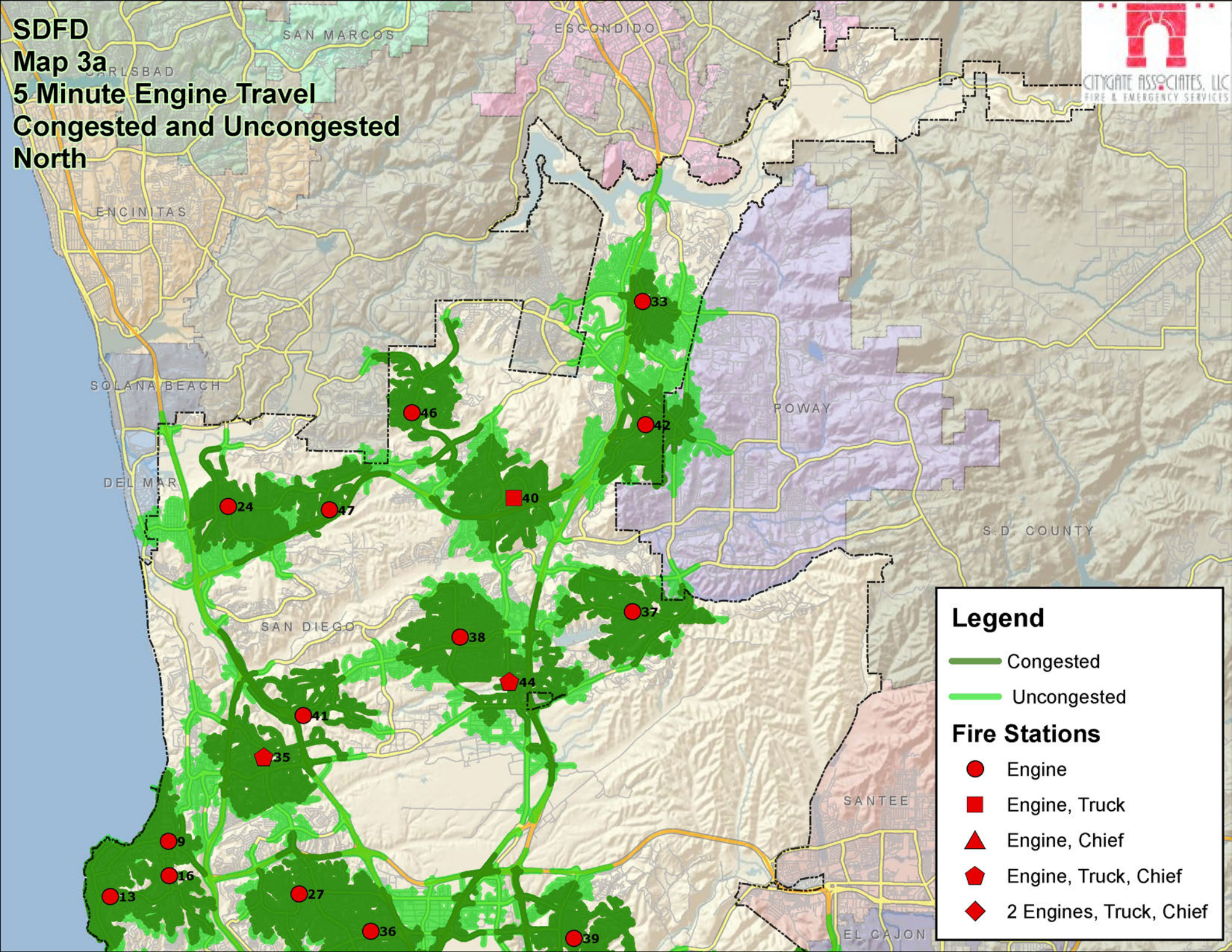


Legend

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ◆ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

SDFD
Map 3a
5 Minute Engine Travel
Congested and Uncongested
North



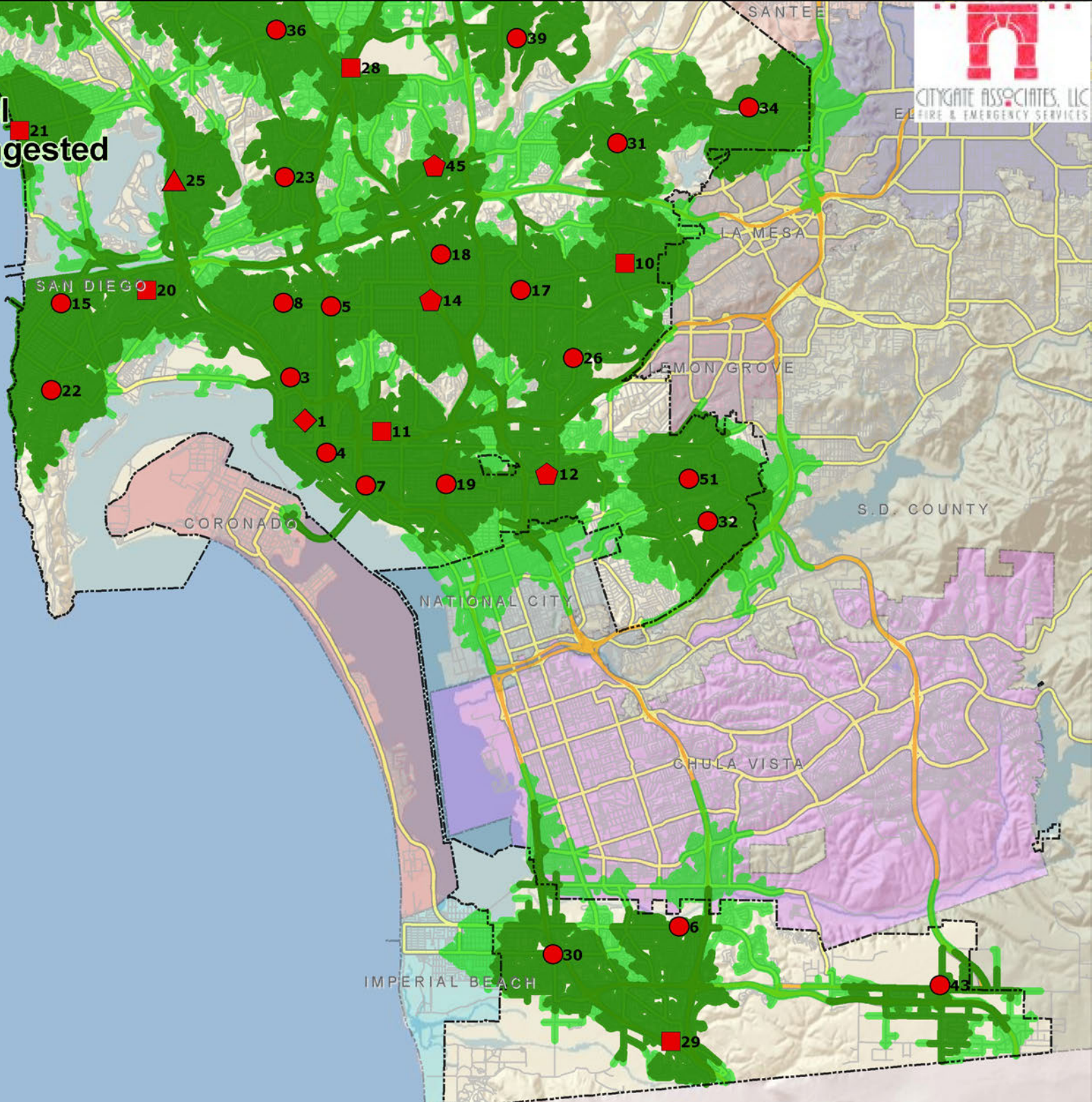
Legend

- Congested
- Uncongested

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ⬠ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

SDFD Map 3b 5 Minute Engine Travel Congested and Uncongested South



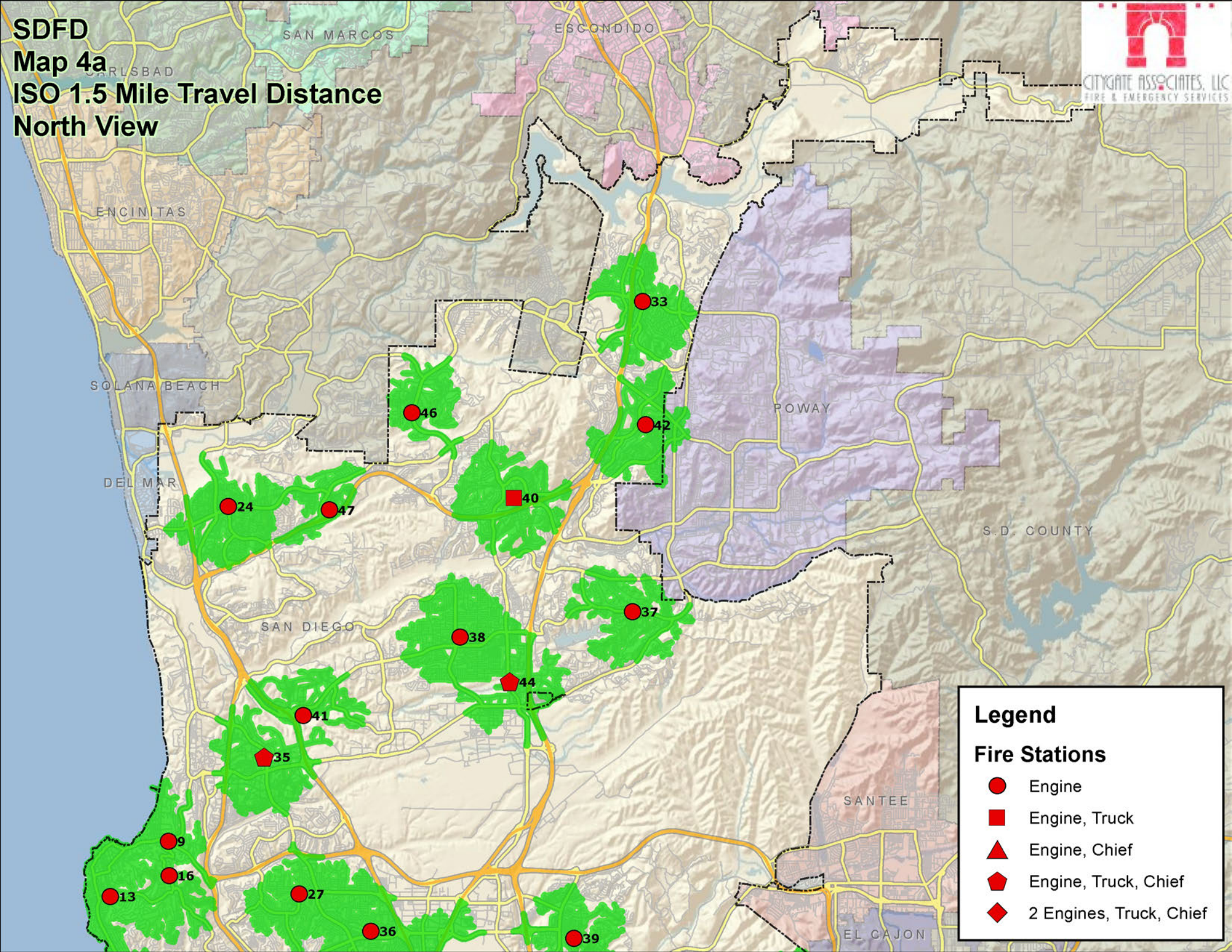
Legend

- Congested
- Uncongested

Fire Stations

- Engine
- Engine, Truck
- Engine, Chief
- Engine, Truck, Chief
- 2 Engines, Truck, Chief

SDFD Map 4a ISO 1.5 Mile Travel Distance North View

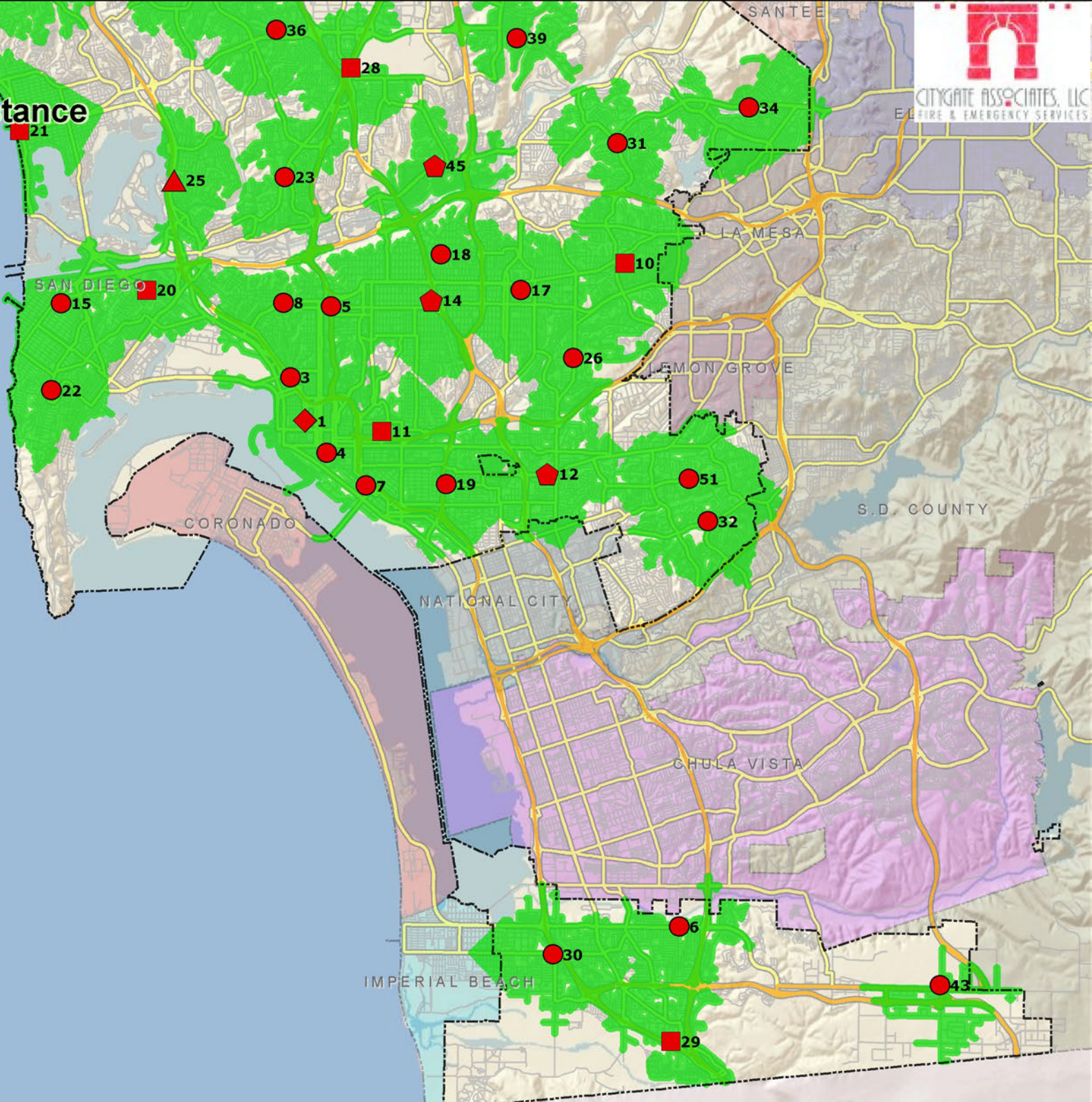


Legend

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ◆ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

**SDFD
Map 4b
ISO 1.5 Mile Travel Distance
South View**

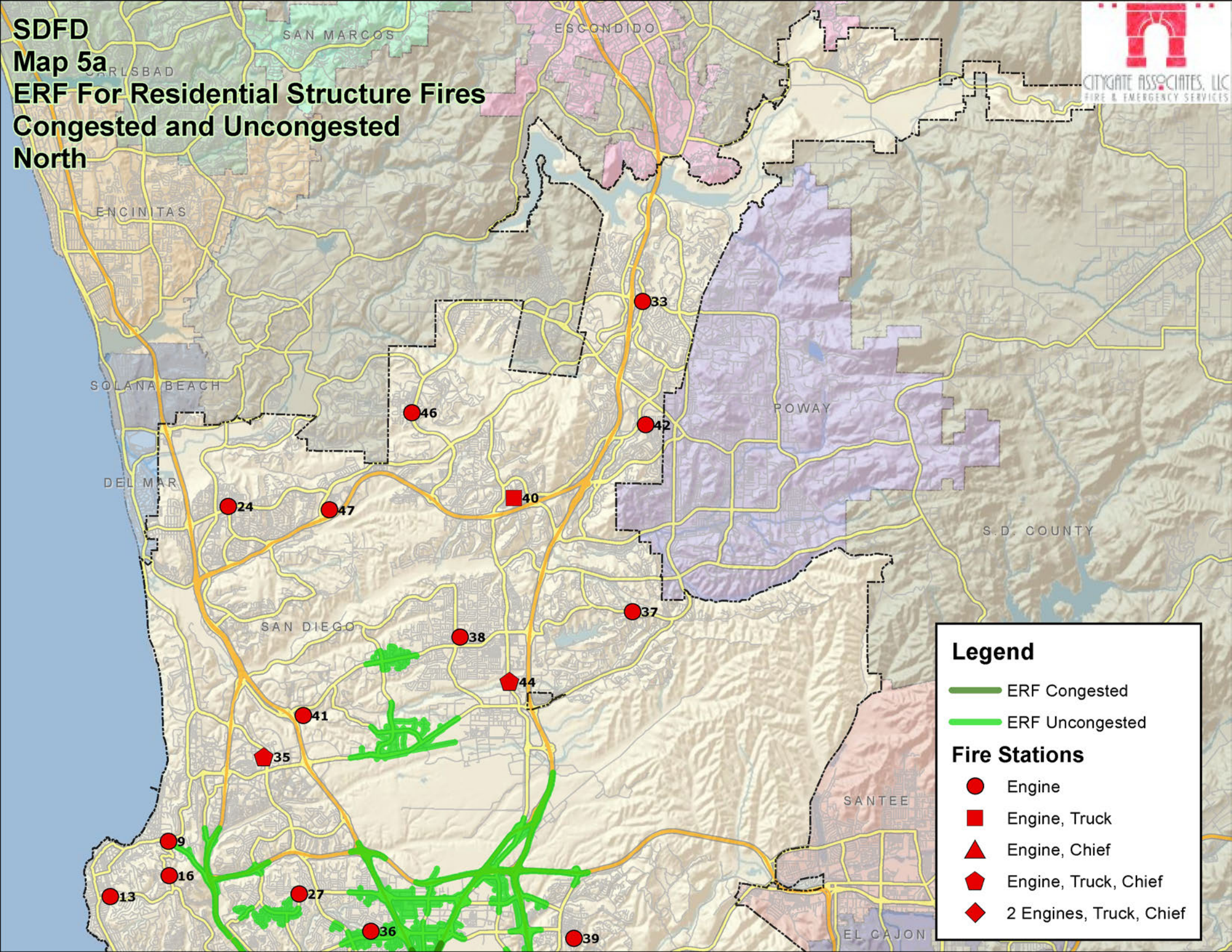


Legend

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ⬠ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

**SDFD
Map 5a
ERF For Residential Structure Fires
Congested and Uncongested
North**



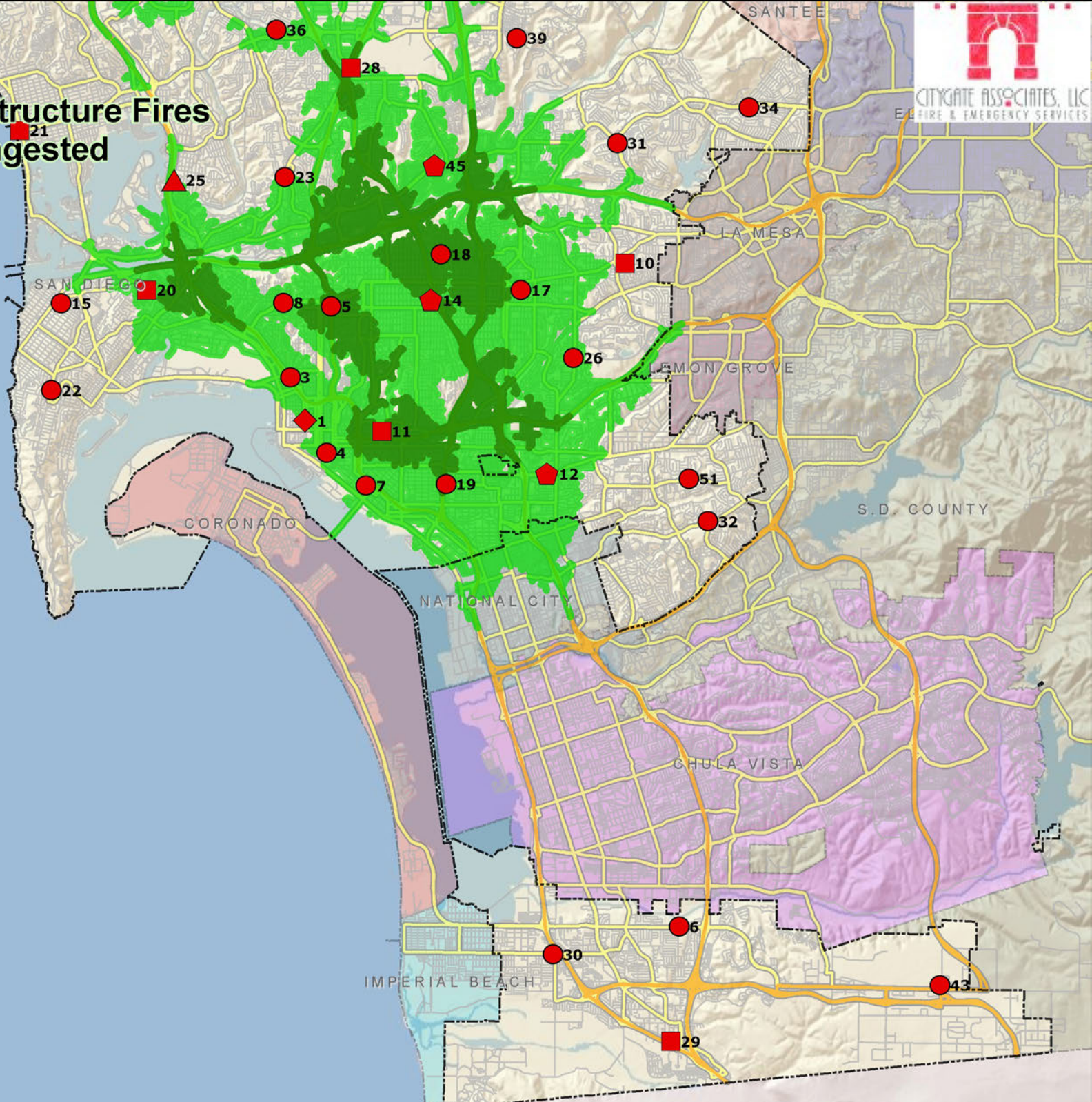
Legend

- ERF Congested
- ERF Uncongested

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ⬠ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

**SDFD
Map 5b
ERF For Residential Structure Fires
Congested and Uncongested
South**



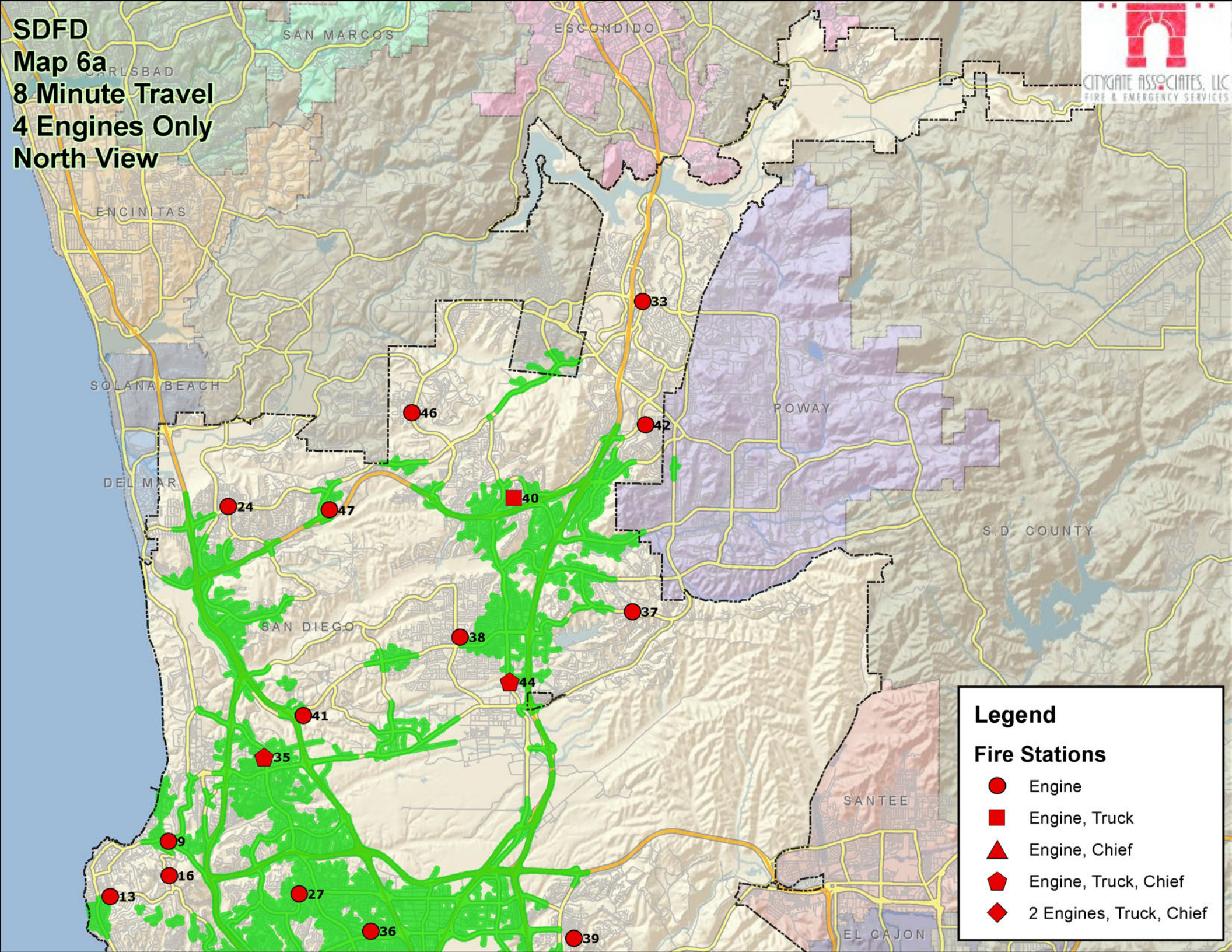
Legend

- ERF Congested
- ERF Uncongested

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ⬠ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

**SDFD
Map 6a
8 Minute Travel
4 Engines Only
North View**

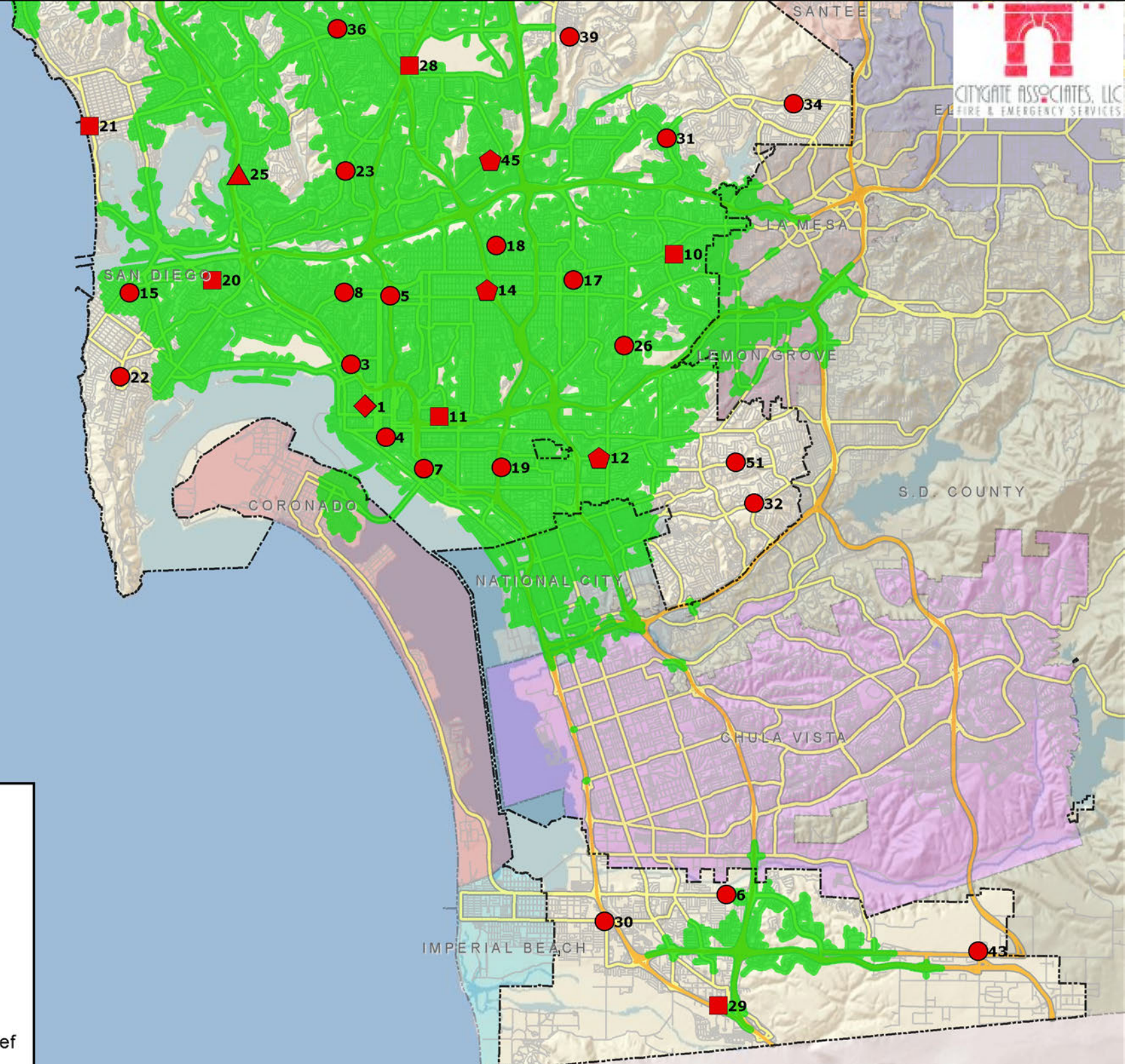


Legend

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ⬠ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

**SDFD
Map 6b
8 Minute Travel
4 Engines Only
South View**

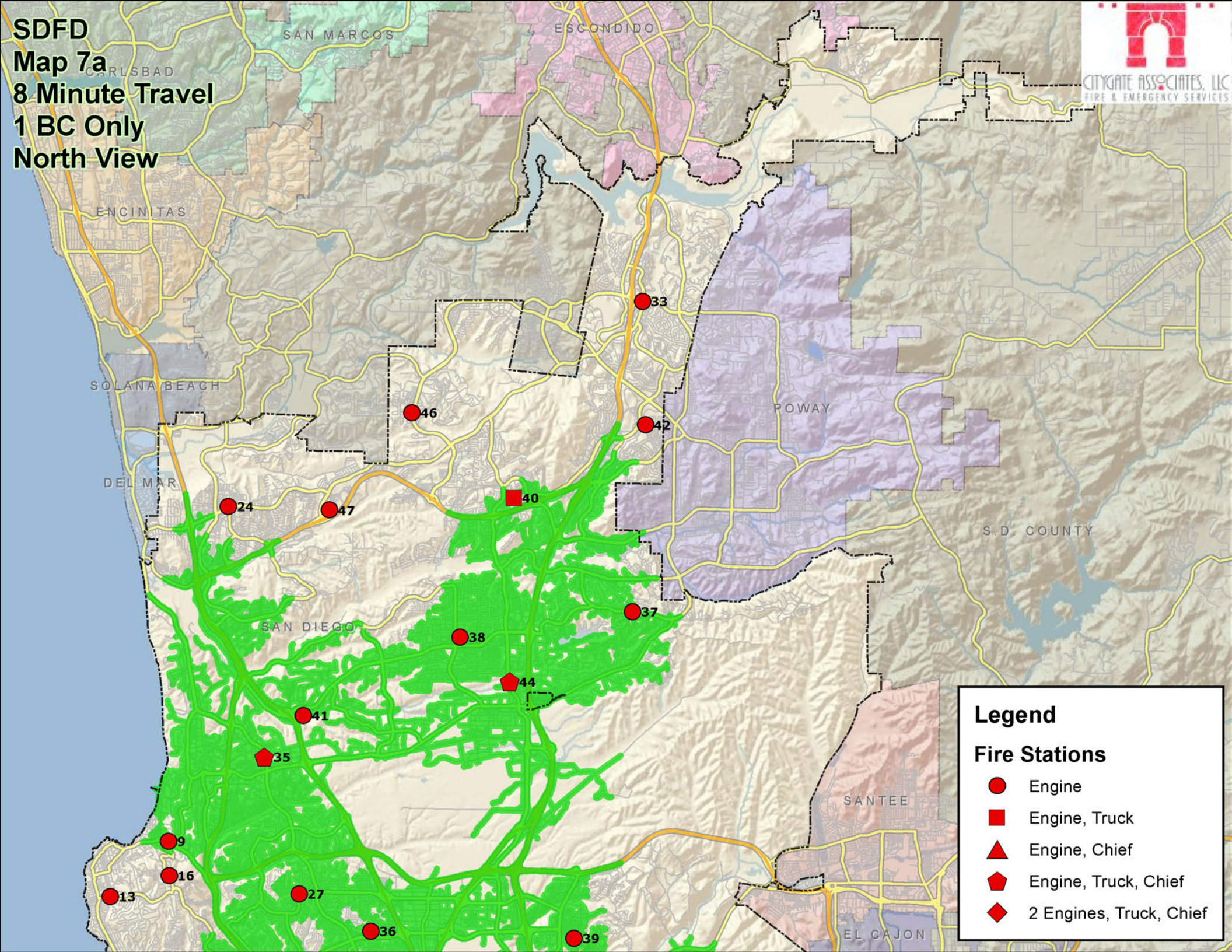


Legend

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ⬠ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

SDFD
Map 7a
8 Minute Travel
1 BC Only
North View

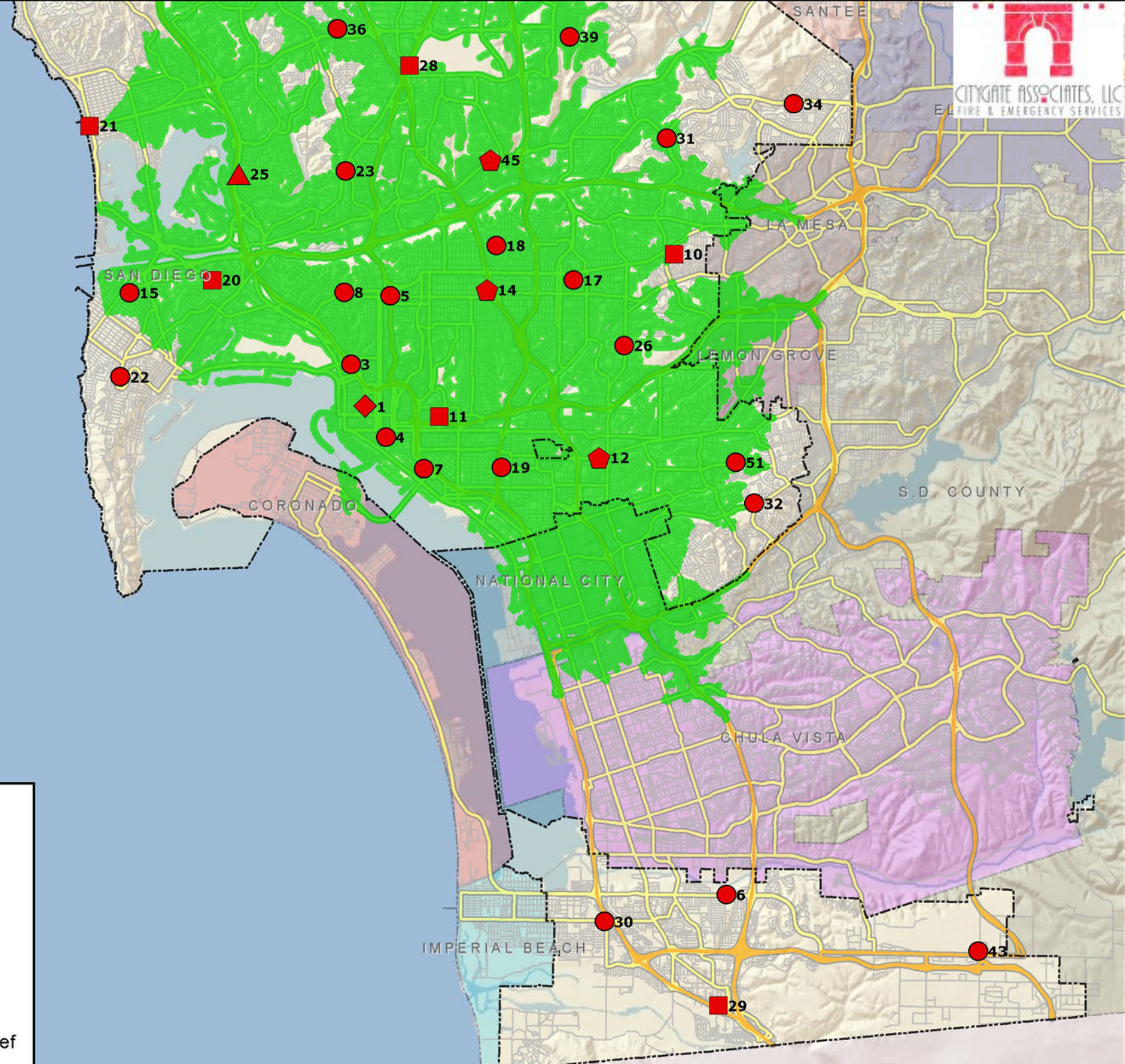


Legend

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ⬠ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

**SDFD
Map 7b
8 Minute Travel
1 BC Only
South View**



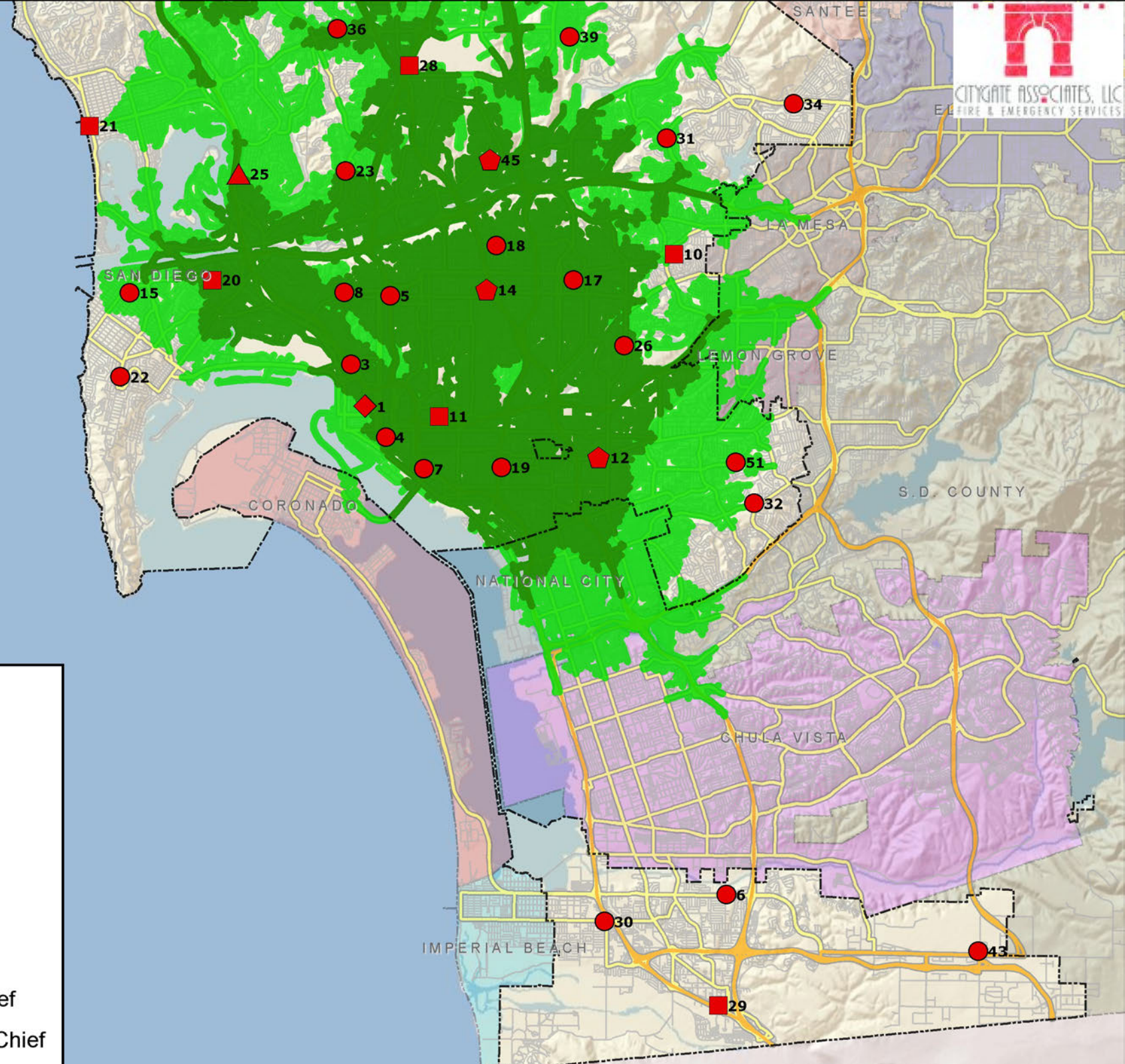
Legend

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ◆ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ◆ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

**SDFD
Map 7c
8 Minute Travel
1 and 2 BCs
South View**



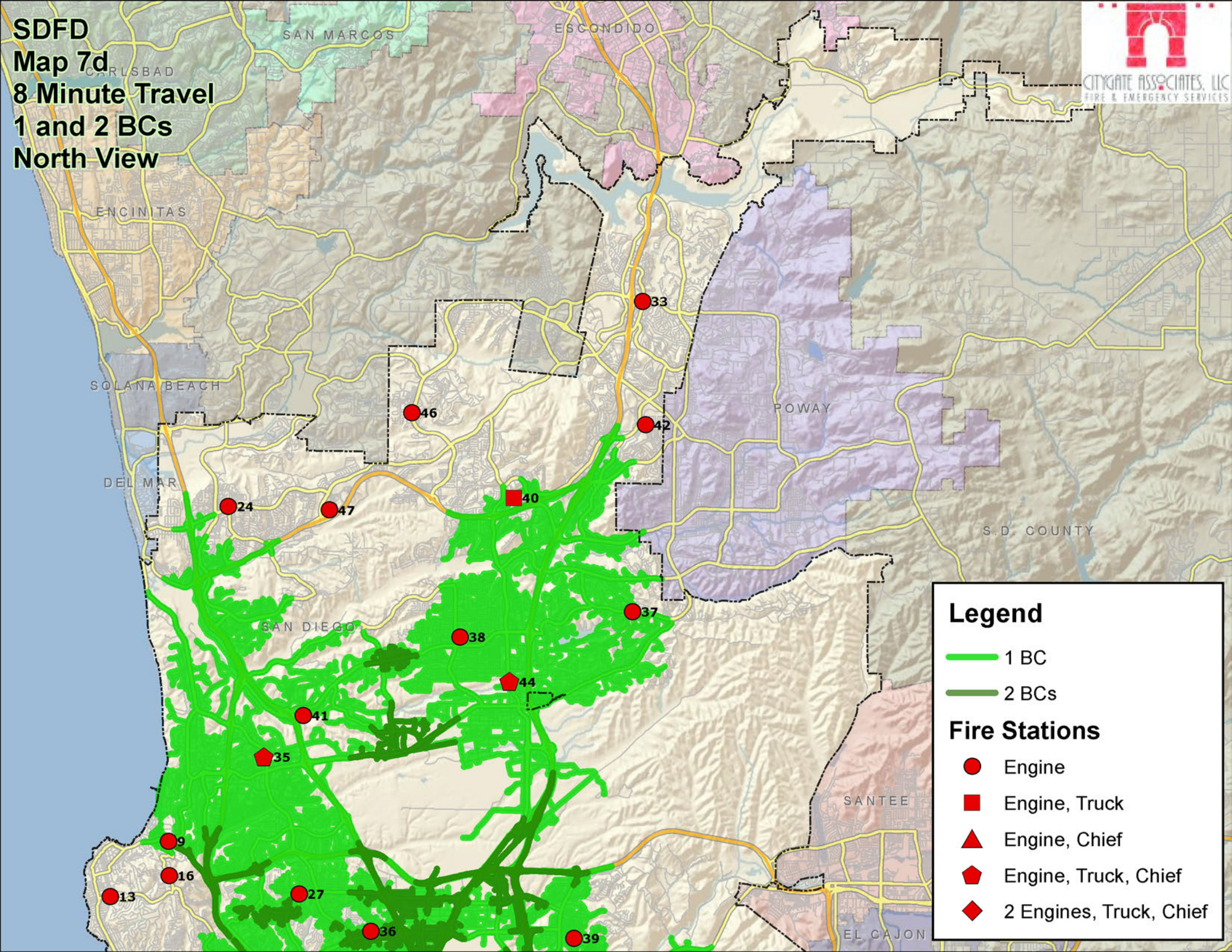
Legend

- 1 BC
- 2 BCs

Fire Stations

- Engine
- Engine, Truck
- Engine, Chief
- Engine, Truck, Chief
- 2 Engines, Truck, Chief

SDFD
Map 7d
8 Minute Travel
1 and 2 BCs
North View



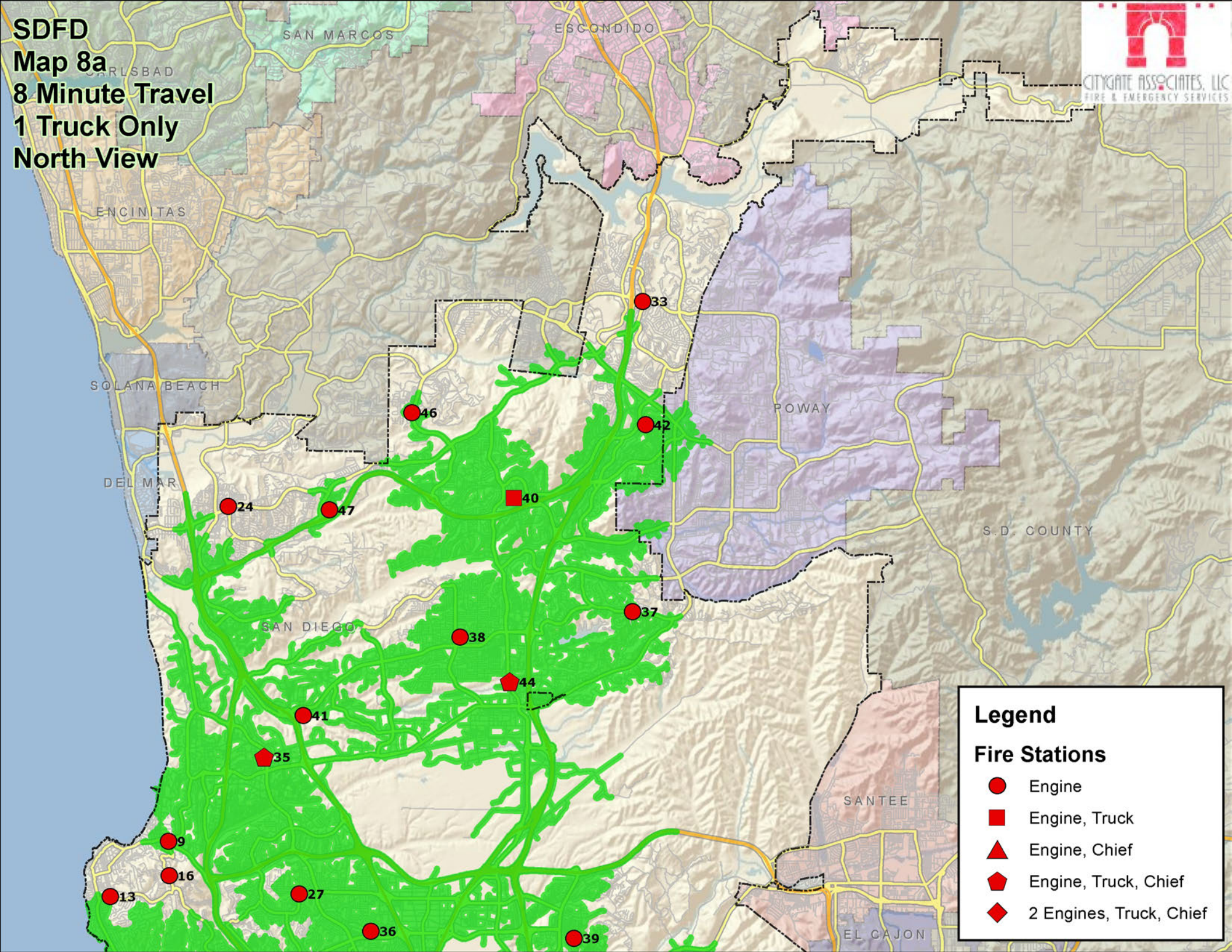
Legend

- 1 BC
- 2 BCs

Fire Stations

- Engine
- Engine, Truck
- Engine, Chief
- Engine, Truck, Chief
- 2 Engines, Truck, Chief

SDFD
Map 8a
8 Minute Travel
1 Truck Only
North View

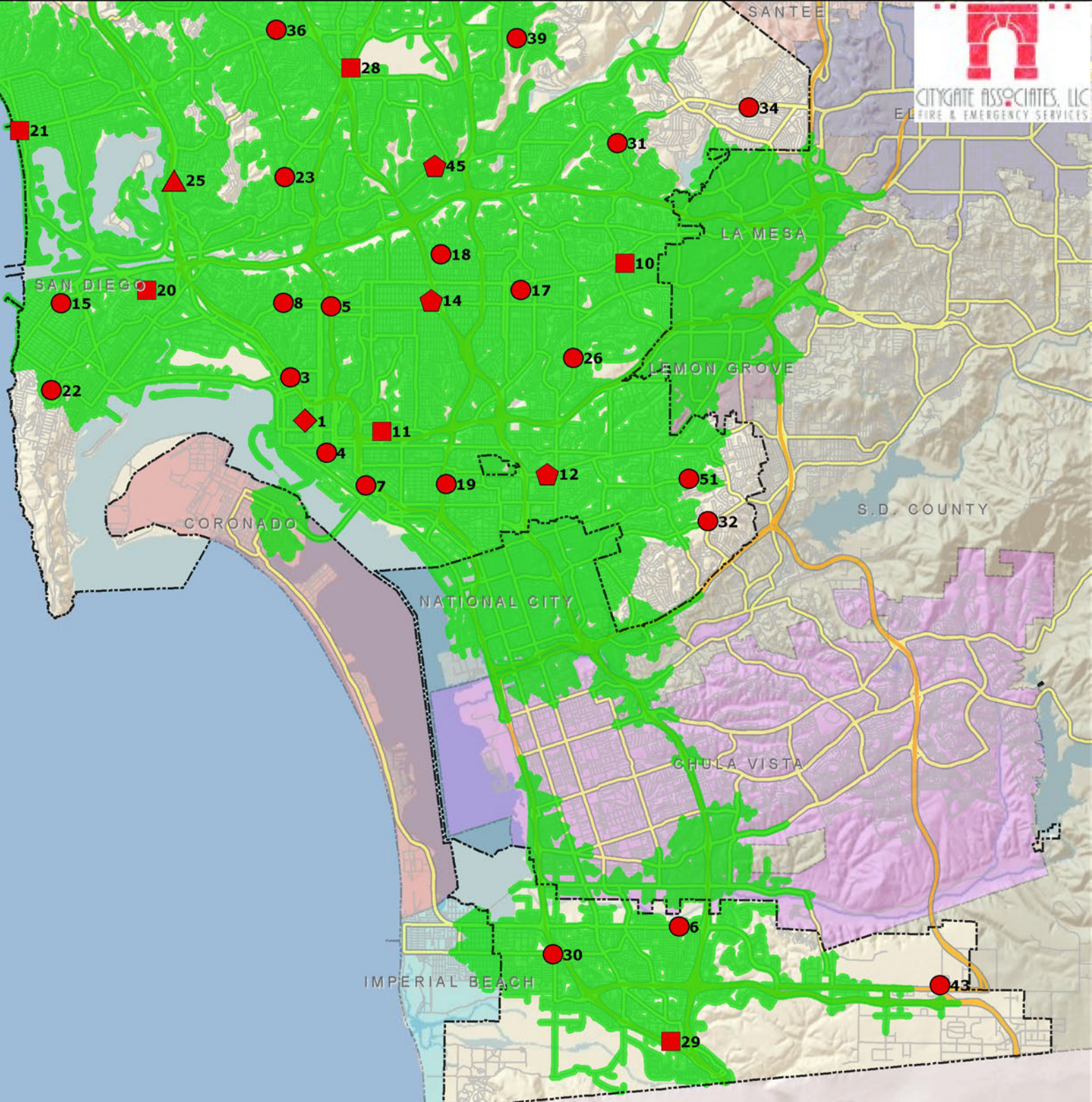


Legend

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ⬠ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

SDFD
Map 8b
8 Minute Travel
1 Truck Only
South View

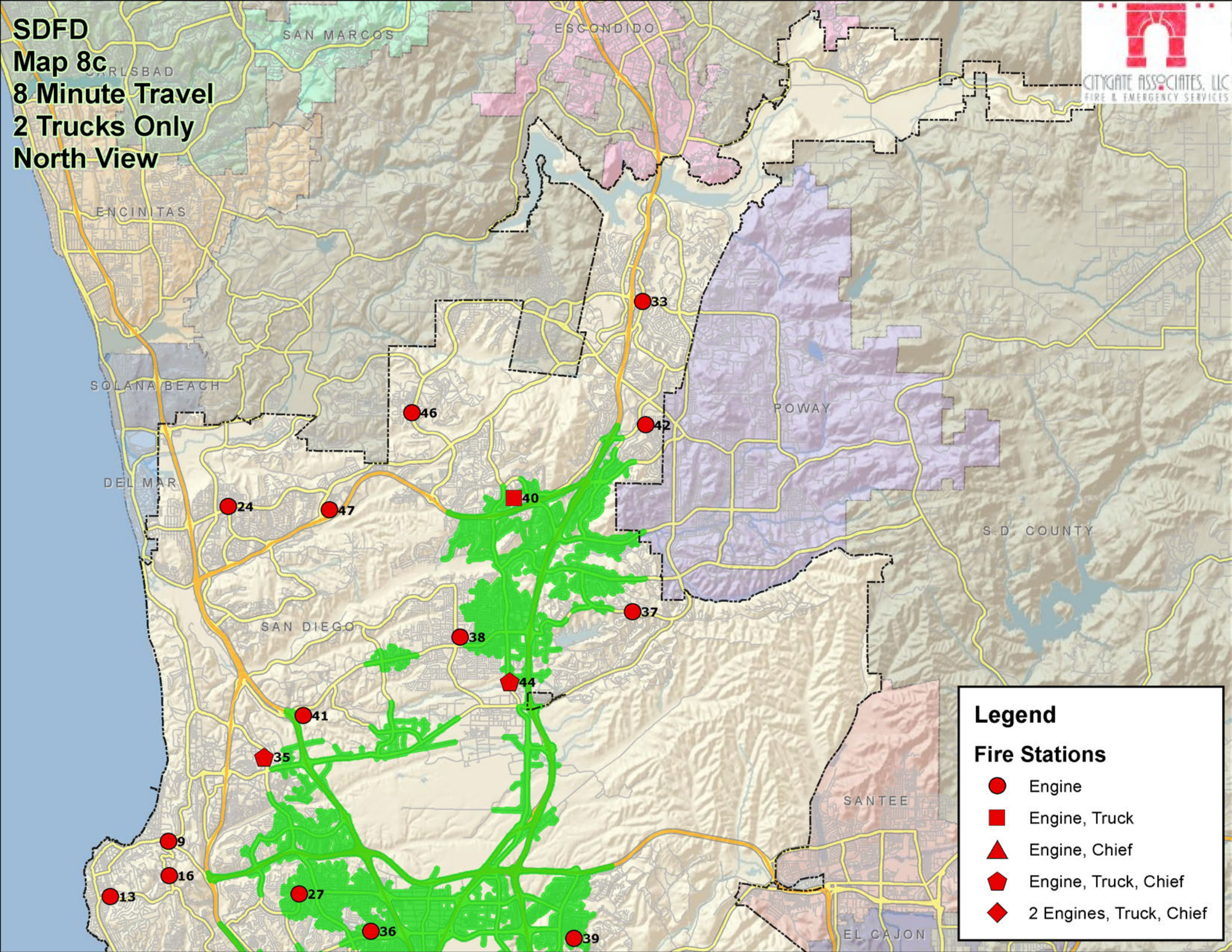


Legend

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ⬠ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

SDFD
Map 8c
8 Minute Travel
2 Trucks Only
North View

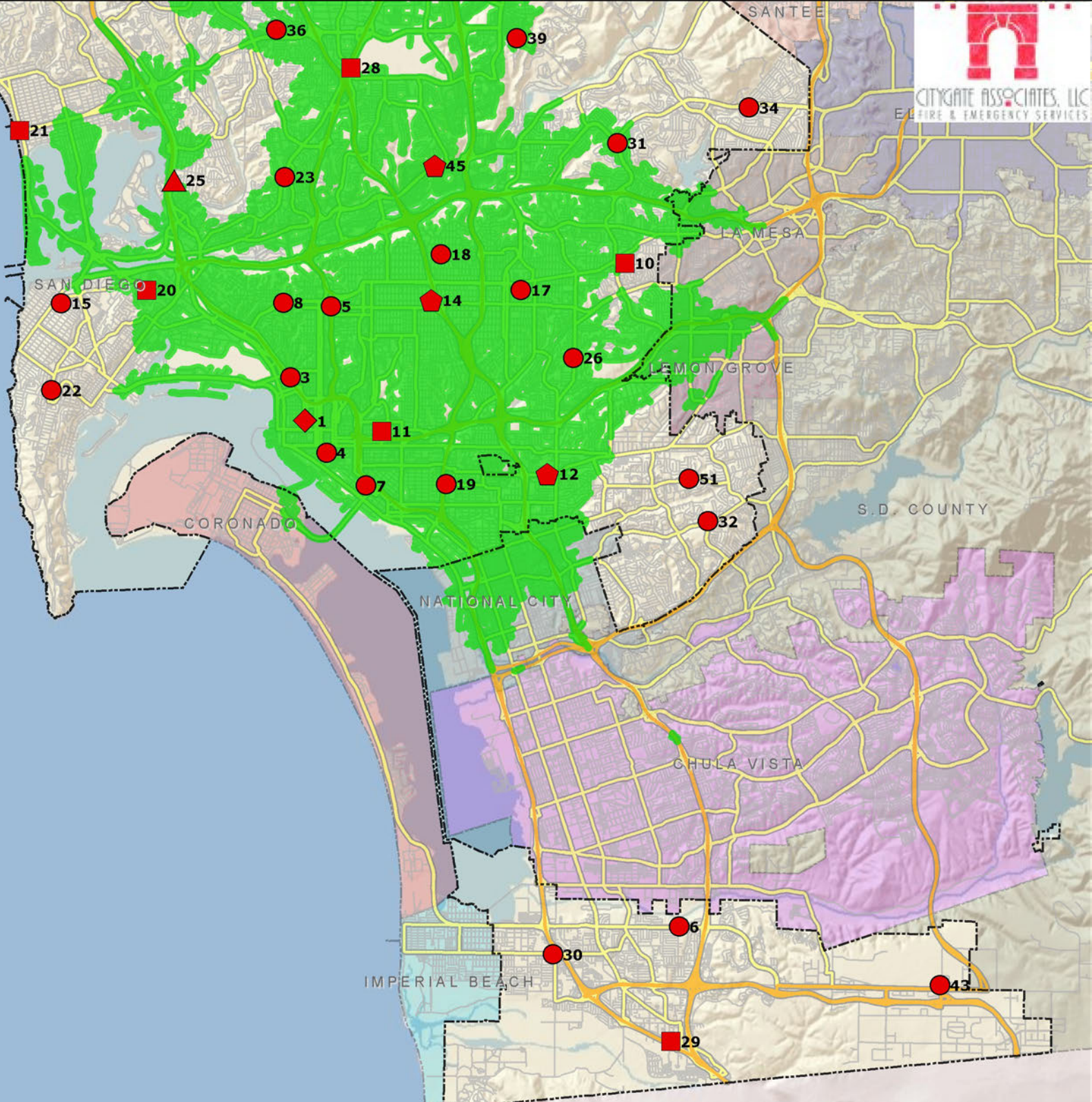


Legend

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ⬠ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

**SDFD
Map 8d
8 Minute Travel
2 Trucks Only
South View**

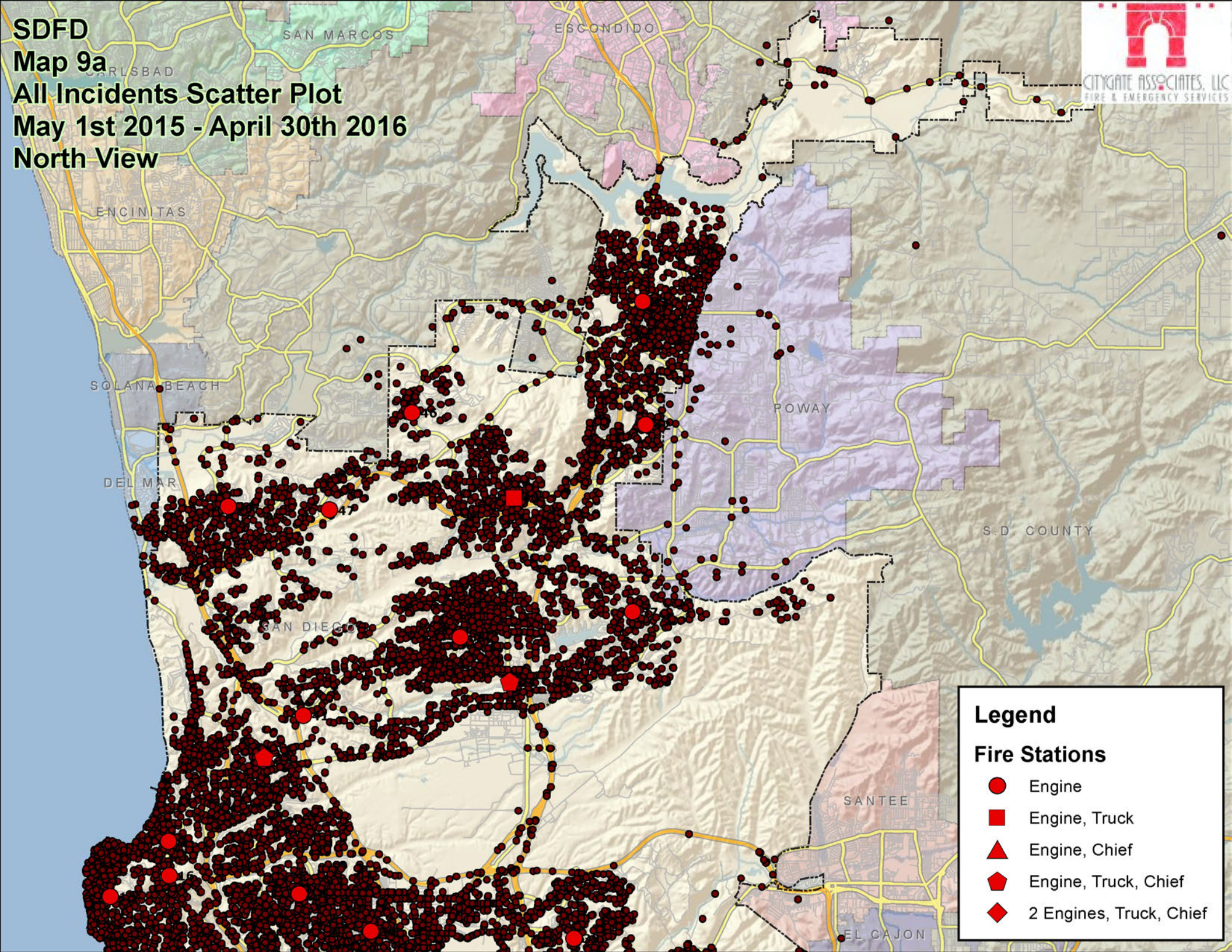


Legend

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ◆ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

SDFD
Map 9a
All Incidents Scatter Plot
May 1st 2015 - April 30th 2016
North View

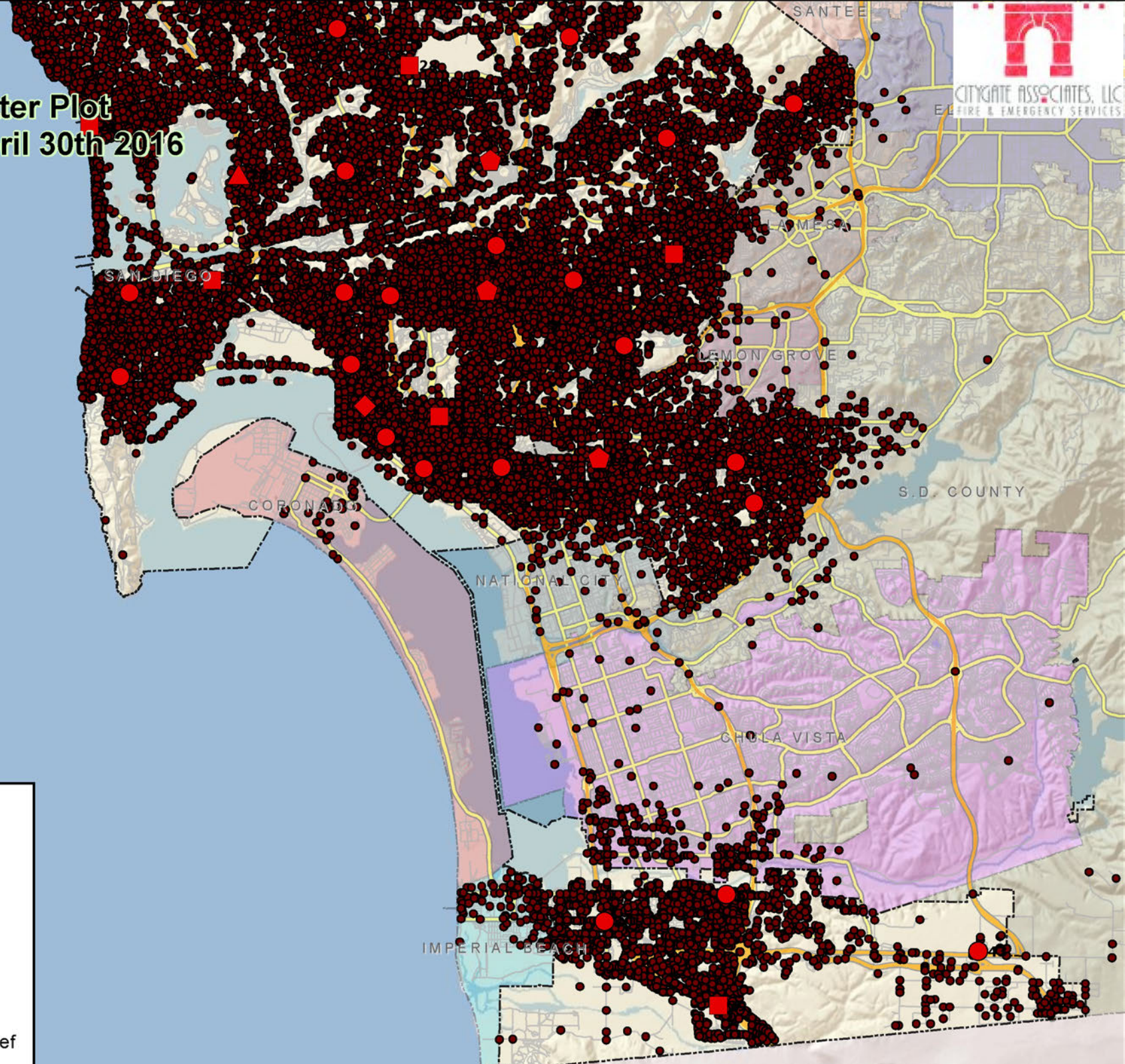


Legend

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ◆ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

SDFD
Map 9b
All Incidents Scatter Plot
May 1st 2015 - April 30th 2016
South View

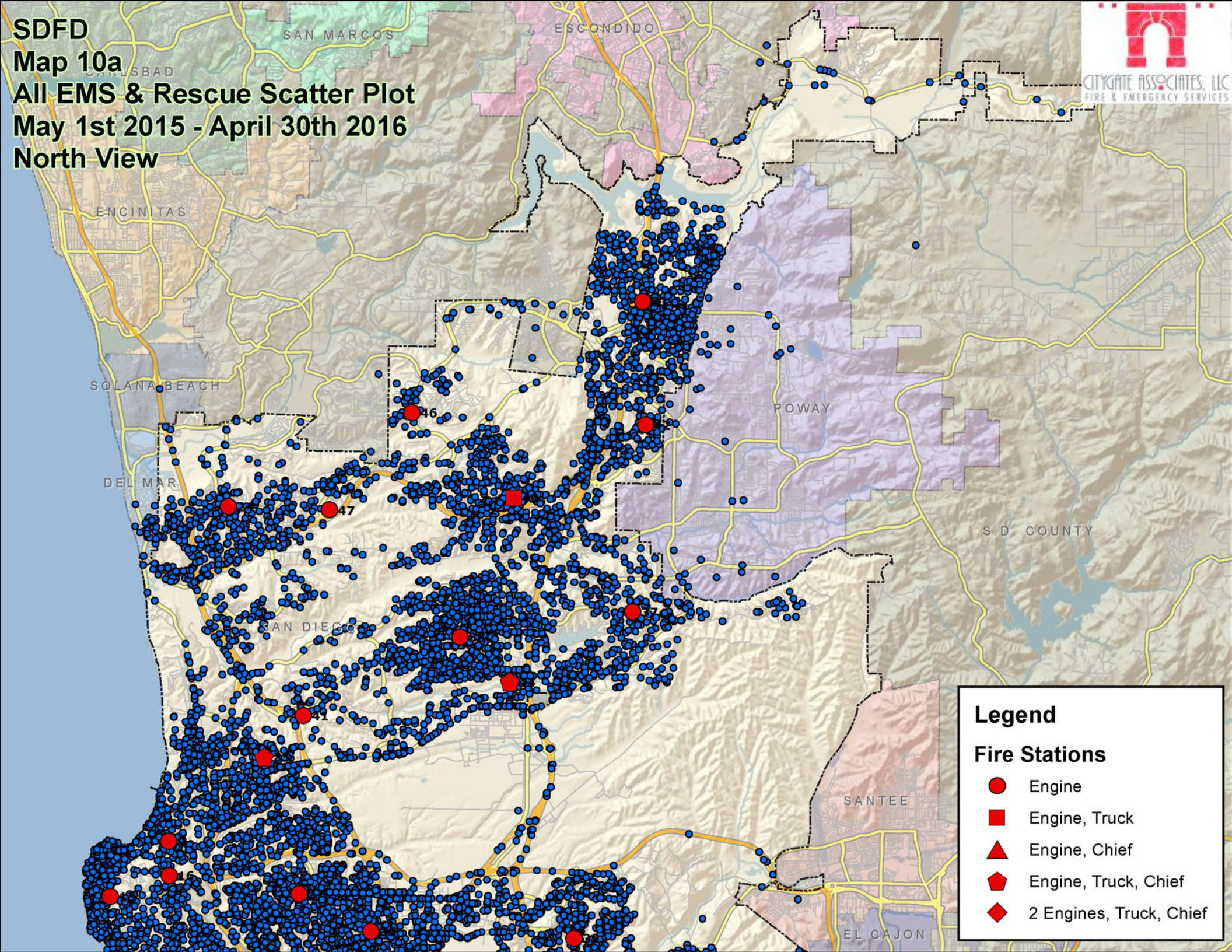


Legend

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ◆ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

SDFD
Map 10a
All EMS & Rescue Scatter Plot
May 1st 2015 - April 30th 2016
North View

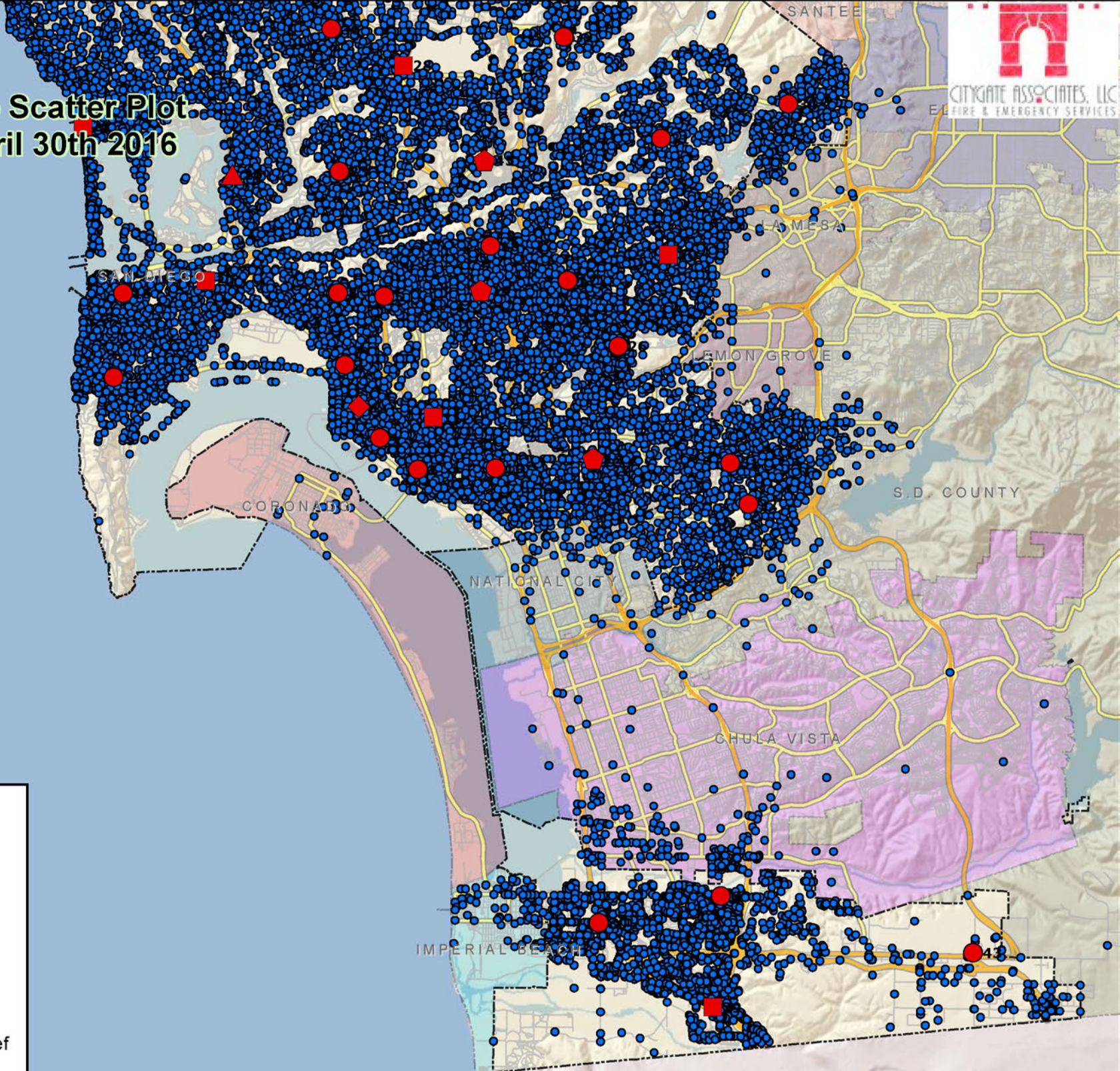


Legend

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ⬠ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

**SDFD
Map 10b
All EMS & Rescue Scatter Plot
May 1st 2015 - April 30th 2016
South View**

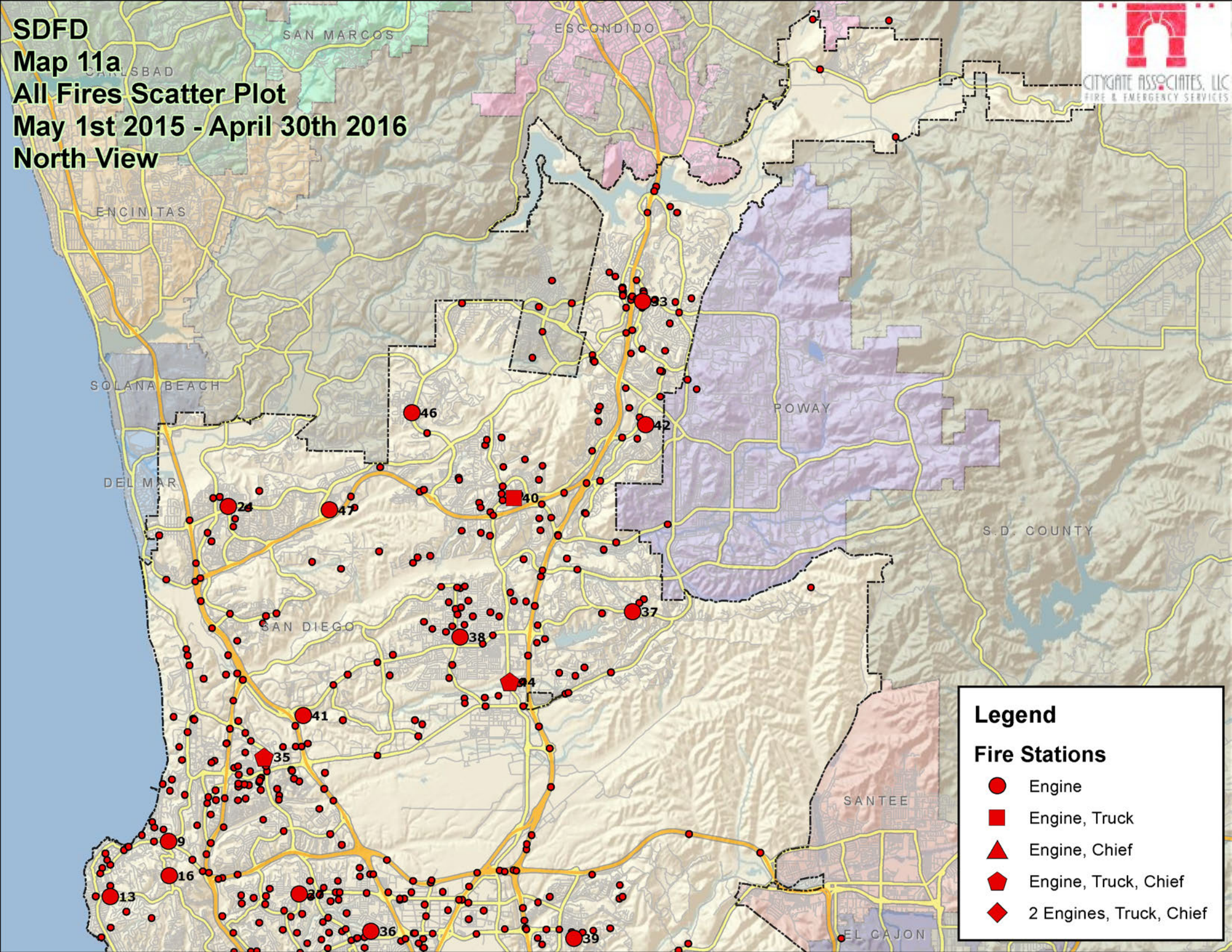


Legend

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ⬠ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

SDFD Map 11a All Fires Scatter Plot May 1st 2015 - April 30th 2016 North View

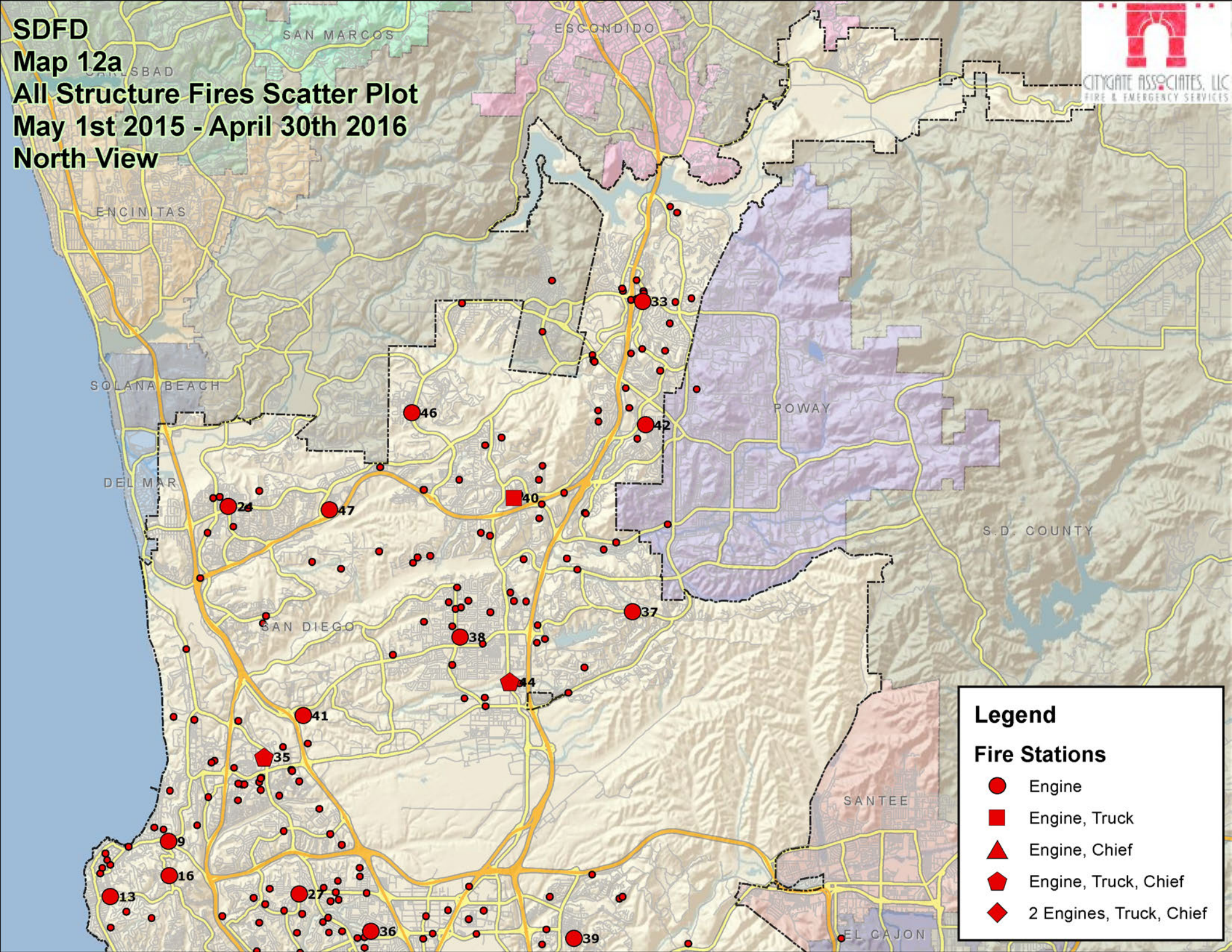


Legend

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ⬠ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

SDFD
Map 12a
All Structure Fires Scatter Plot
May 1st 2015 - April 30th 2016
North View

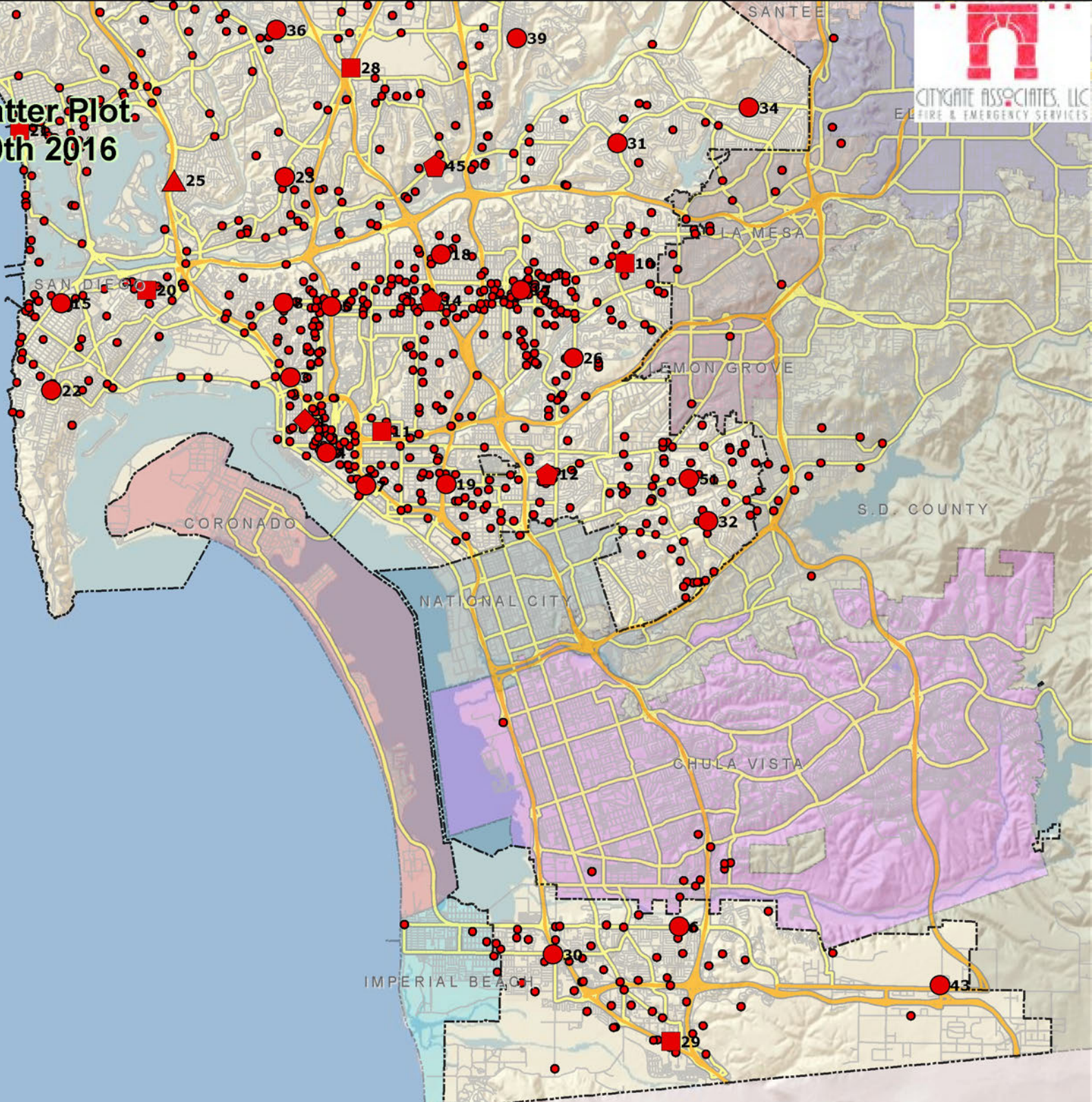


Legend

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ⬠ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

SDFD
Map 12b
All Structure Fires Scatter Plot
May 1st 2015 - April 30th 2016
South View

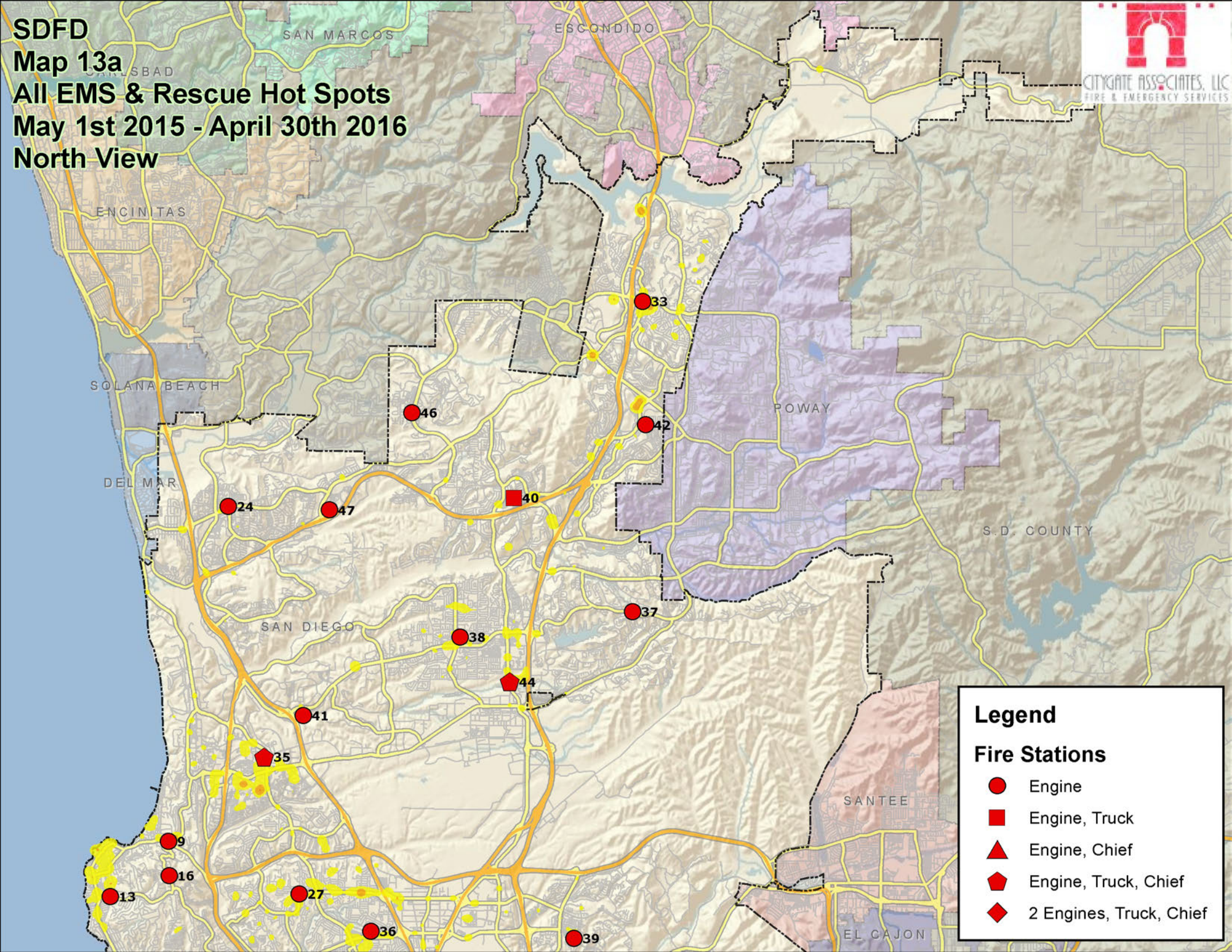


Legend

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ◆ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

SDFD
Map 13a
All EMS & Rescue Hot Spots
May 1st 2015 - April 30th 2016
North View

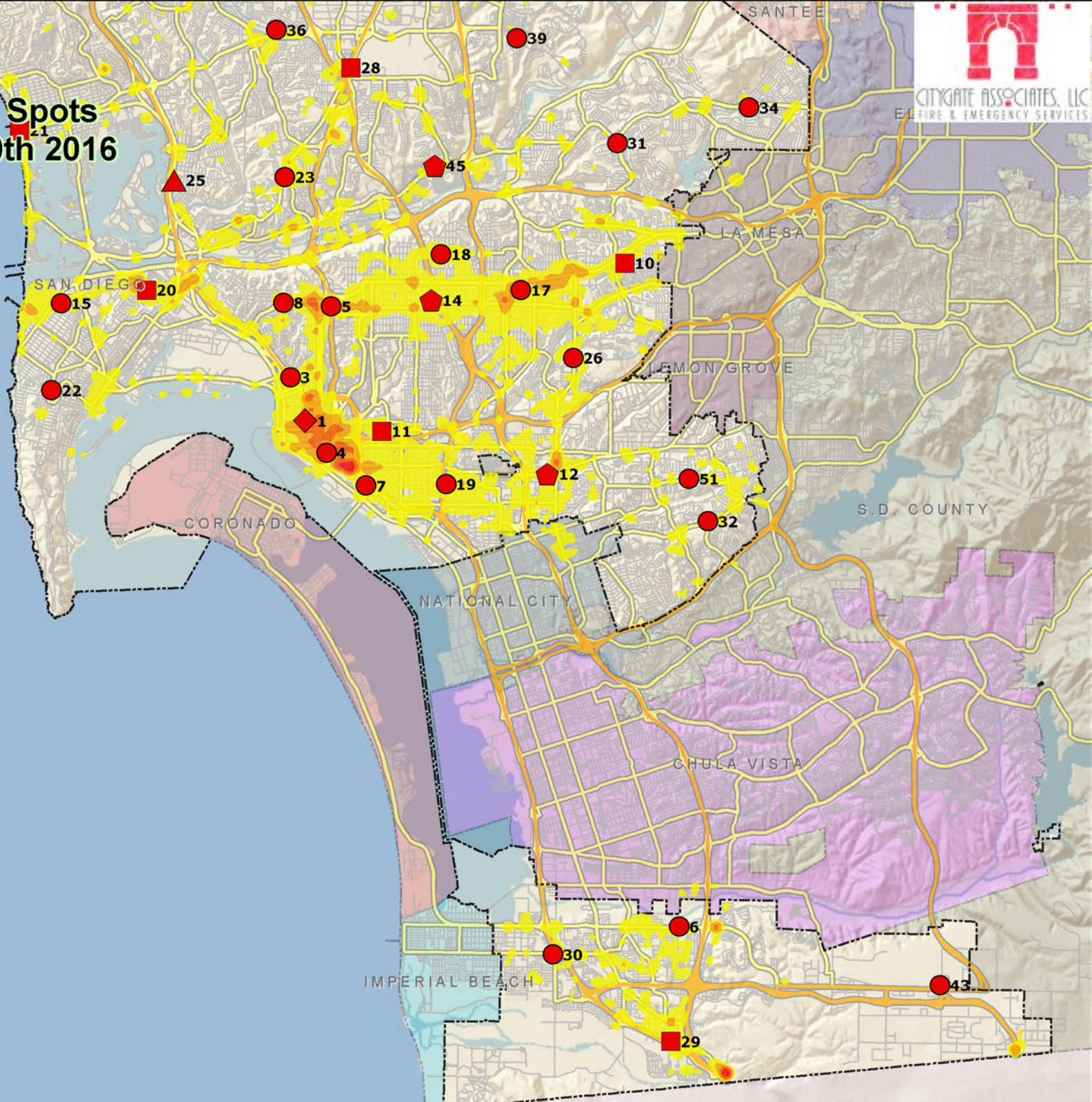


Legend

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ⬠ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

SDFD
Map 13b
All EMS & Rescue Hot Spots
May 1st 2015 - April 30th 2016
South View

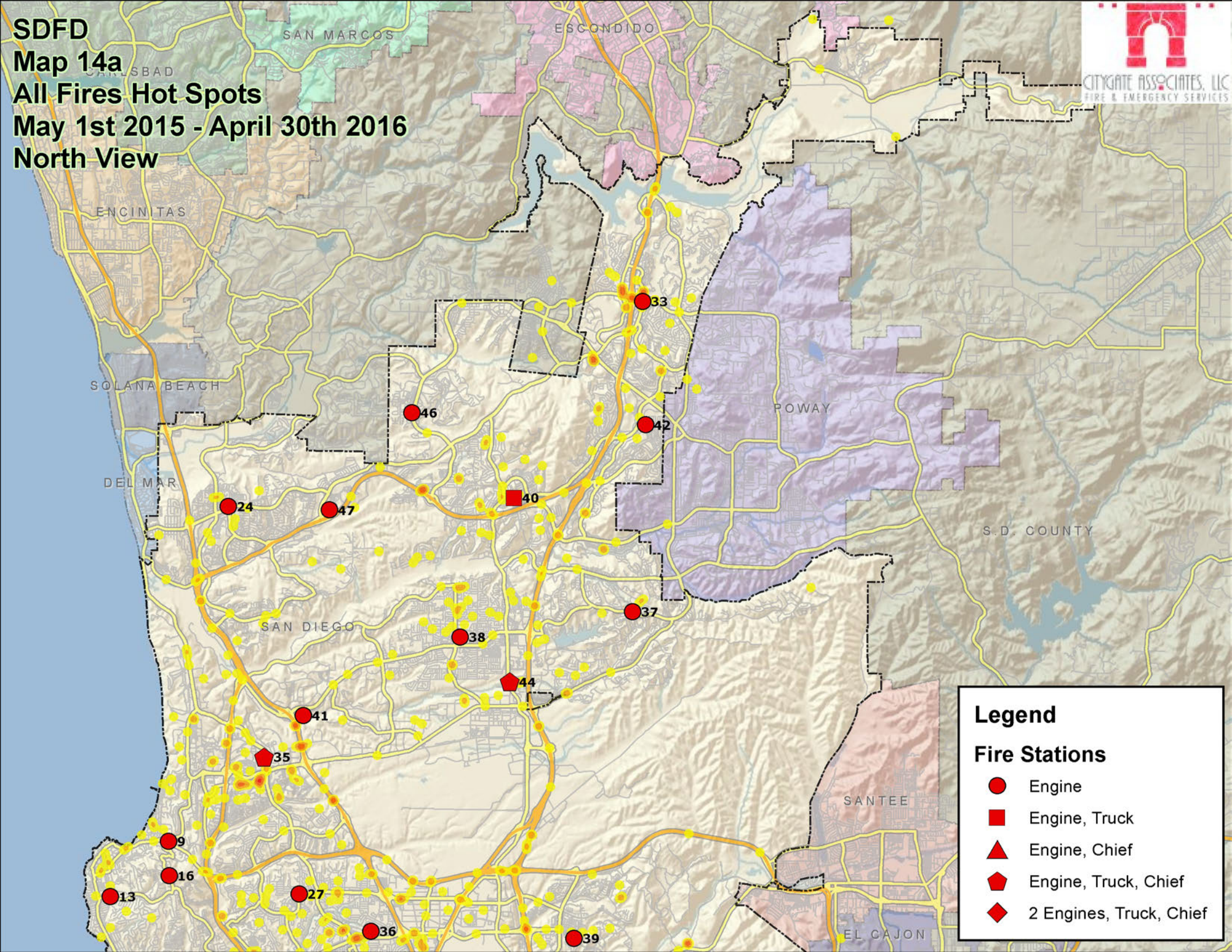


Legend

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ◆ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

SDFD
Map 14a
All Fires Hot Spots
May 1st 2015 - April 30th 2016
North View

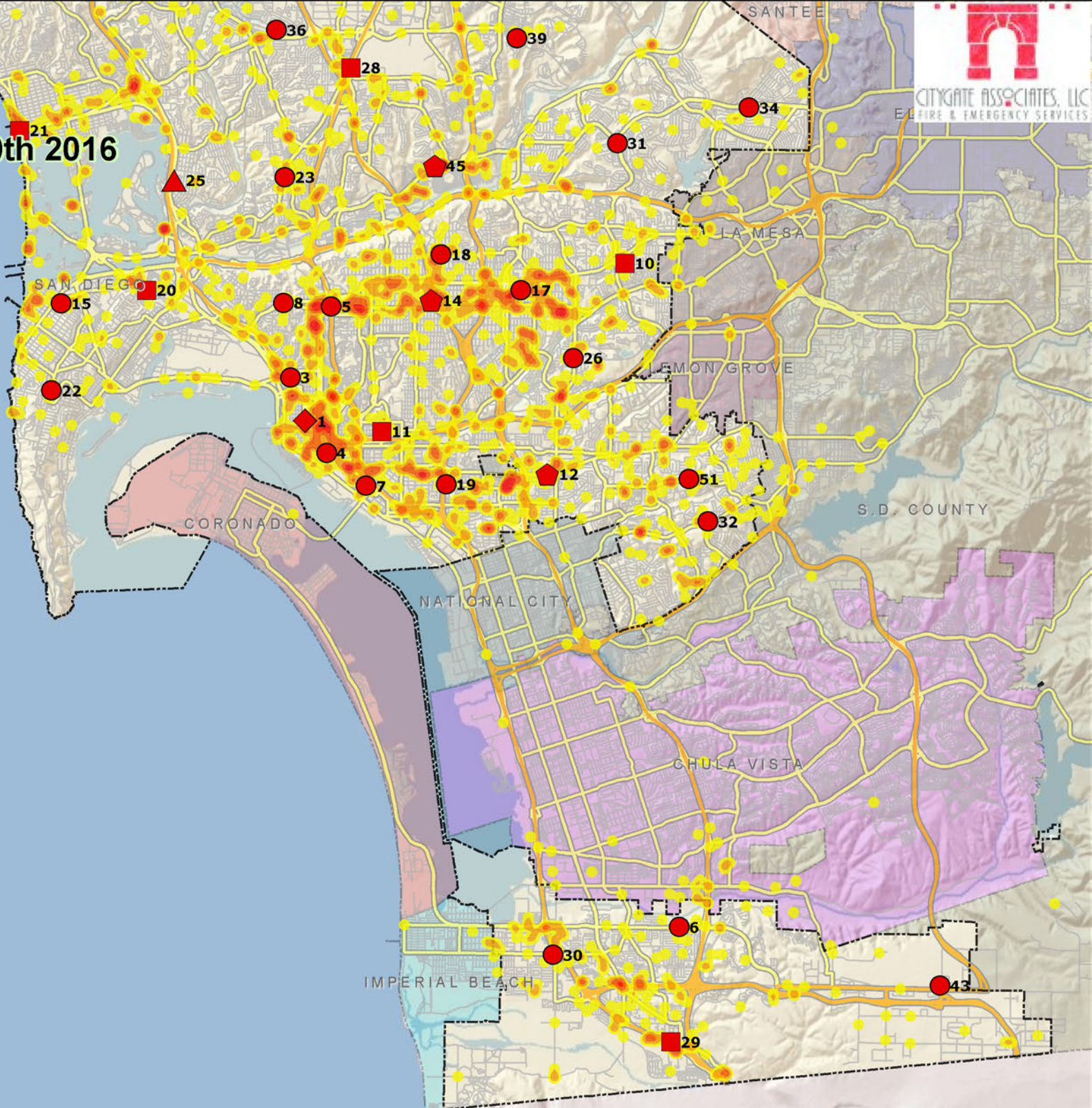


Legend

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ◆ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

SDFD
Map 14b
All Fires Hot Spots
May 1st 2015 - April 30th 2016
South View

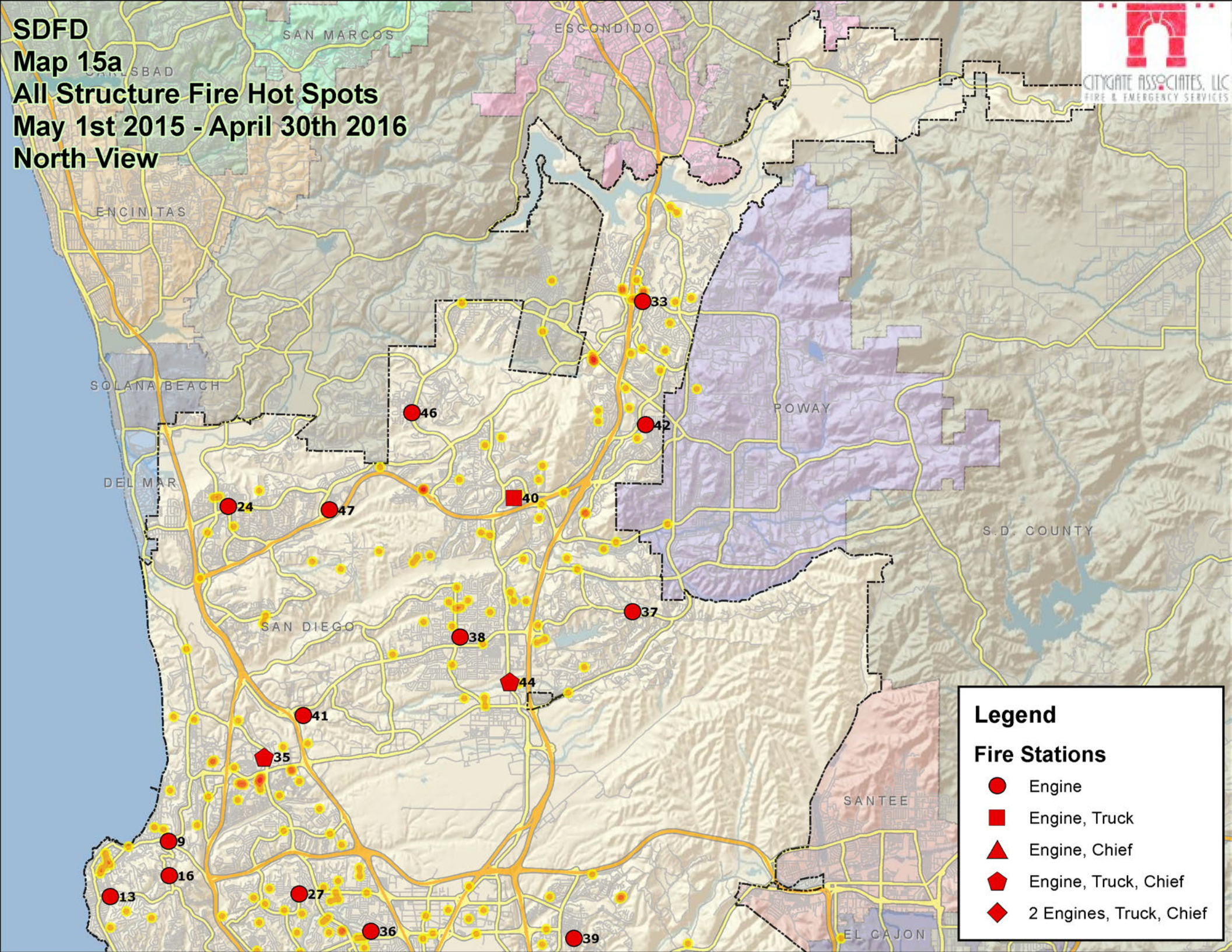


Legend

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ⬠ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

SDFD
Map 15a
All Structure Fire Hot Spots
May 1st 2015 - April 30th 2016
North View

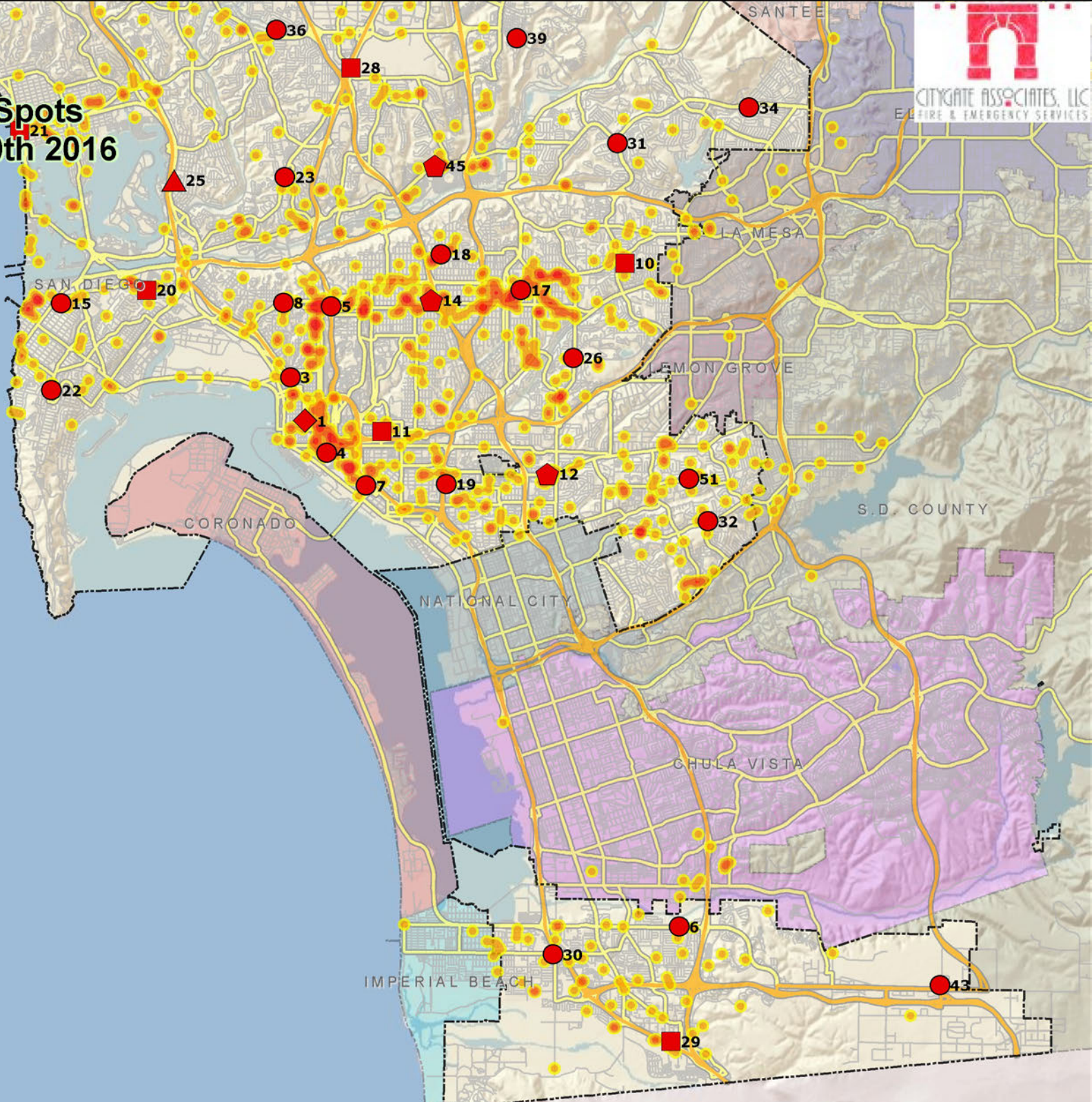


Legend

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ◆ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

SDFD
Map 15b
All Structure Fire Hot Spots
May 1st 2015 - April 30th 2016
South View

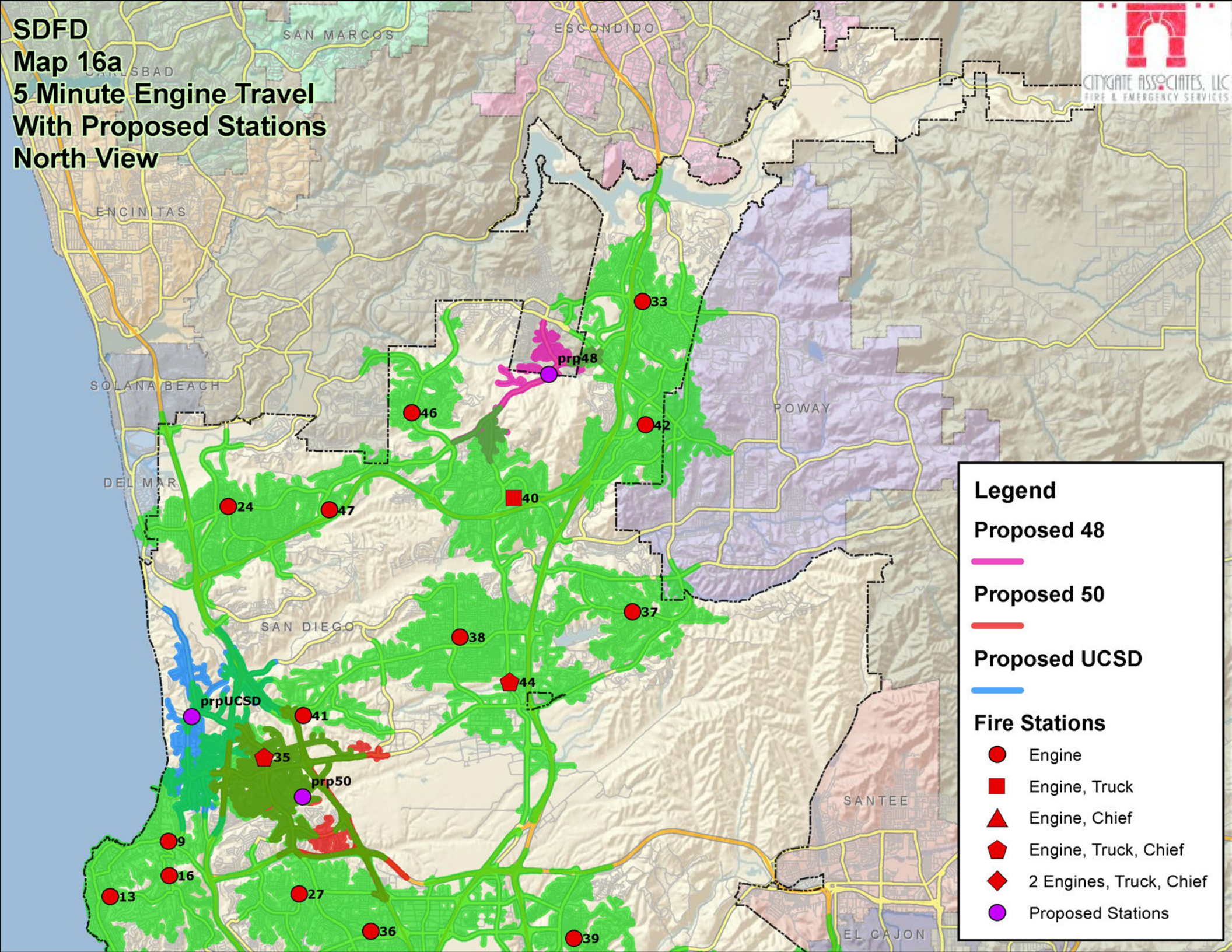


Legend

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ◆ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

SDFD
Map 16a
5 Minute Engine Travel
With Proposed Stations
North View



Legend

Proposed 48
—

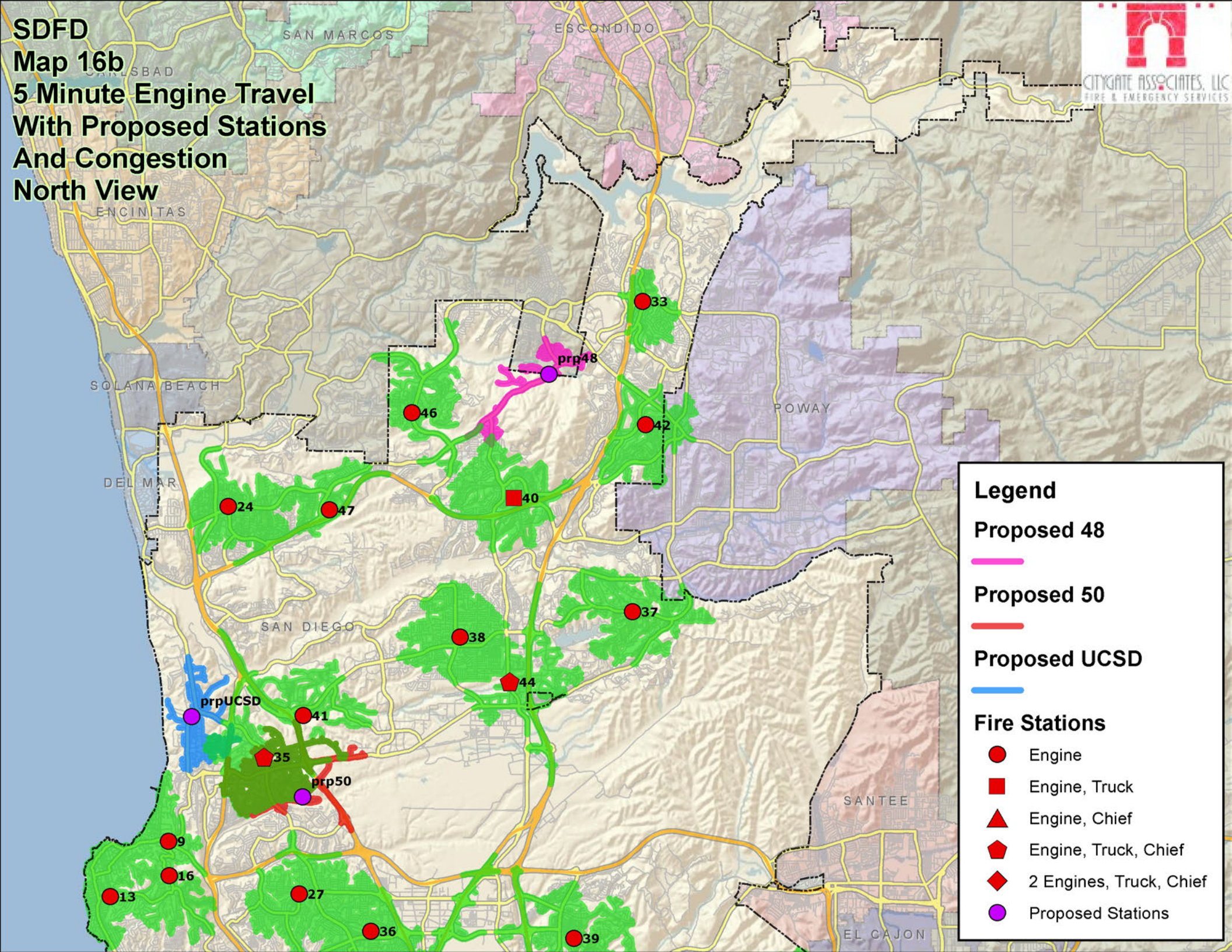
Proposed 50
—

Proposed UCSD
—

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ◆ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief
- Proposed Stations

**SDFD
Map 16b
5 Minute Engine Travel
With Proposed Stations
And Congestion
North View**



Legend

Proposed 48
— (pink line)

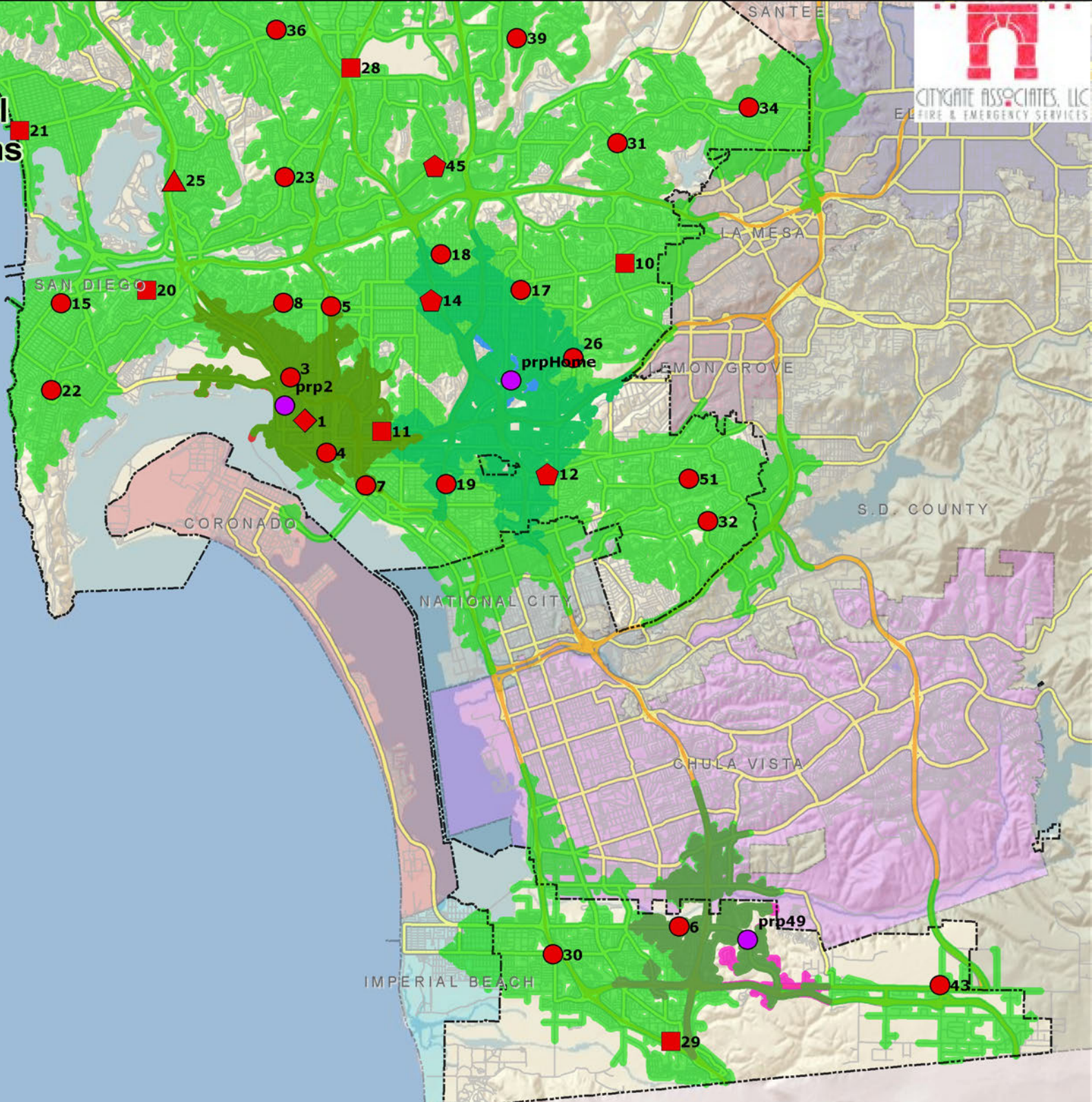
Proposed 50
— (red line)

Proposed UCSD
— (blue line)

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ◆ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief
- Proposed Stations

**SDFD
Map 16c
5 Minute Engine Travel
With Proposed Stations
South View**



Legend

Proposed 2
—

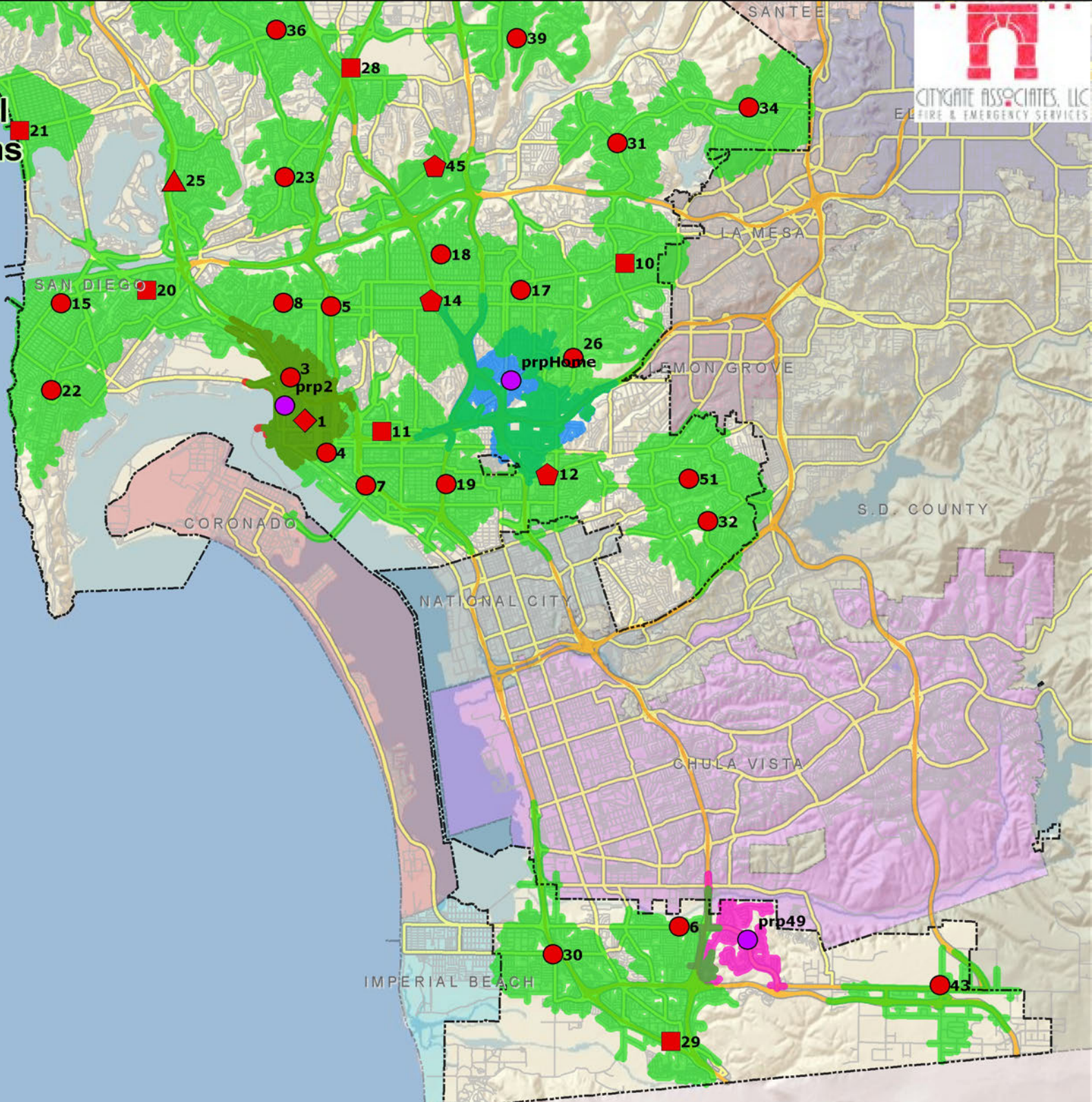
Proposed 49
—

Proposed Home Ave
—

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ◆ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief
- Proposed Stations

**SDFD
Map 16d
5 Minute Engine Travel
With Proposed Stations
And Congestion
South View**



Legend

Proposed 2
—

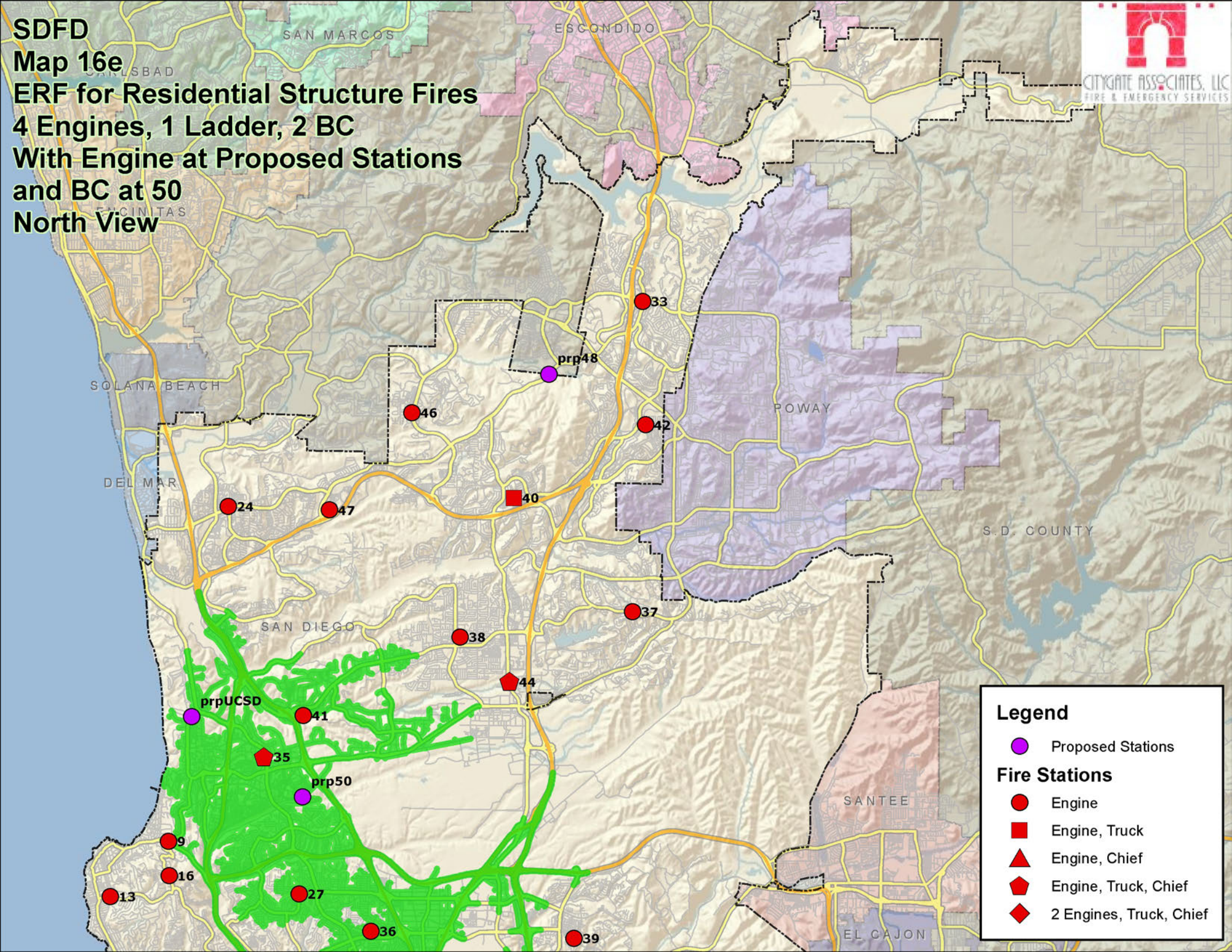
Proposed 49
—

Proposed Home Ave
—

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ◆ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief
- Proposed Stations

SDFD
Map 16e
ERF for Residential Structure Fires
4 Engines, 1 Ladder, 2 BC
With Engine at Proposed Stations
and BC at 50 North View



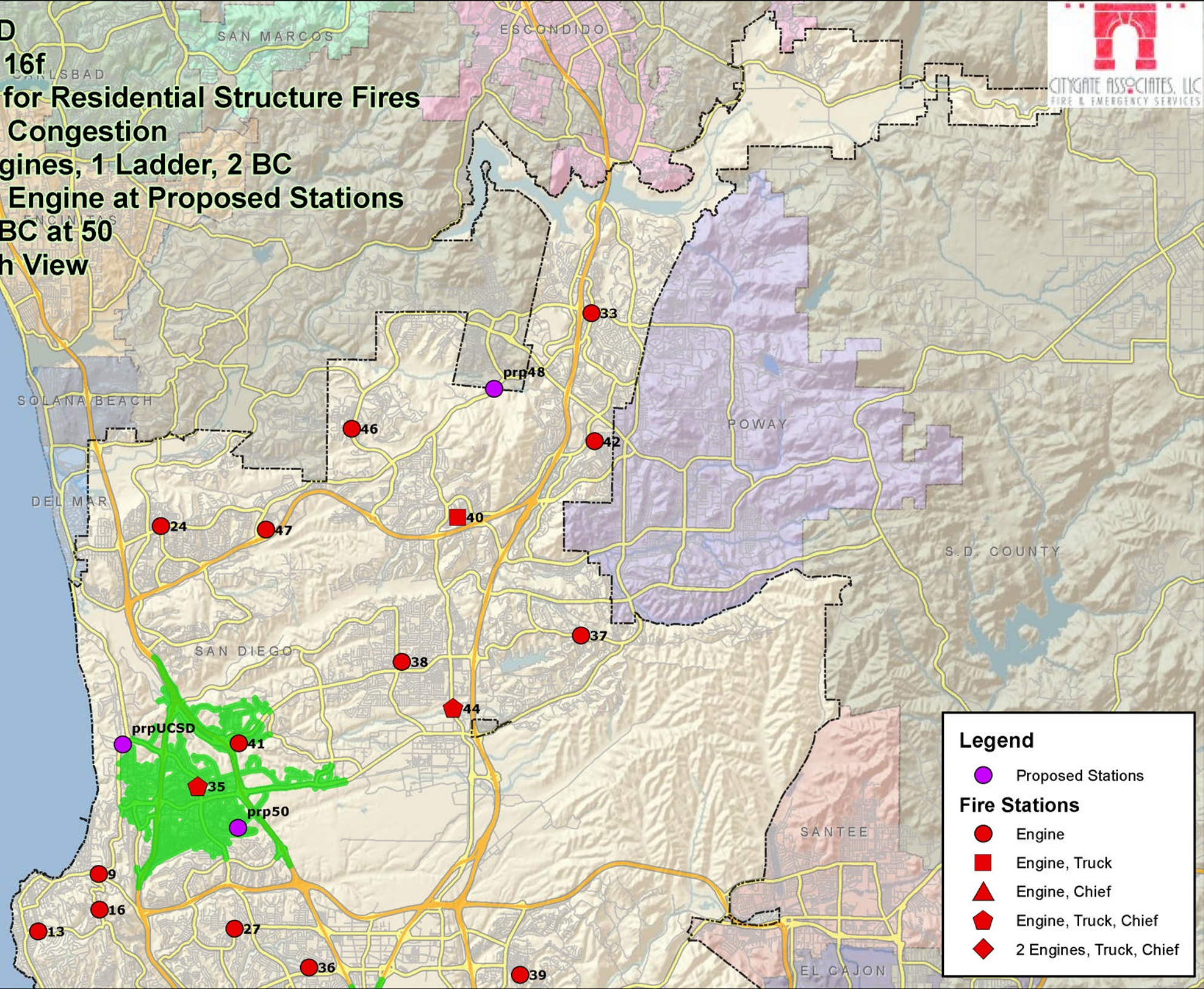
Legend

- Proposed Stations

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ⬠ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

SDFD
Map 16f
ERF for Residential Structure Fires
With Congestion
4 Engines, 1 Ladder, 2 BC
With Engine at Proposed Stations
and BC at 50
North View



Legend

- Proposed Stations

Fire Stations

- Engine
- Engine, Truck
- ▲ Engine, Chief
- ◆ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief

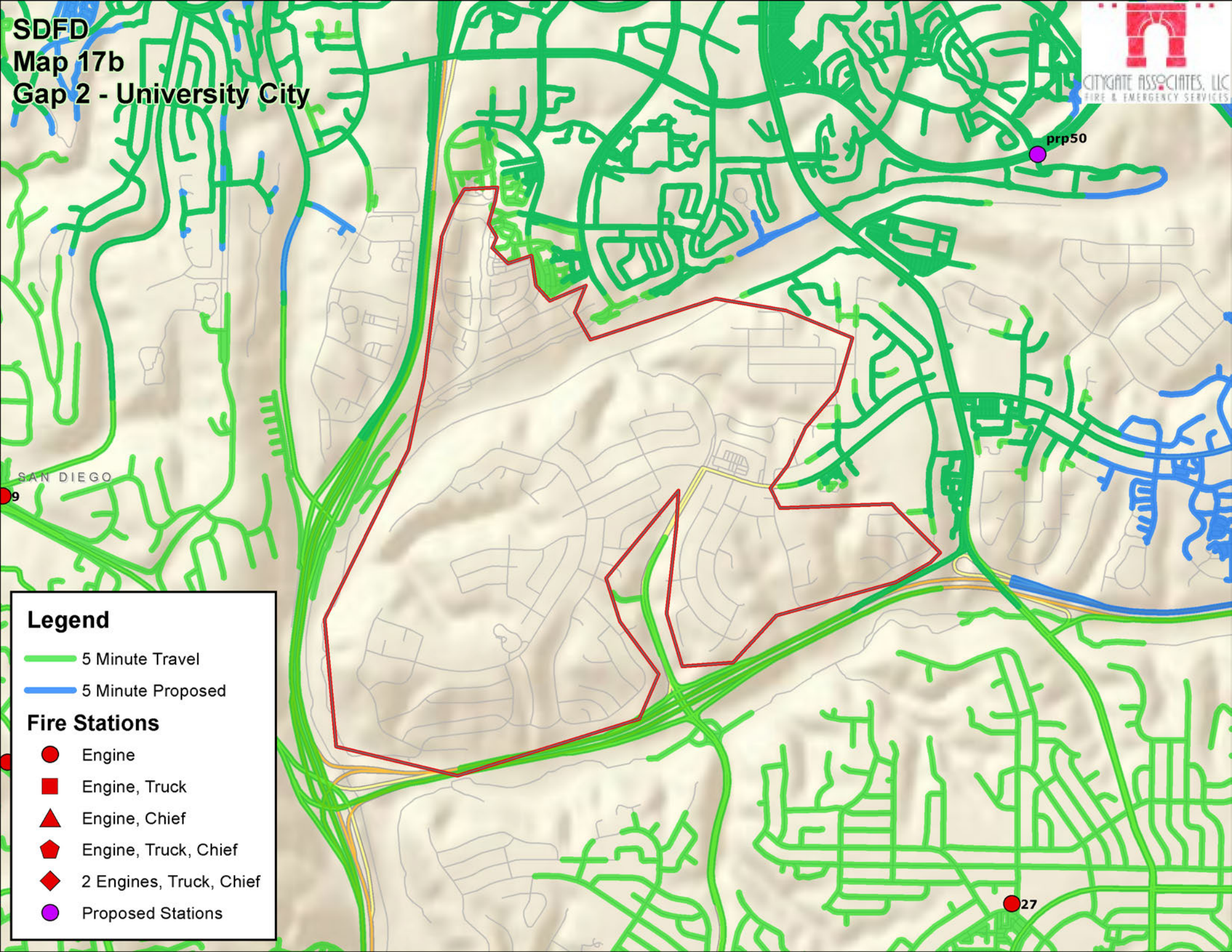
SDFD
Map 17a
Gap 1- Pacific Beach



Legend

- 5 Minute Travel
- Fire Stations**
- Engine
- Engine, Truck
- ▲ Engine, Chief
- ◆ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief
- Proposed Stations

SDFD
Map 17b
Gap 2 - University City



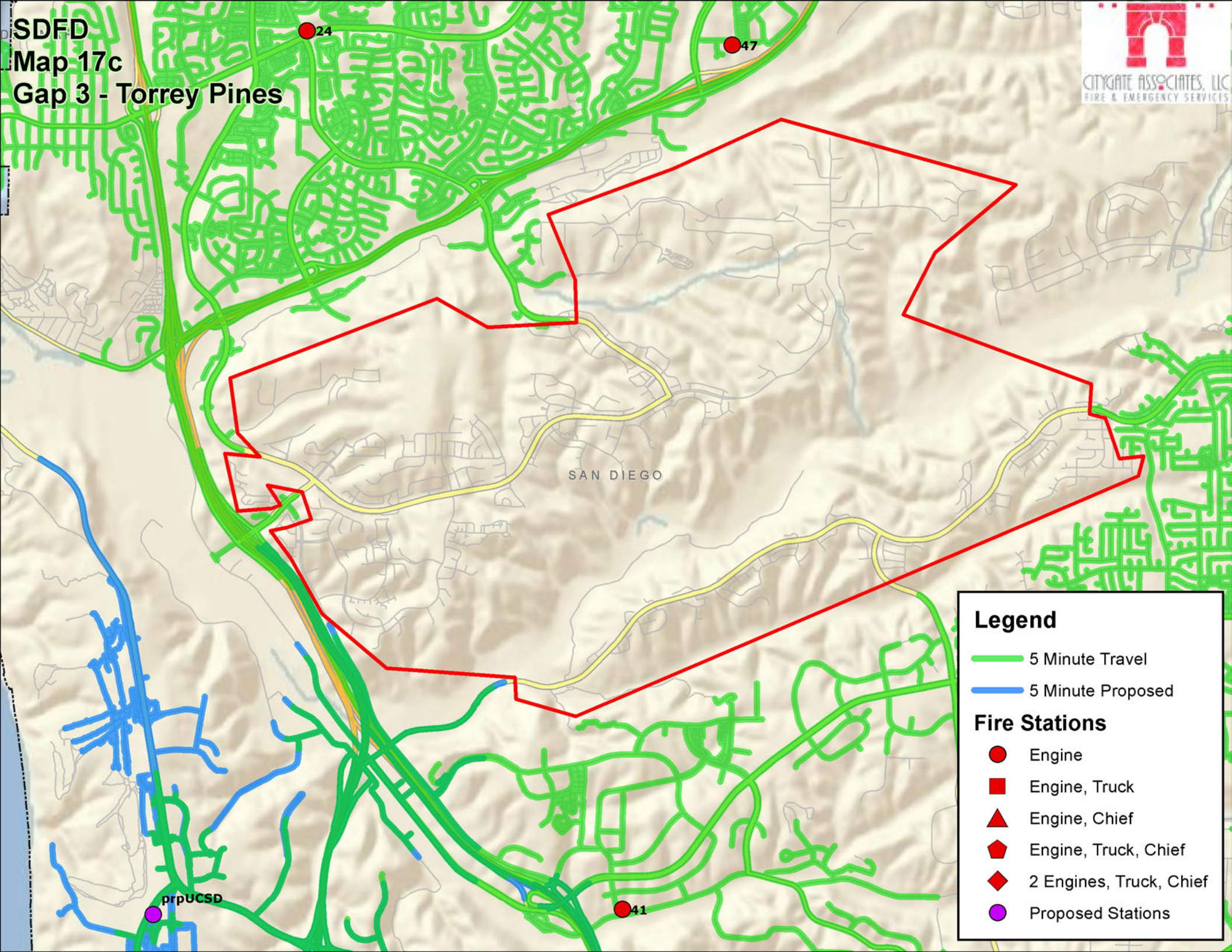
Legend

- 5 Minute Travel
- 5 Minute Proposed

Fire Stations

- Engine
- Engine, Truck
- Engine, Chief
- Engine, Truck, Chief
- 2 Engines, Truck, Chief
- Proposed Stations

SDFD
Map 17c
Gap 3 - Torrey Pines



Legend

- 5 Minute Travel
- 5 Minute Proposed

Fire Stations

- Engine
- Engine, Truck
- Engine, Chief
- Engine, Truck, Chief
- 2 Engines, Truck, Chief
- Proposed Stations

prpUCSD

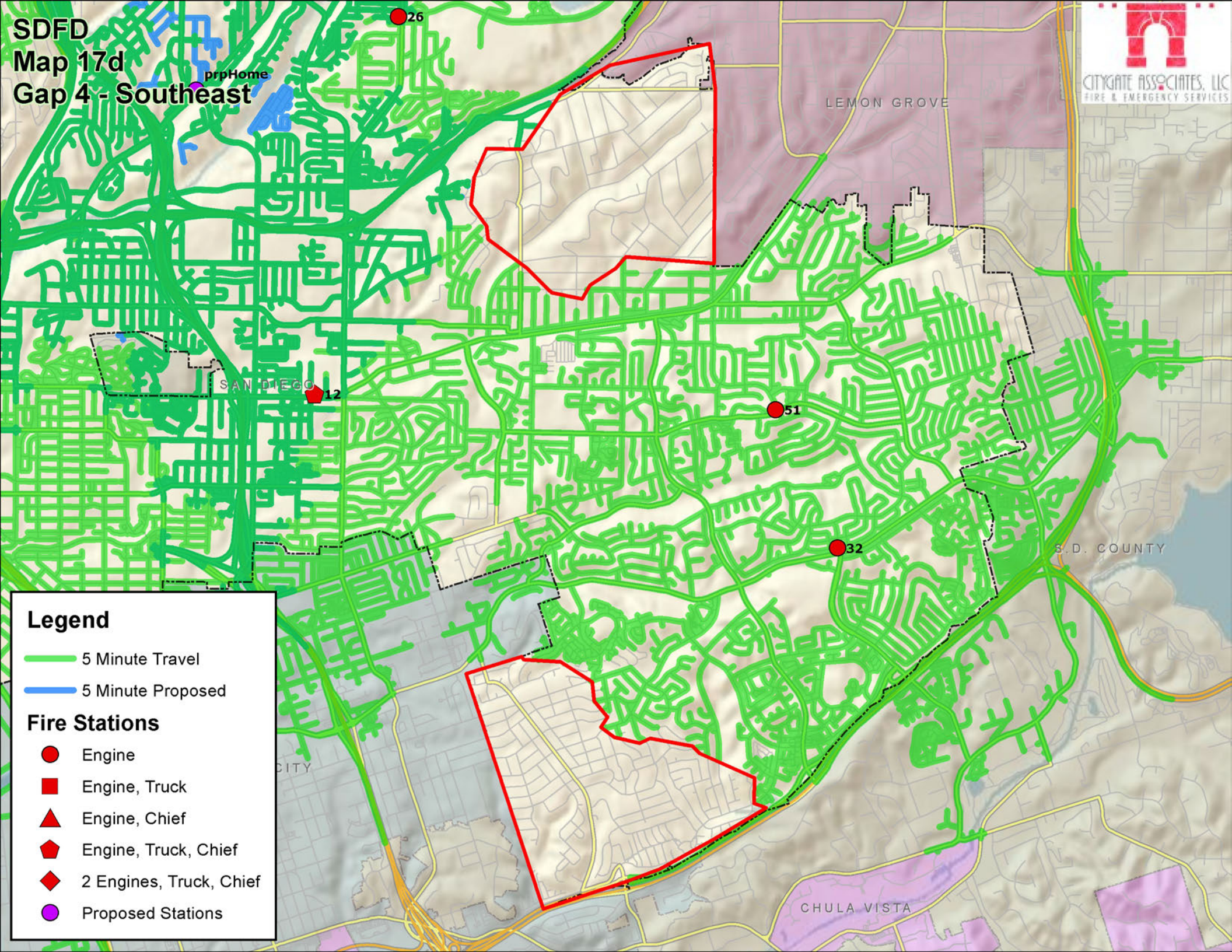
24

47

SAN DIEGO

41

SDFD Map 17d Gap 4 - Southeast



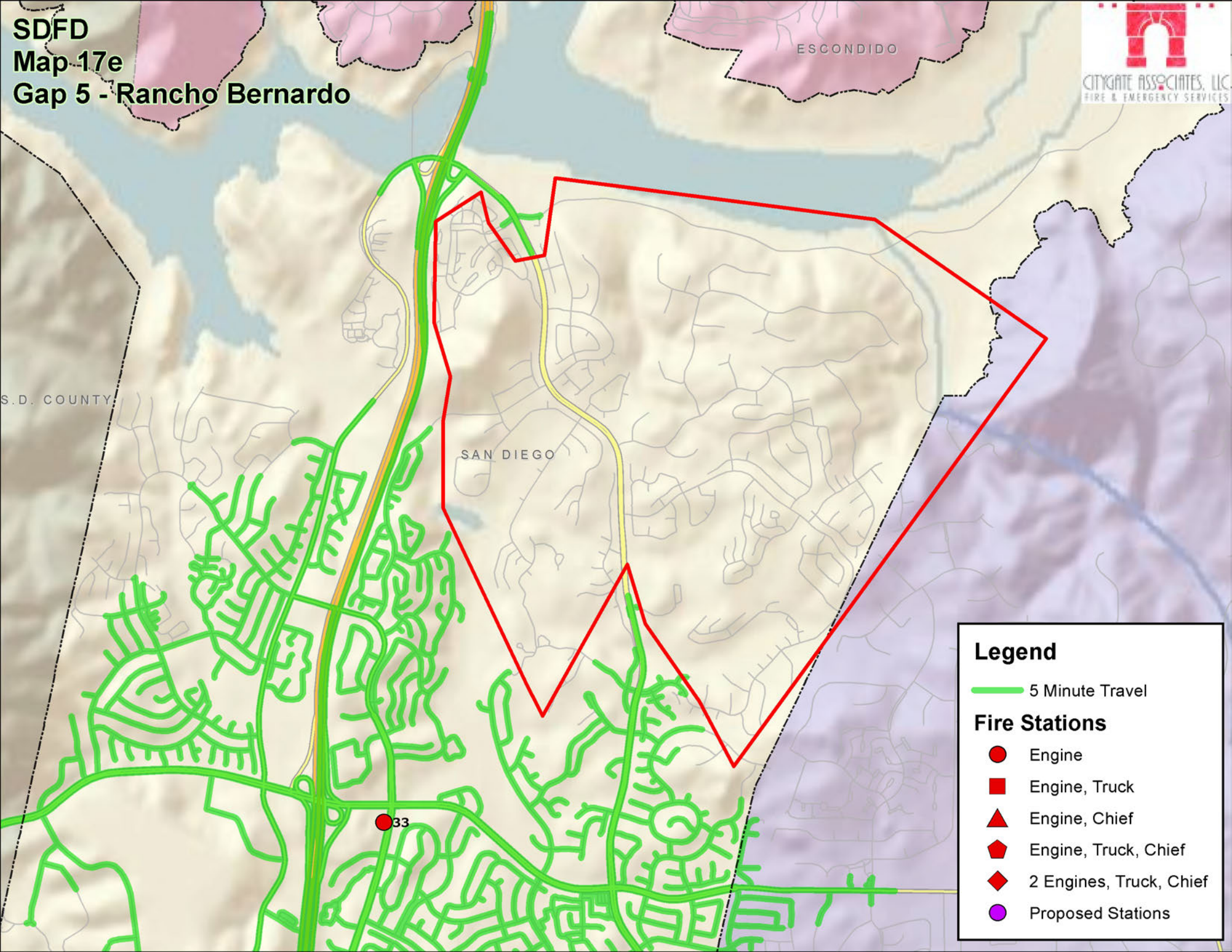
Legend

- 5 Minute Travel
- 5 Minute Proposed

Fire Stations

- Engine
- Engine, Truck
- Engine, Chief
- Engine, Truck, Chief
- 2 Engines, Truck, Chief
- Proposed Stations

SDFD
Map 17e
Gap 5 - Rancho Bernardo



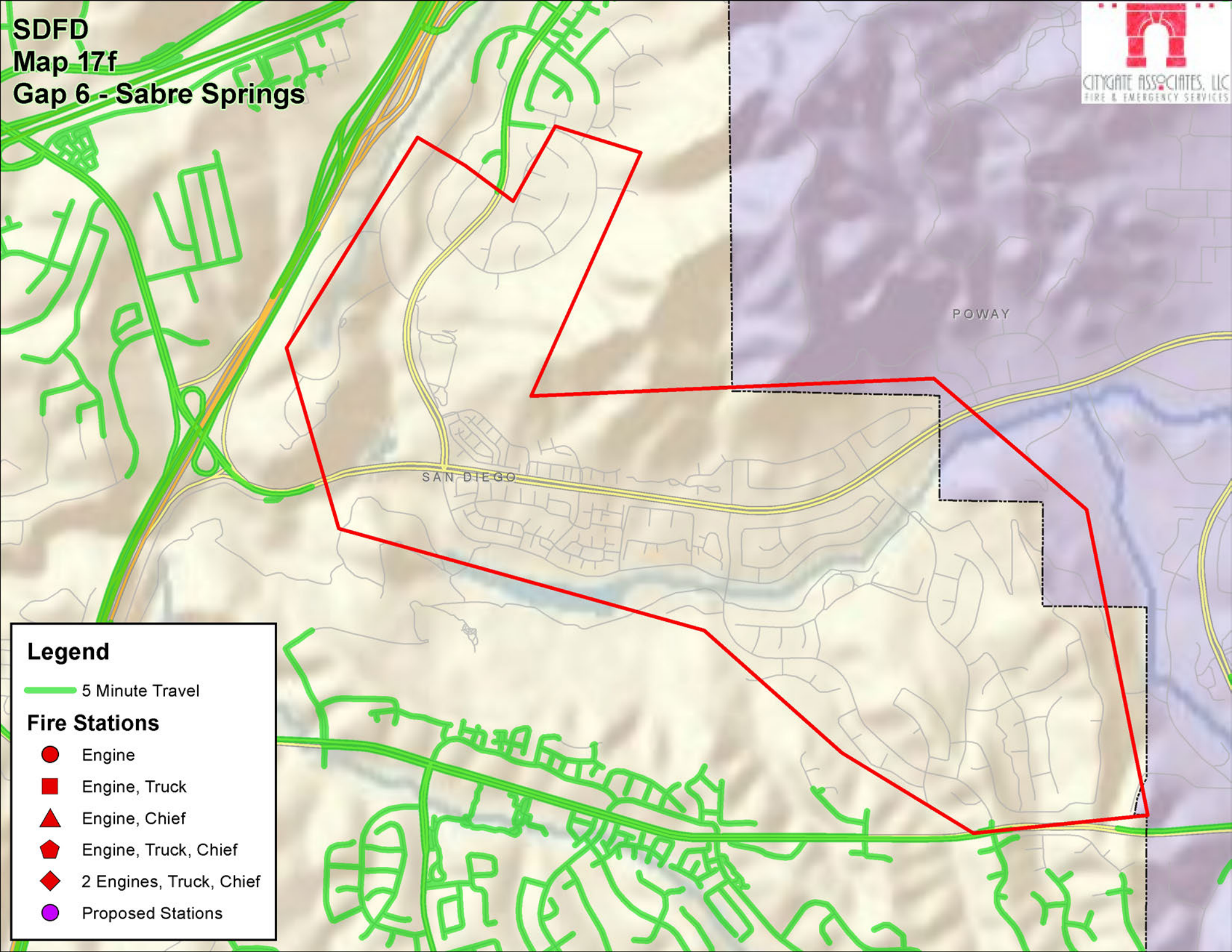
Legend

- 5 Minute Travel

Fire Stations

- Engine
- Engine, Truck
- Engine, Chief
- Engine, Truck, Chief
- 2 Engines, Truck, Chief
- Proposed Stations

**SDFD
Map 17f
Gap 6 - Sabre Springs**



Legend

- 5 Minute Travel
- Fire Stations**
- Engine
- Engine, Truck
- ▲ Engine, Chief
- ◆ Engine, Truck, Chief
- ◆ 2 Engines, Truck, Chief
- Proposed Stations