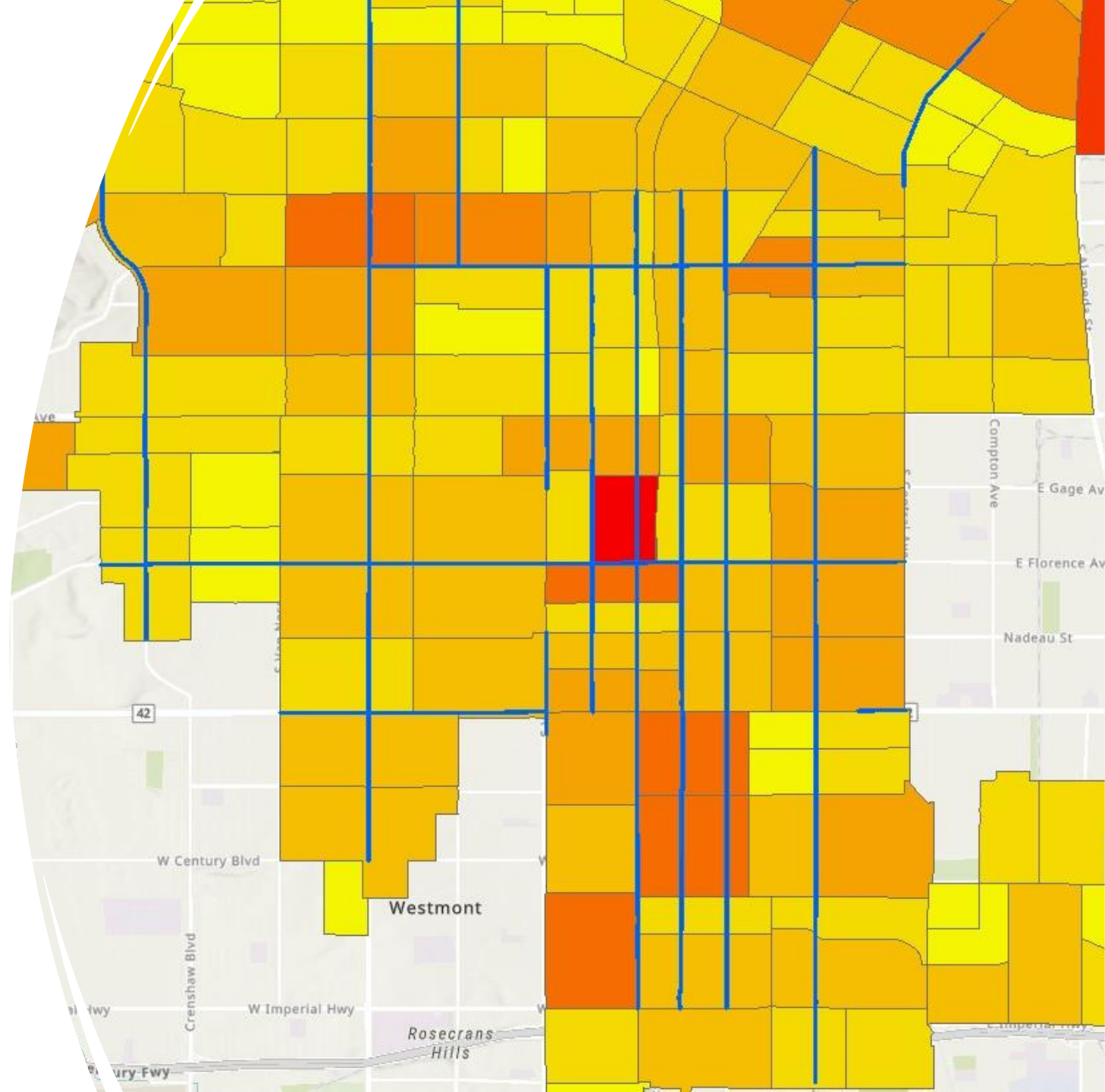
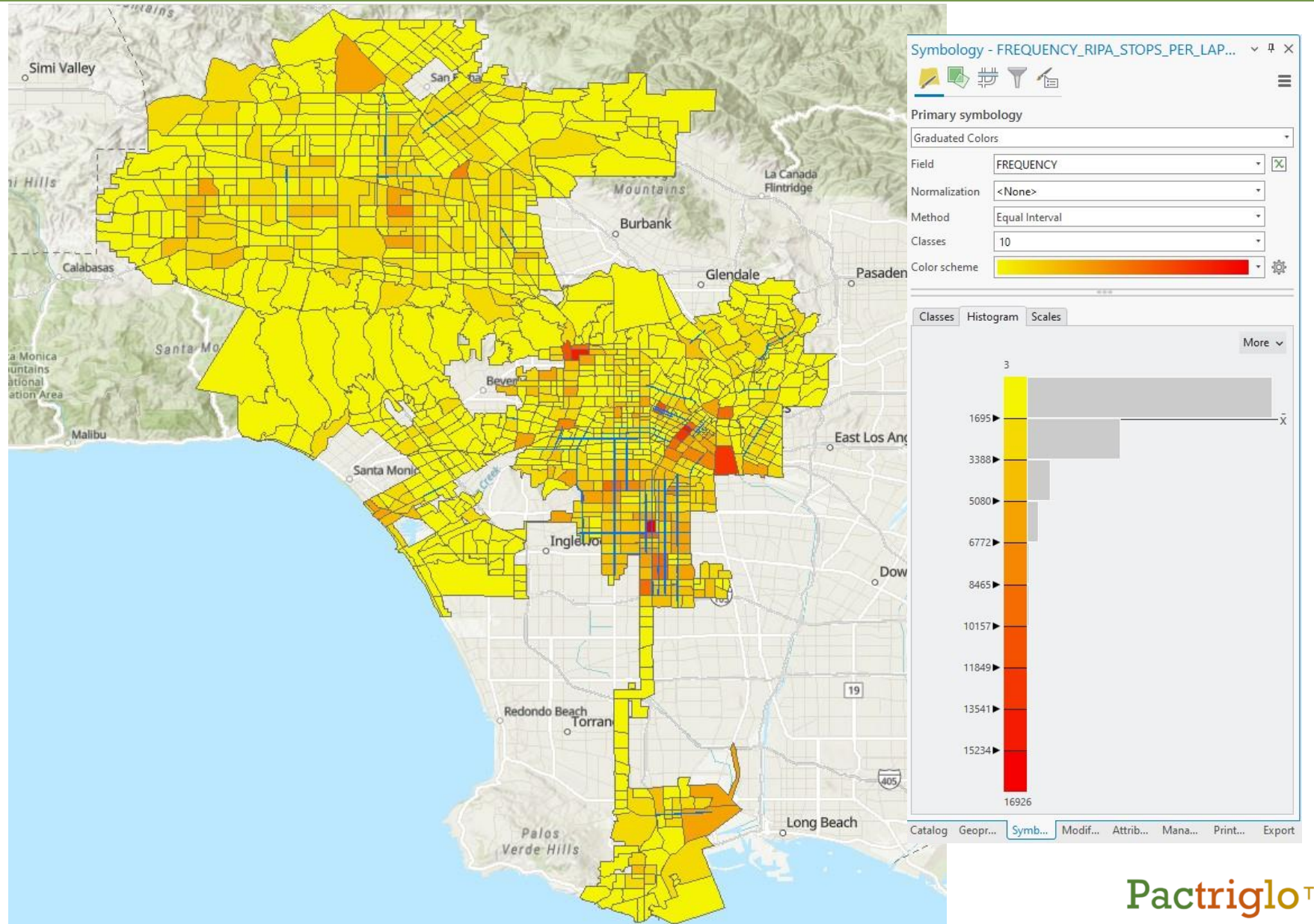
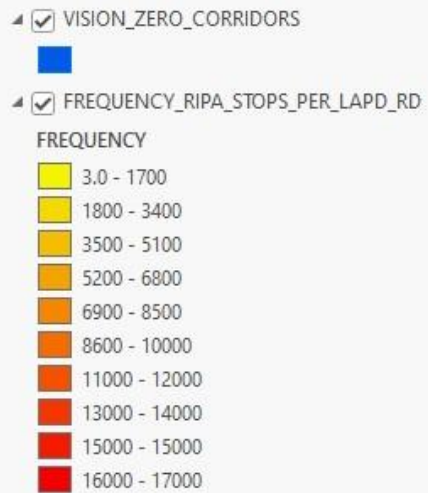


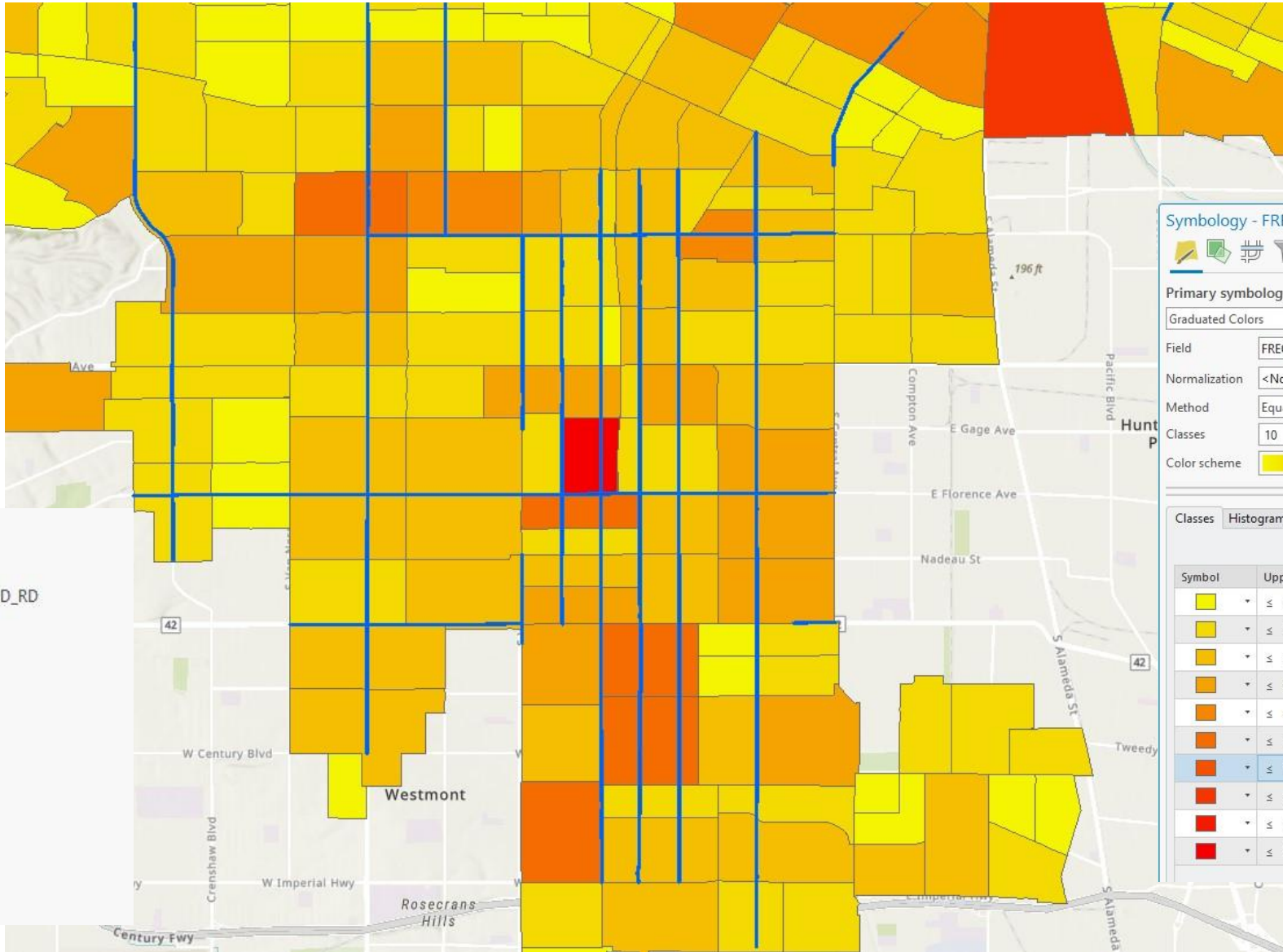
RIPA Stop Frequencies and Vision Zero Corridors



Equal Interval Distribution of Stops into 10 Classes



South Los Angeles



- VISION_ZERO_CORRIDORS
 - FREQUENCY_RIPA_STOPS_PER_LAPD_RD
- FREQUENCY**
- 3,0 - 1700
 - 1800 - 3400
 - 3500 - 5100
 - 5200 - 6800
 - 6900 - 8500
 - 8600 - 10000
 - 11000 - 12000
 - 13000 - 14000
 - 15000 - 15000
 - 16000 - 17000

Symbology - FREQUENCY_RIPA_STOPS_PER_LAPD_RD

Primary symbology

Graduated Colors

Field: FREQUENCY

Normalization: <None>

Method: Equal Interval

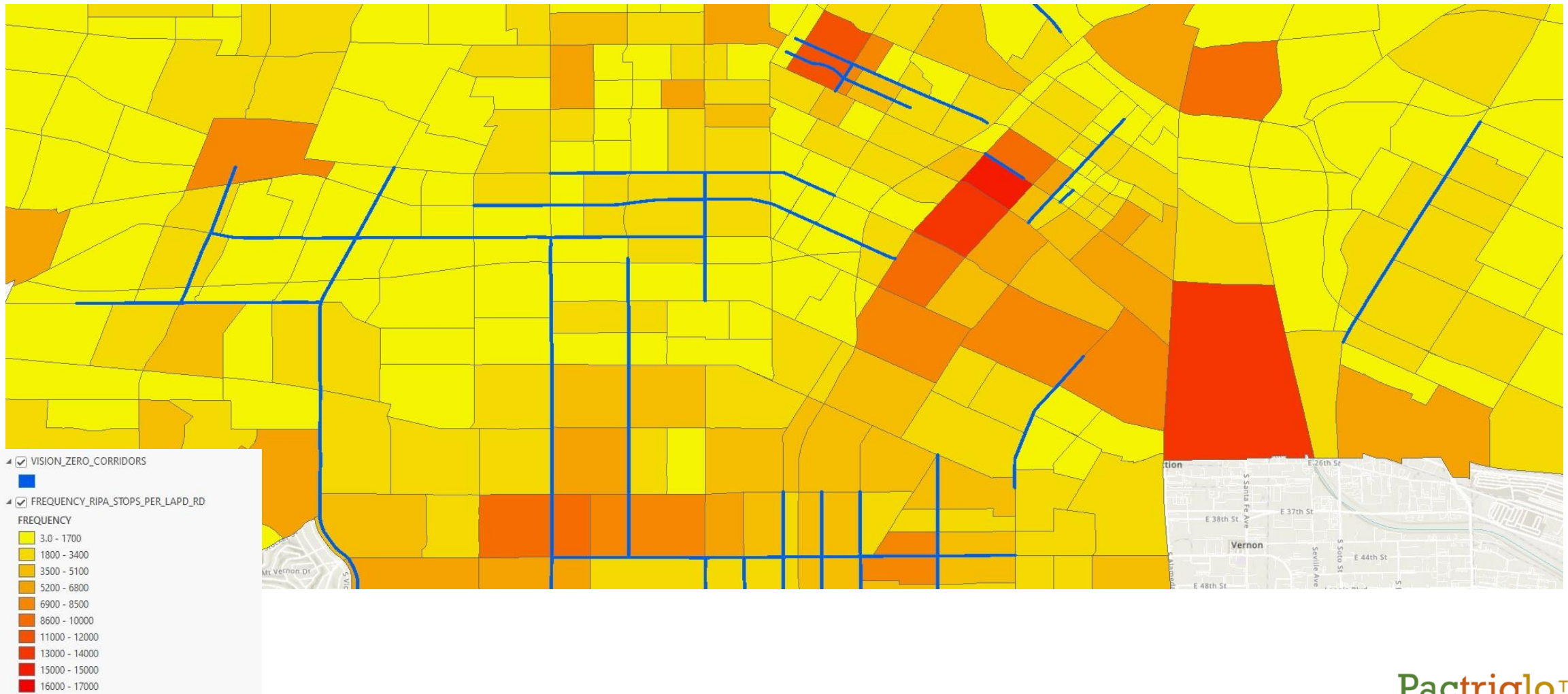
Classes: 10

Color scheme: [Color gradient bar]

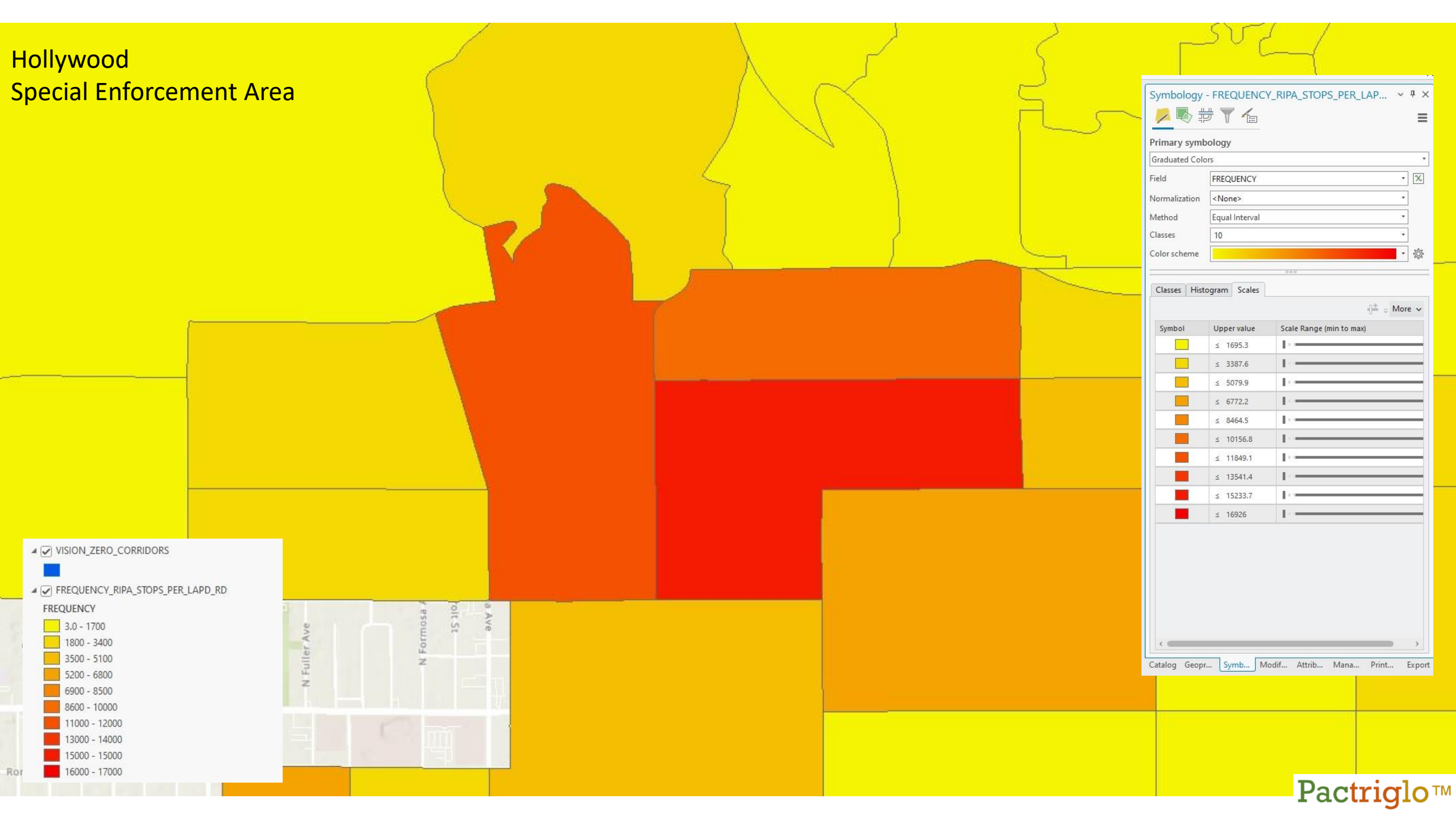
Classes | Histogram | Scales

Symbol	Upper value	Label
[Yellow]	≤ 1695.3	3,0 - 1700
[Light Yellow]	≤ 3387.6	1800 - 3400
[Yellow-Orange]	≤ 5079.9	3500 - 5100
[Orange]	≤ 6772.2	5200 - 6800
[Dark Orange]	≤ 8464.5	6900 - 8500
[Red-Orange]	≤ 10156.8	8600 - 10000
[Red]	≤ 11849.1	11000 - 12000
[Dark Red]	≤ 13541.4	13000 - 14000
[Very Dark Red]	≤ 15233.7	15000 - 15000
[Black]	≤ 16926	16000 - 17000

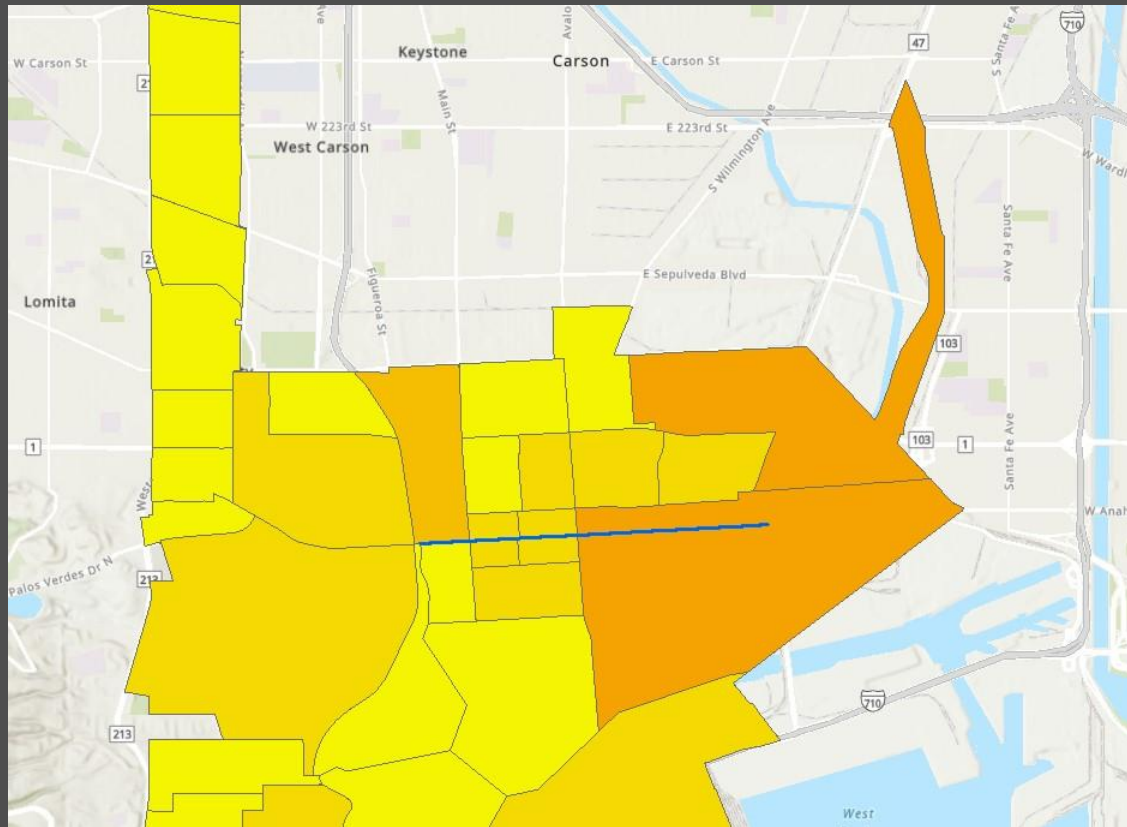
Central Los Angeles



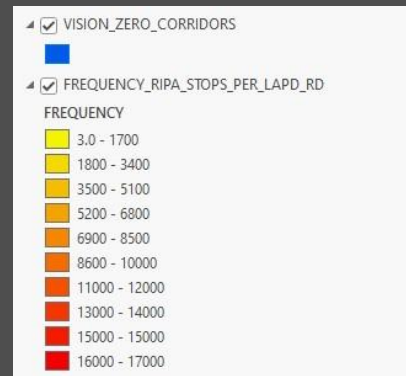
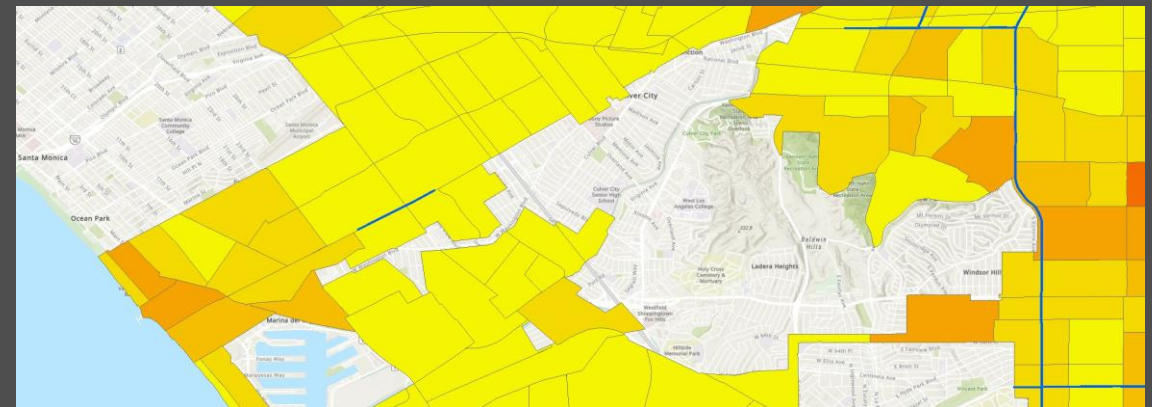
Hollywood Special Enforcement Area



Wilmington



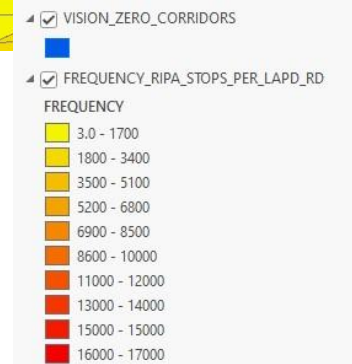
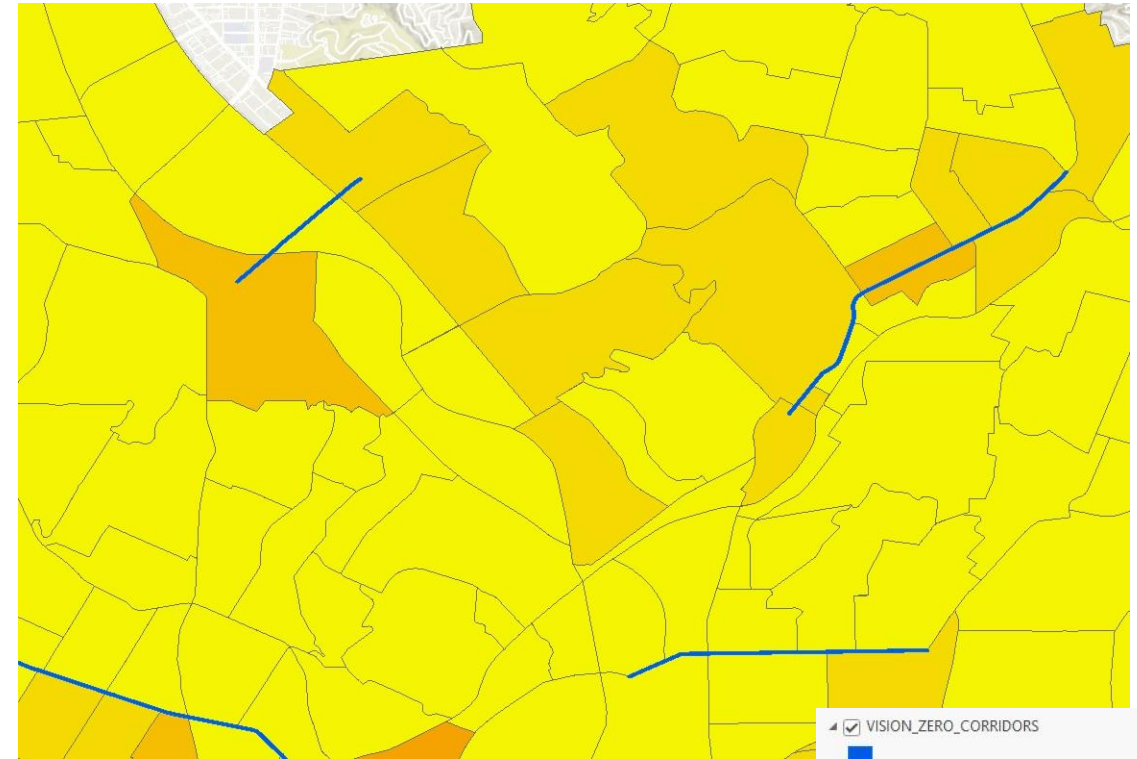
Venice and Crenshaw Corridor



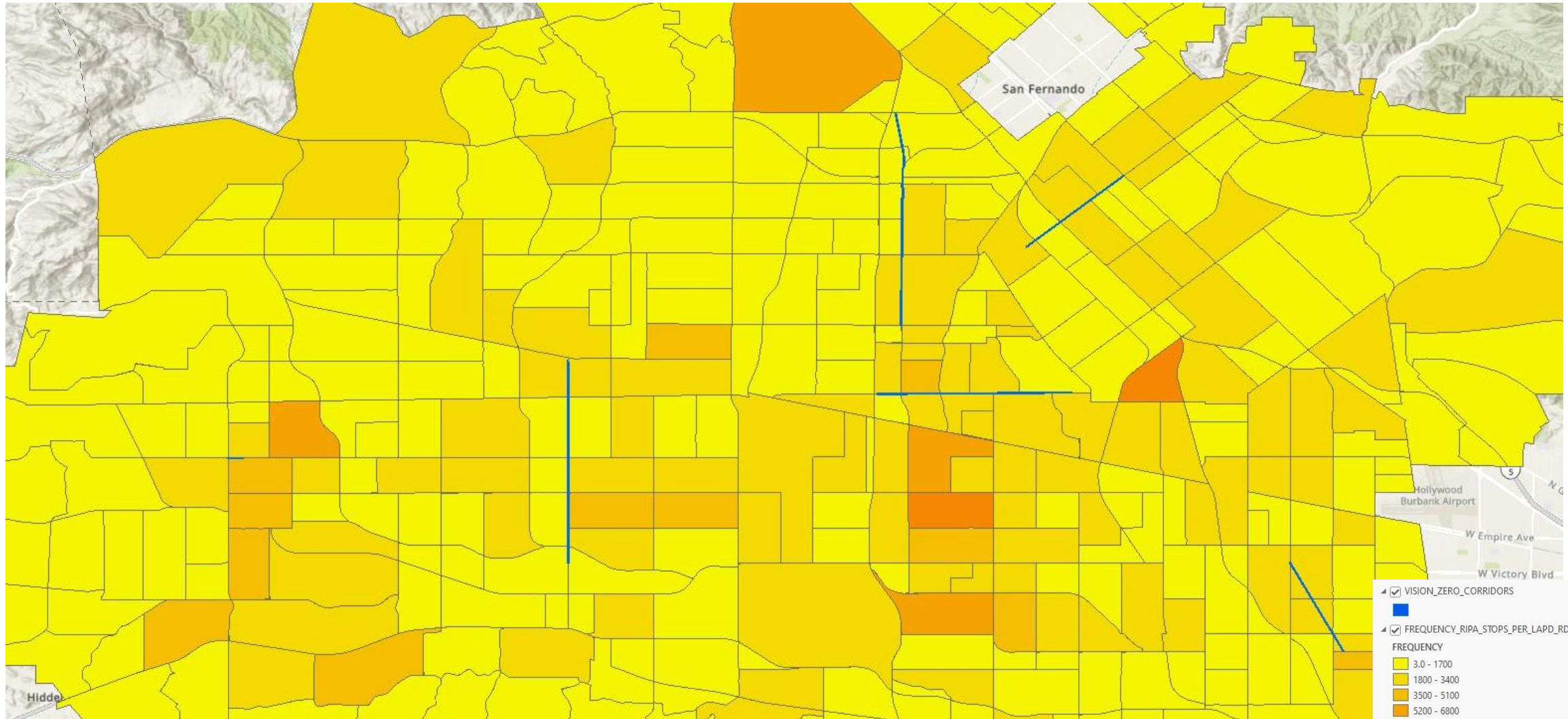
MacArthur Park and Figueroa Entertainment Corridor



Northeast Los Angeles



San Fernando Valley



- VISION_ZERO_CORRIDORS
- FREQUENCY_RIPA_STOPS_PER_LAPD_RD

FREQUENCY

3,0 - 1700
1800 - 3400
3500 - 5100
5200 - 6800
6900 - 8500
8600 - 10000
11000 - 12000
13000 - 14000
15000 - 15000
16000 - 17000

Tech Stack

ArcGIS Pro 3.0

Microsoft Excel

Windows for Workstations

HP Z440 Workstation

Pactriglo, Inc

9465 Wilshire Blvd, Ste 300
Beverly Hills, CA 90212

(310) 774-0295 o

pactriglo.com

Methodology

[LAPD RIPA \(AB 953\) STOP Incident Details from 1/1/2020 to 11/2/2022](#)

[LAPD Reporting District](#)

[Vision Zero Prioritized Corridors](#)

Using ArcGIS Pro and data engineering, processed the LAPD RIPA data into a new table based upon the number of stops per LAPD Reporting District (RD). Joined that Number of Stops (frequency) by RD to the geospatial file of the 1100+ LAPD RDs.

Then using symbology tools, color-coded each RD into one of ten equal interval classes. The geospatial file of the Vision Zero Prioritized Corridors was overlaid and given a color contrasting to the gradient used in sorting RD by number of stops. Screenshots of all the symbology setting have been included for reference and replication.

Next steps? Identify the correlation ratio between number of stops per RD and proximity to Vision Zero Prioritized Corridor using Geographically Weighted Regression and/or other geospatial analysis tools.