



Colorado Springs Wildfire Evacuation Planning

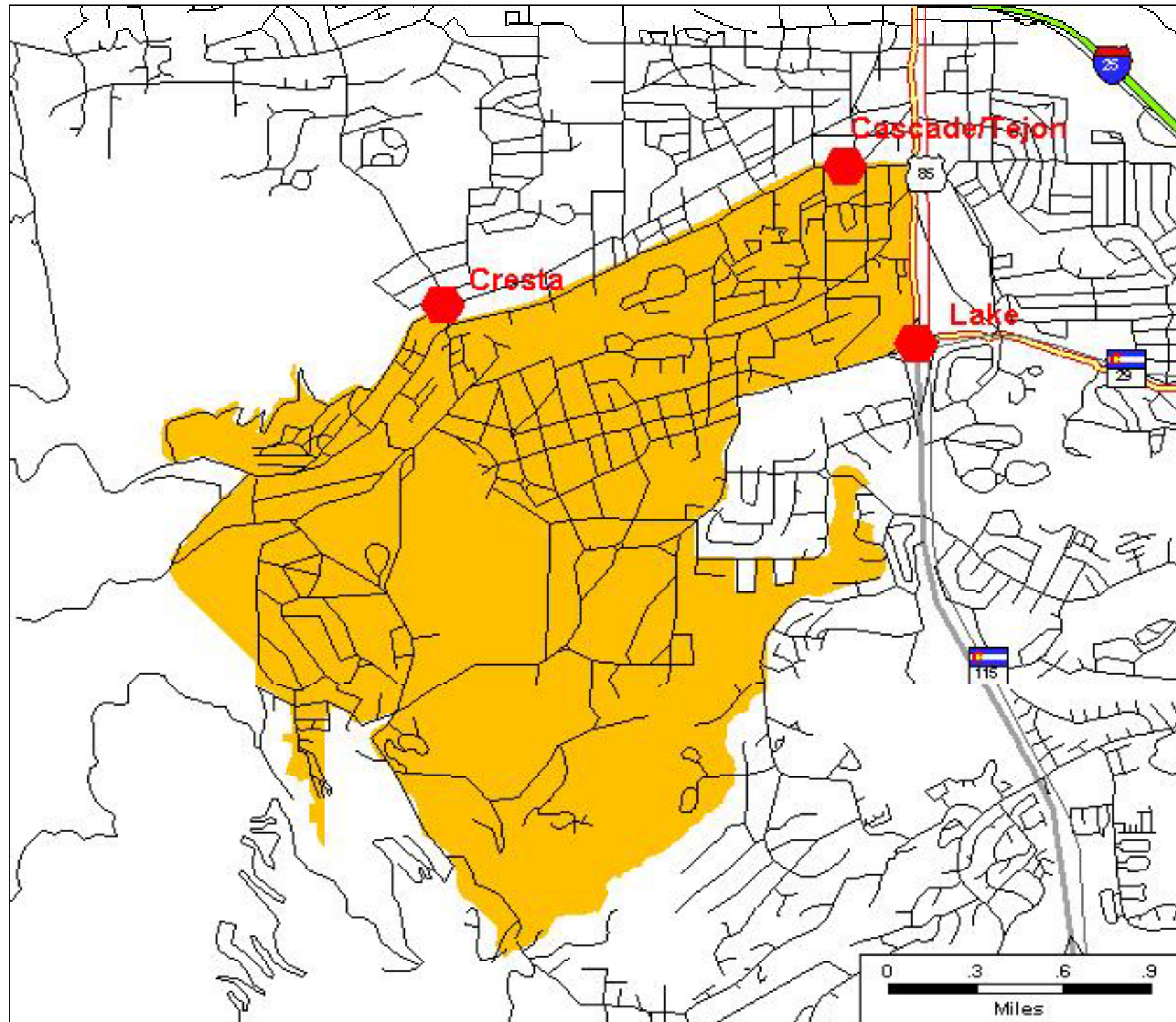
SCREENING ATLAS

Districts 1 - 9

PPACG Travel Model
Simulation Support

*Colorado Springs, Colorado
March, 2010*

Inventory of District 6



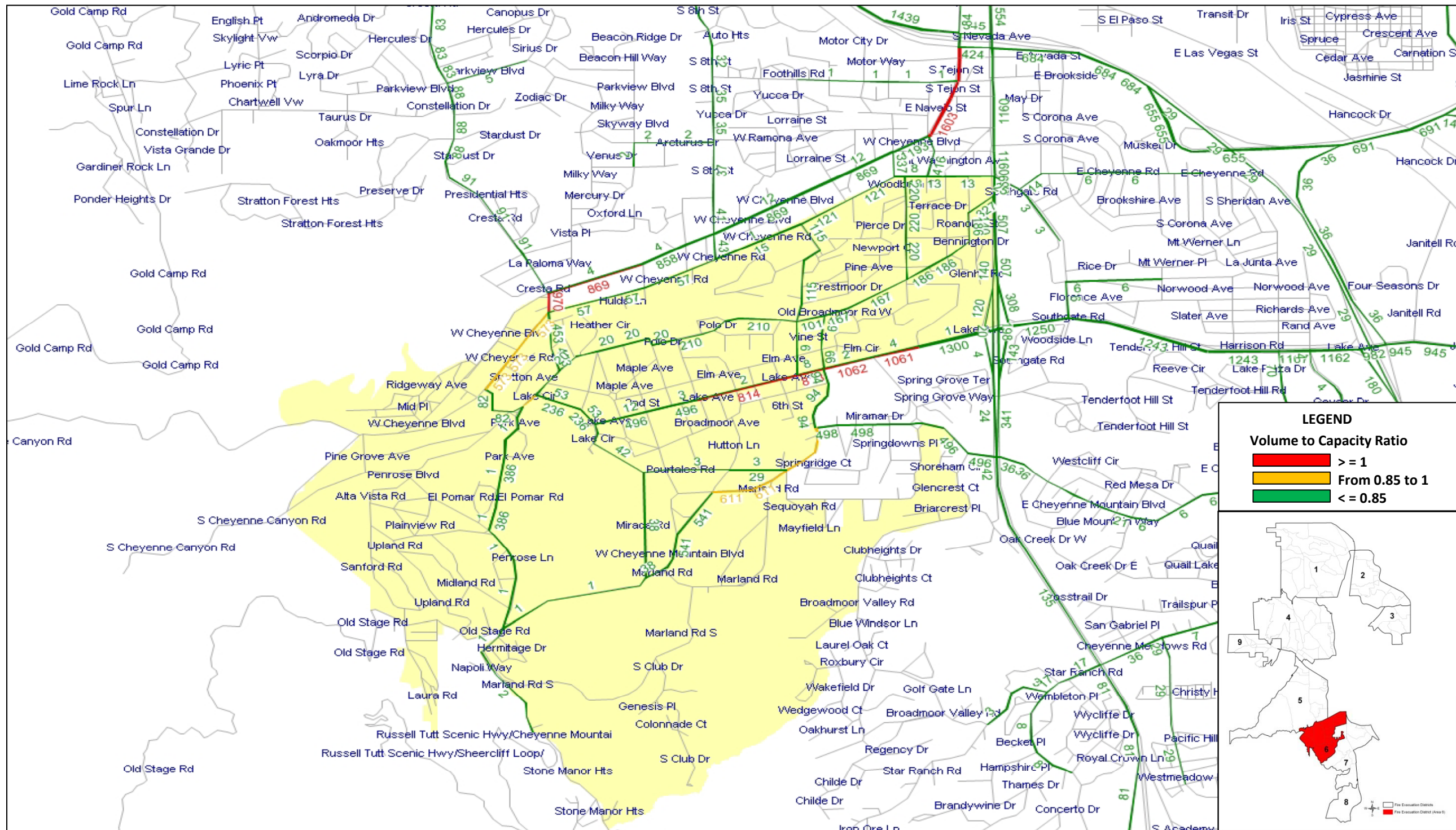
District 6 is bounded by Cheyenne Road on the north, US Highway 85 on the east, Cheyenne Mountain Zoo Road on the south, and the foothills on the west.

The estimated number of households is 2,700.

The district has an east-west distance across of about 2 miles; the distance north-south is about 2 miles. The households are generally located on the northern and eastern boundaries of the district.

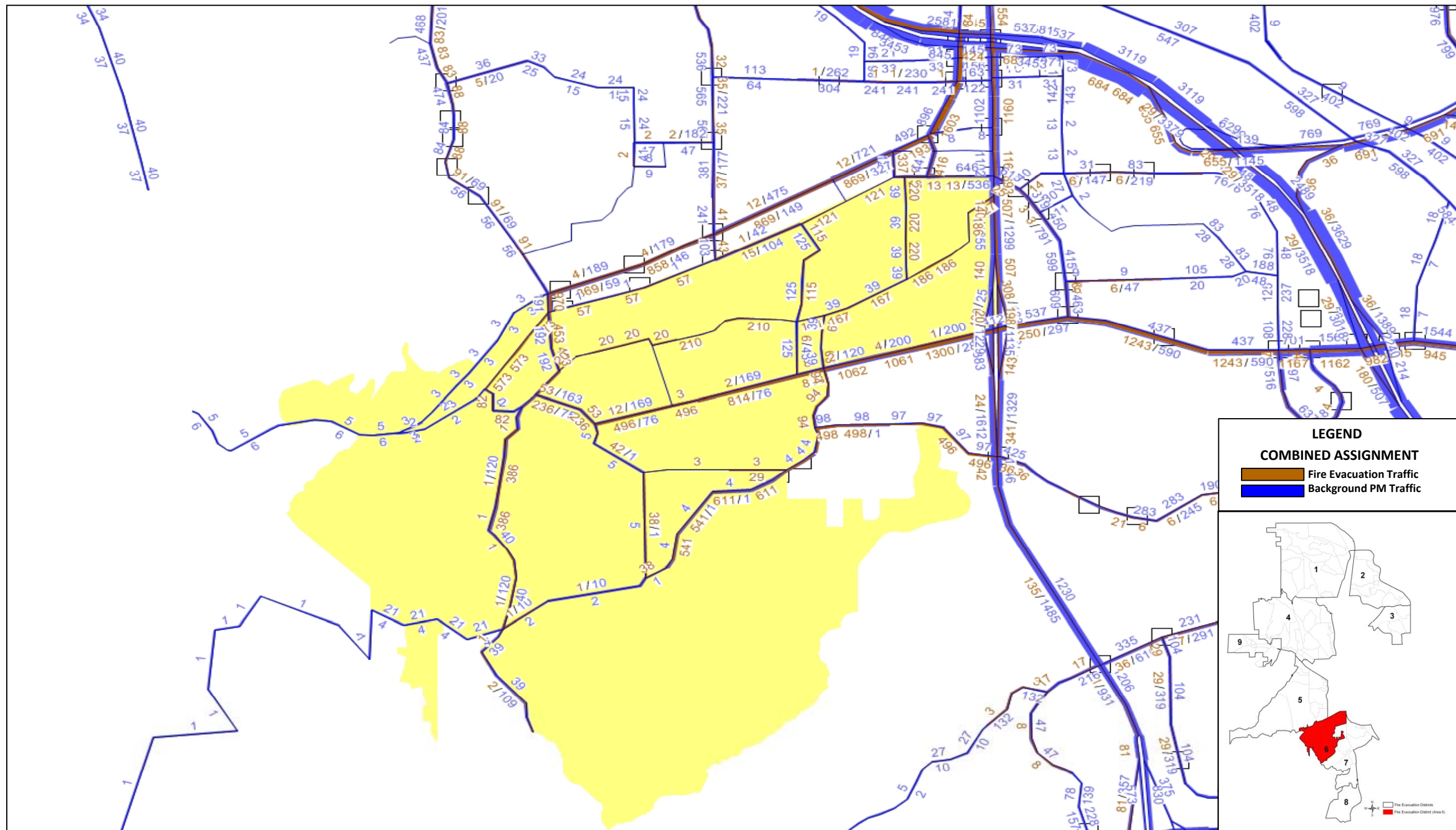
Major portals for egress are Cresta, Lake (Circle) and Cascade/Tejon.

Lake Avenue and Cascade/Tejon will play vital roles in providing exit routes to the evacuation traffic from District 6. The Lake / I-25 interchange will be an important location as well.



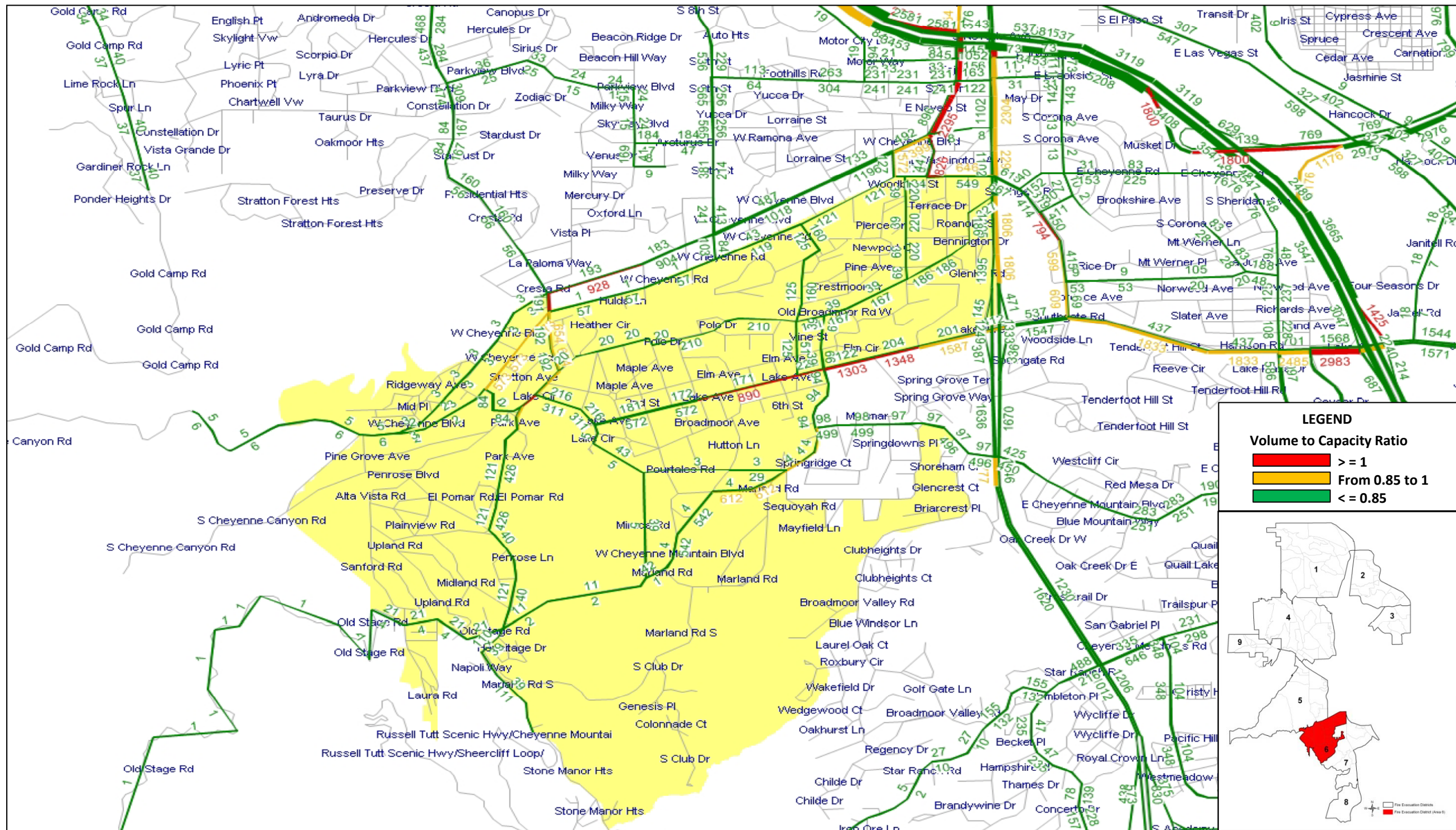
PPACG FIRE EVACUATION MODEL – STUDY YEAR 2010
DISTRICT 6
EVACUATION TRAFFIC ANNOTATED WITH
VOLUME TO CAPACITY RATIO (VIC) COLOR CODED





PPACG FIRE EVACUATION MODEL – STUDY YEAR 2010
DISTRICT 6
EVACUATION AND BACKGROUND TRAFFIC (HOURLY PM)
AND BANDWIDTHS

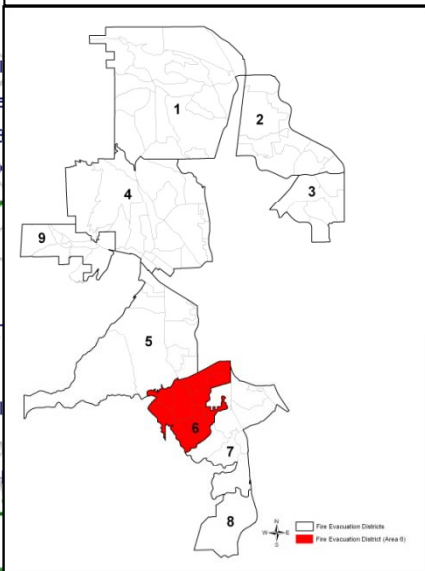




LEGEND

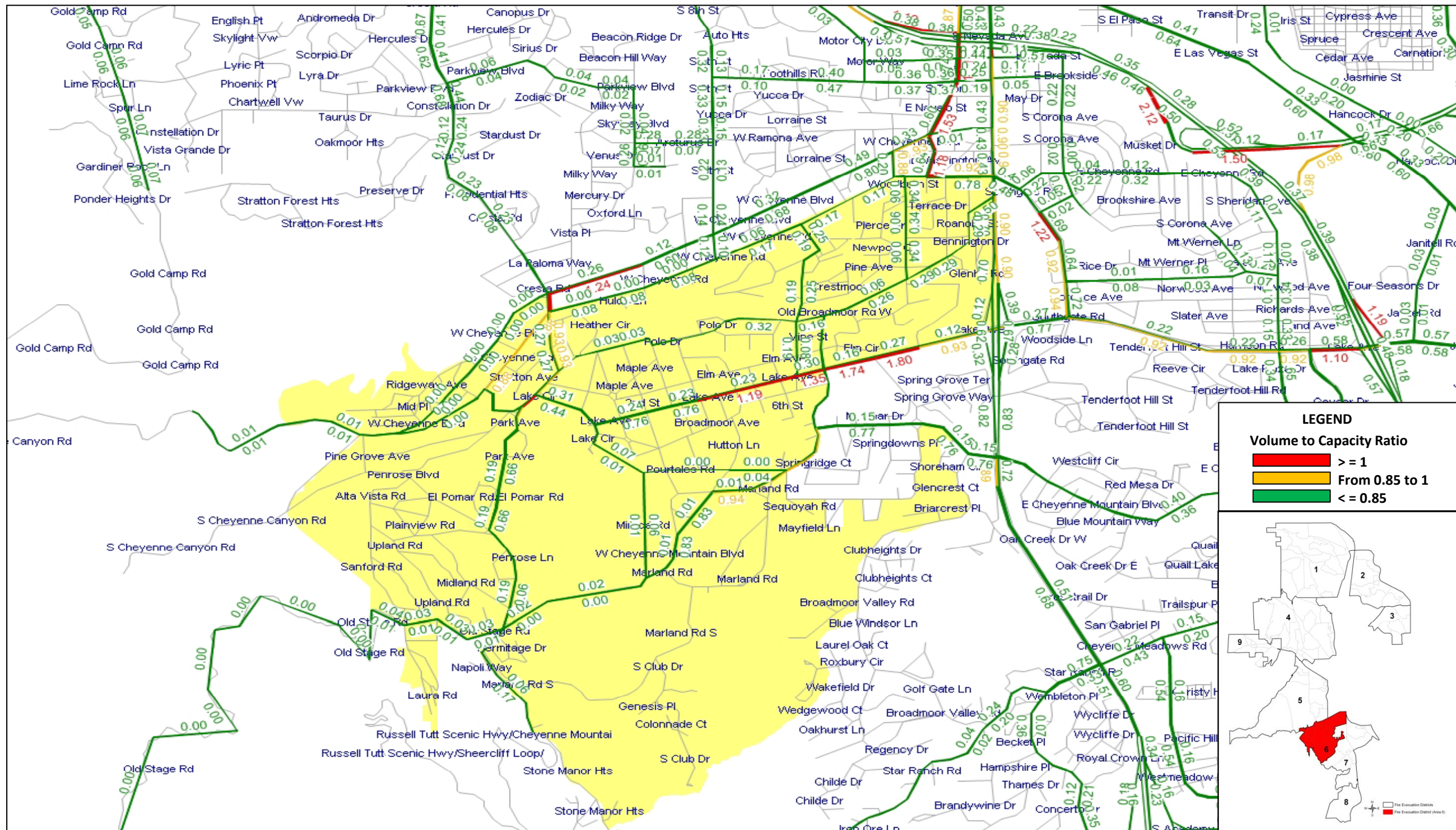
Volume to Capacity Ratio

█	>= 1
█	From 0.85 to 1
█	<= 0.85



PPACG FIRE EVACUATION MODEL – STUDY YEAR 2010
DISTRICT 6
EVACUATION AND BACKGROUND TRAFFIC (HOURLY PM)
V/C RATIO COLOR CODED





PPACG FIRE EVACUATION MODEL – STUDY YEAR 2010
DISTRICT 6
EVACUATION AND BACKGROUND TRAFFIC (HOURLY PM)
WITH V/C RATIO ANNOTATED



Findings for District 6

Evacuation Traffic (Page 6-2)

Of the major portals for egress, West Cheyenne Boulevard to Tejon Street (north egress) and Lake Avenue (east egress) carry the highest level of evacuation traffic.

I-25 and its on ramps can carry the evacuation traffic with no congestion occurring.

Internally, Cheyenne Mountain Boulevard and Lake cannot support the evacuation traffic, and produce V/C ratios of greater than 1.

Evacuation + Background Traffic (Pages 6-4 and 6-5)

Regional background traffic uses I-25 in both directions (north and south) to a high degree. The interchanges and I-25 approaches used by the evacuation traffic (Tejon Street and Nevada Avenue) are also important for the background traffic.

Circle Drive carries a high level of both evacuation and background PM traffic towards the east.



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