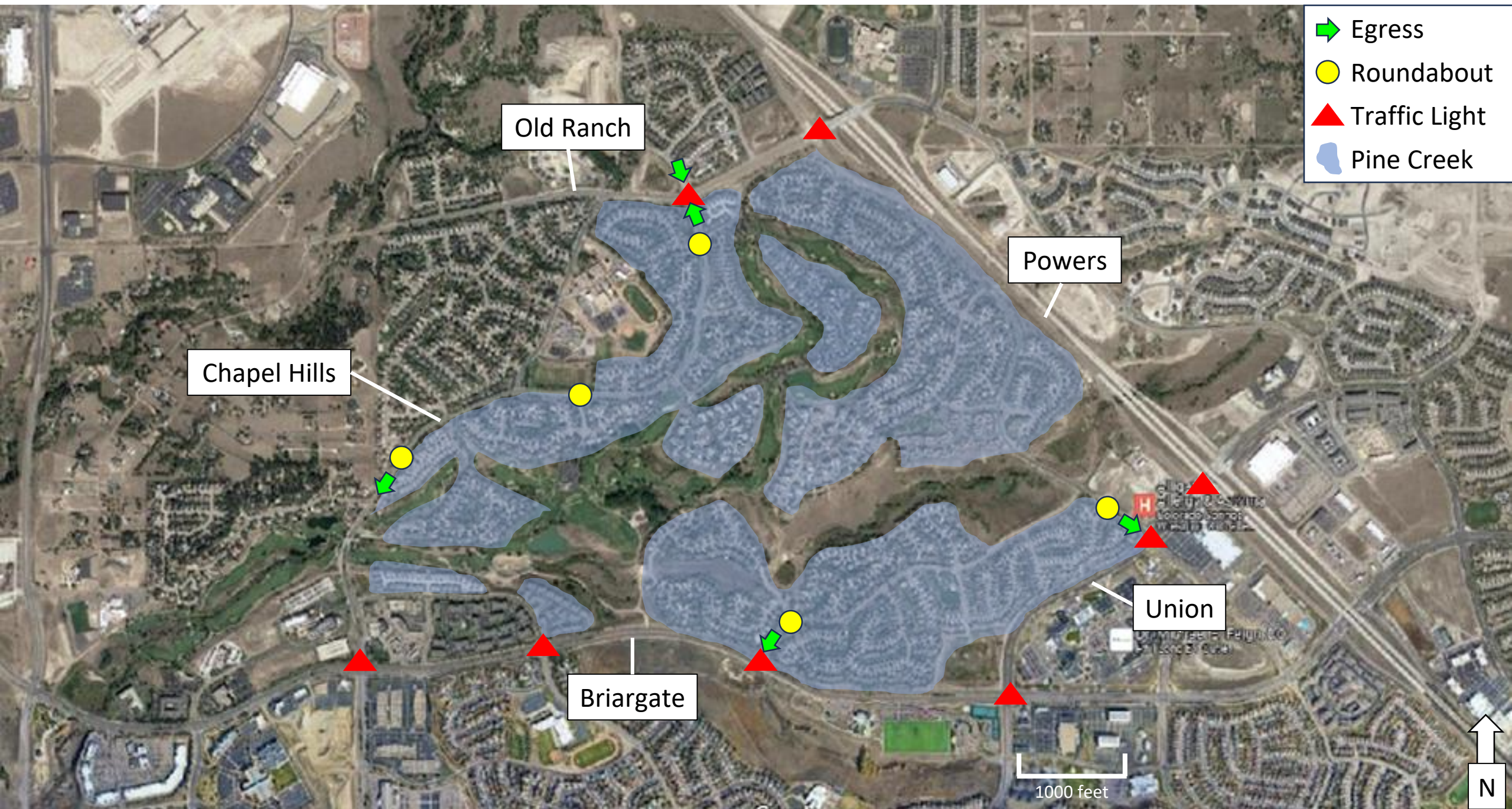


Pine Creek Village Overview



- ➔ Egress
- Roundabout
- ▲ Traffic Light
- 🌊 Pine Creek

Old Ranch

Powers

Chapel Hills

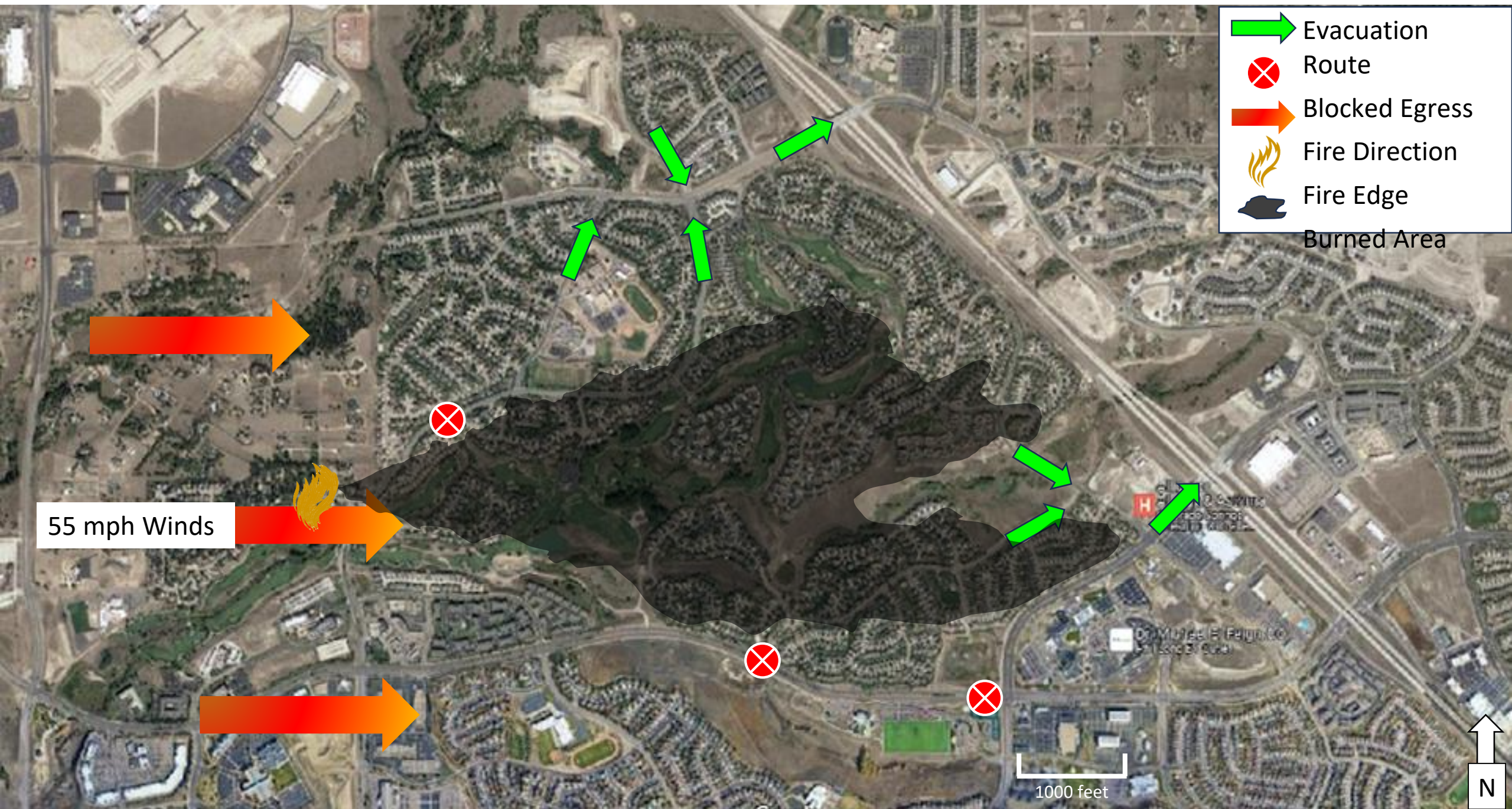
Union

Briargate

1000 feet



Simulated Wildfire Affecting Pine Creek 1 of 2



Simulated Wildfire Affecting Pine Creek 2 of 2



19 Dec 23

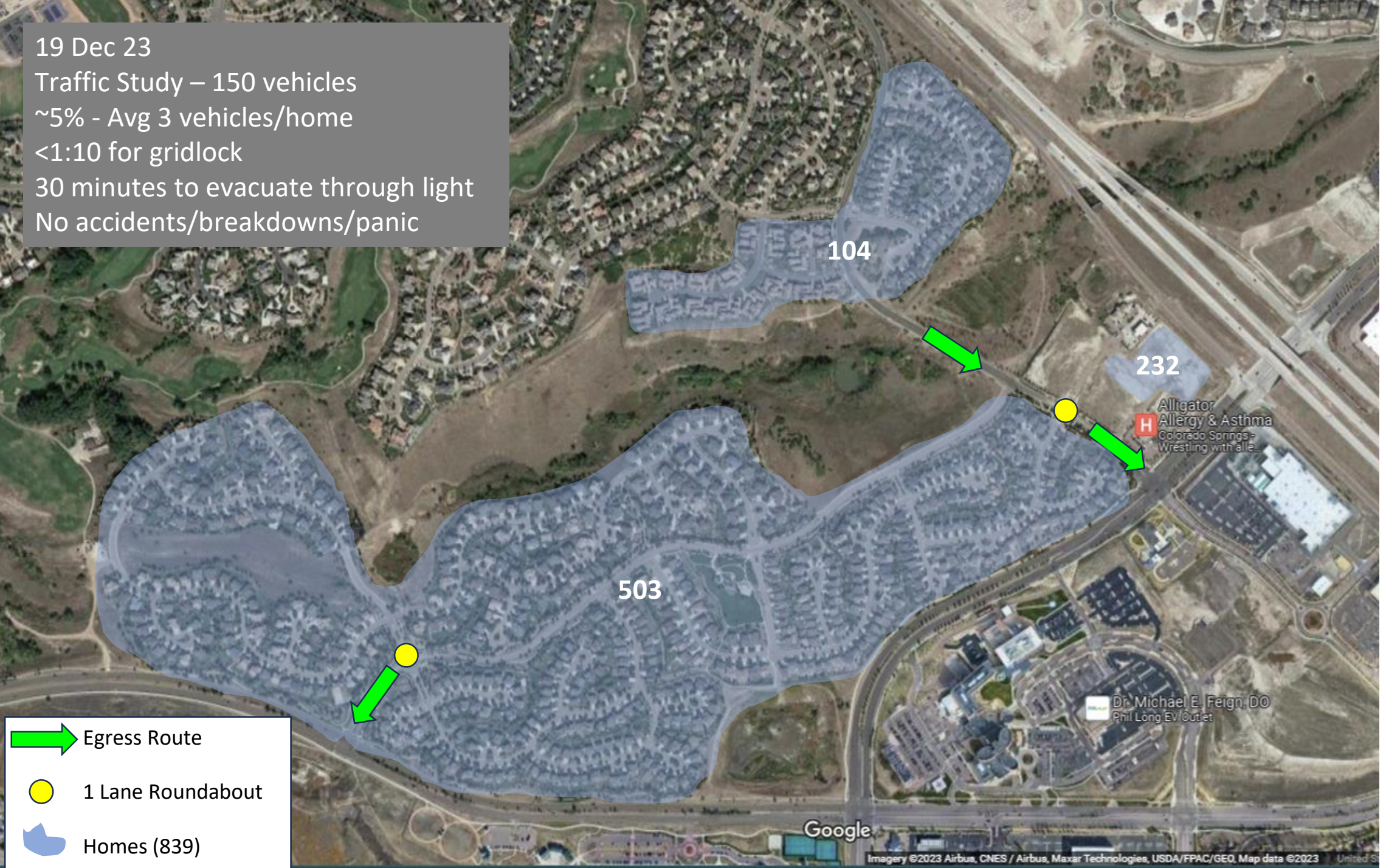
Traffic Study – 150 vehicles


~5% - Avg 3 vehicles/home

<1:10 for gridlock

30 minutes to evacuate through light

No accidents/breakdowns/panic



 Egress Route

 1 Lane Roundabout

 Homes (839)

Simulated Evacuation Study

Aerial View



View to Union St.



T = 0.5 min

T = 1.5 min

T = 5 min

T = 35 min

Note:

- Within 1.5 min there was roundabout was grid-locked.
- For 150 cars (~5% of the PCVA neighborhood) it took 50 minutes to clear