

SOUTHERN CALIFORNIA ASSOCIATION OF GOVERNMENTS

# Duarte Town Center Greening and Traffic Calming Plan

for the City of Duarte, California

Existing Conditions Report  
DRAFT



In association with:  
KOA CORPORATION | ECONOMIC & PLANNING SYSTEMS



Duarte/  
City of Hope





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# Project Overview

City of Duarte adopted the **Duarte Town Center Specific Plan** in 2016. This forward-thinking plan provides incentives for new, high-quality development and sets a high standard for public realm improvements that will enhance storm water quality, pedestrian safety, and multi-modal access.

Through traffic calming efforts on Huntington Drive—including curb bulbouts, additional street crossings, and parklets—as well as additional bicycle and pedestrian improvements along Buena Vista Street and Highland Avenue, the overall pedestrian experience will be enhanced, and walking to new shops, restaurants, and the Gold Line Station will become a much more pleasant and safer experience.

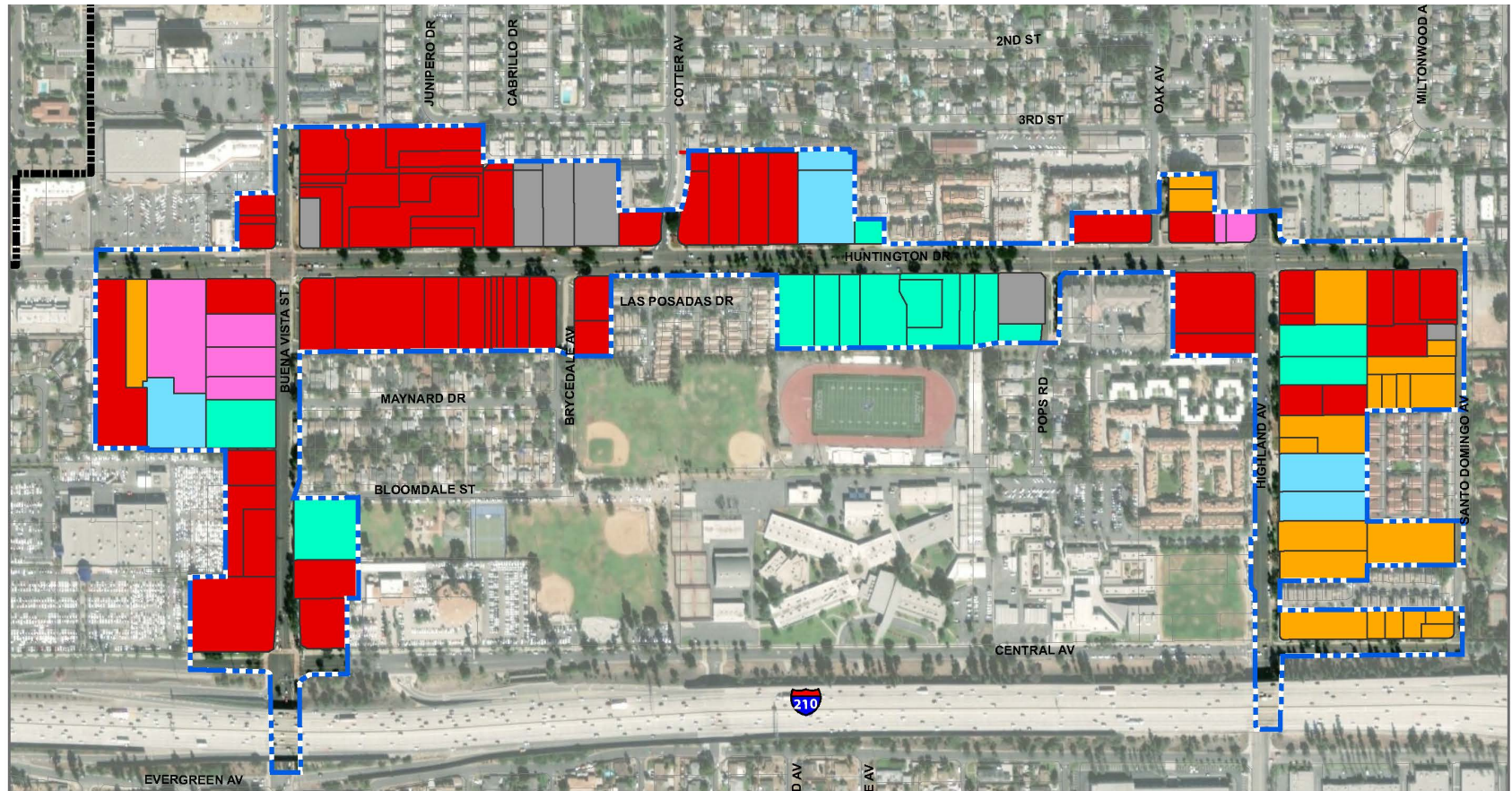
The **Greening and Traffic Calming Plan** is a direct implementation measure of the Specific Plan. Building on current and past planning efforts, this project will address existing constraints to create complete streets for Duarte residents, to leverage existing assets and work to date, and to develop a clear path toward an interconnected network of green open spaces that provide safe, healthy, and identifiable public realm improvements in the Duarte Town Center.

A photograph of a group of people, mostly young adults, participating in a community activity like planting or a cleanup. They are outdoors, with some people holding tools or bags. A red bag with the 'City Arts' logo is visible in the foreground. The entire image is overlaid with a semi-transparent reddish-brown filter.

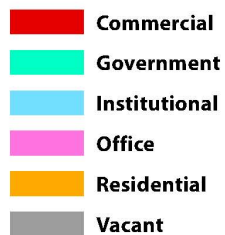
# EXISTING LAND USE



Figure 1: Existing Land Use



**Existing Land Use**



**Key Destinations include:**

- Metro Gold Line Duarte Station
- Duarte Public Library
- Big Lots and Grocery Outlet Shopping Centers
- Duarte High School and CSArts
- City Hall

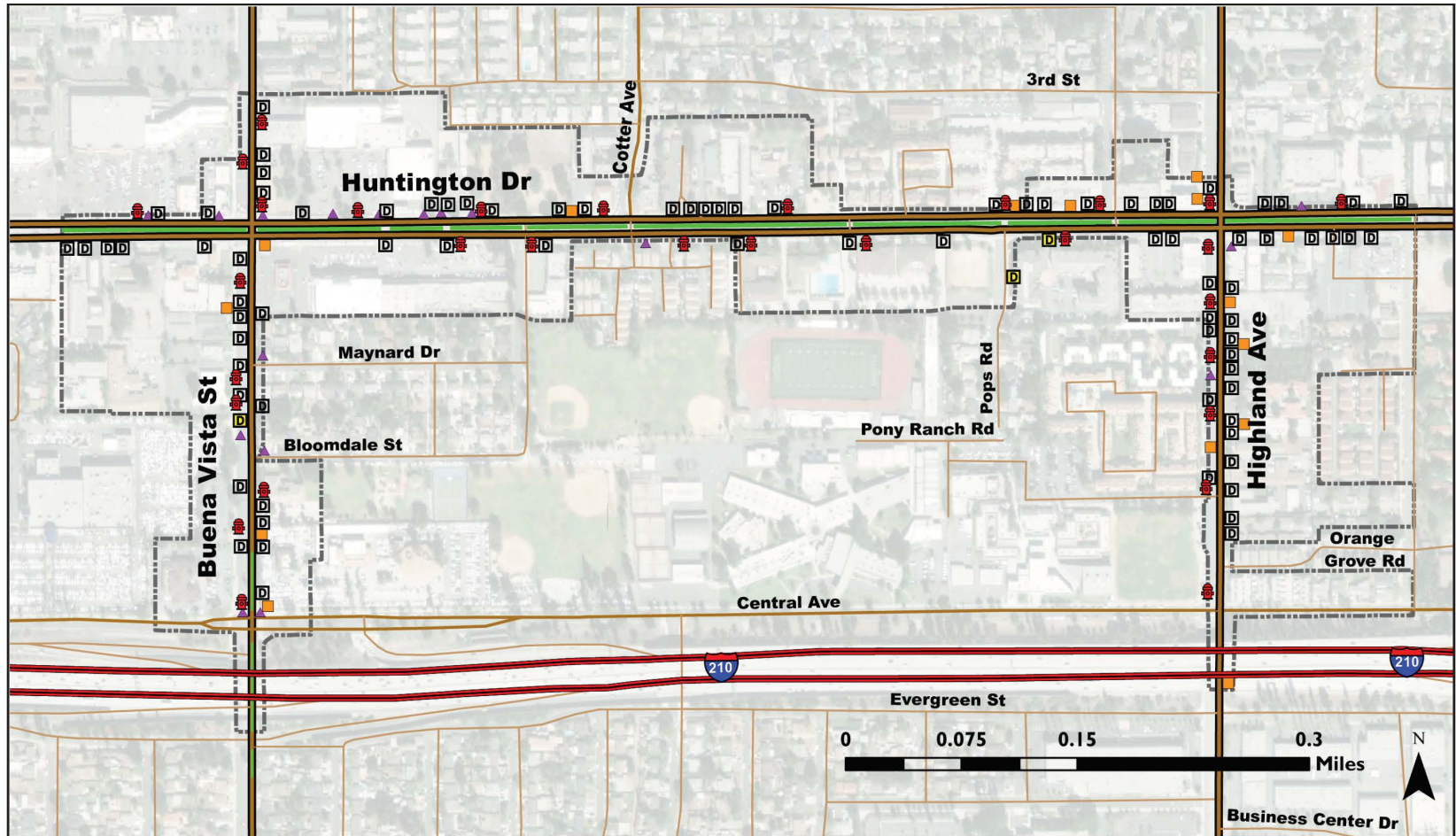


A group of people, including children and adults, are gathered outdoors for a community activity. Some are holding tools like shovels, and one person is holding a red bag with the 'City of Arts' logo. The scene is set in a grassy area with trees and a building in the background. The entire image is overlaid with a semi-transparent reddish-brown filter.

# HYDROLOGY AND UTILITIES



Figure 2: Hydrology and Utilities



### Legend

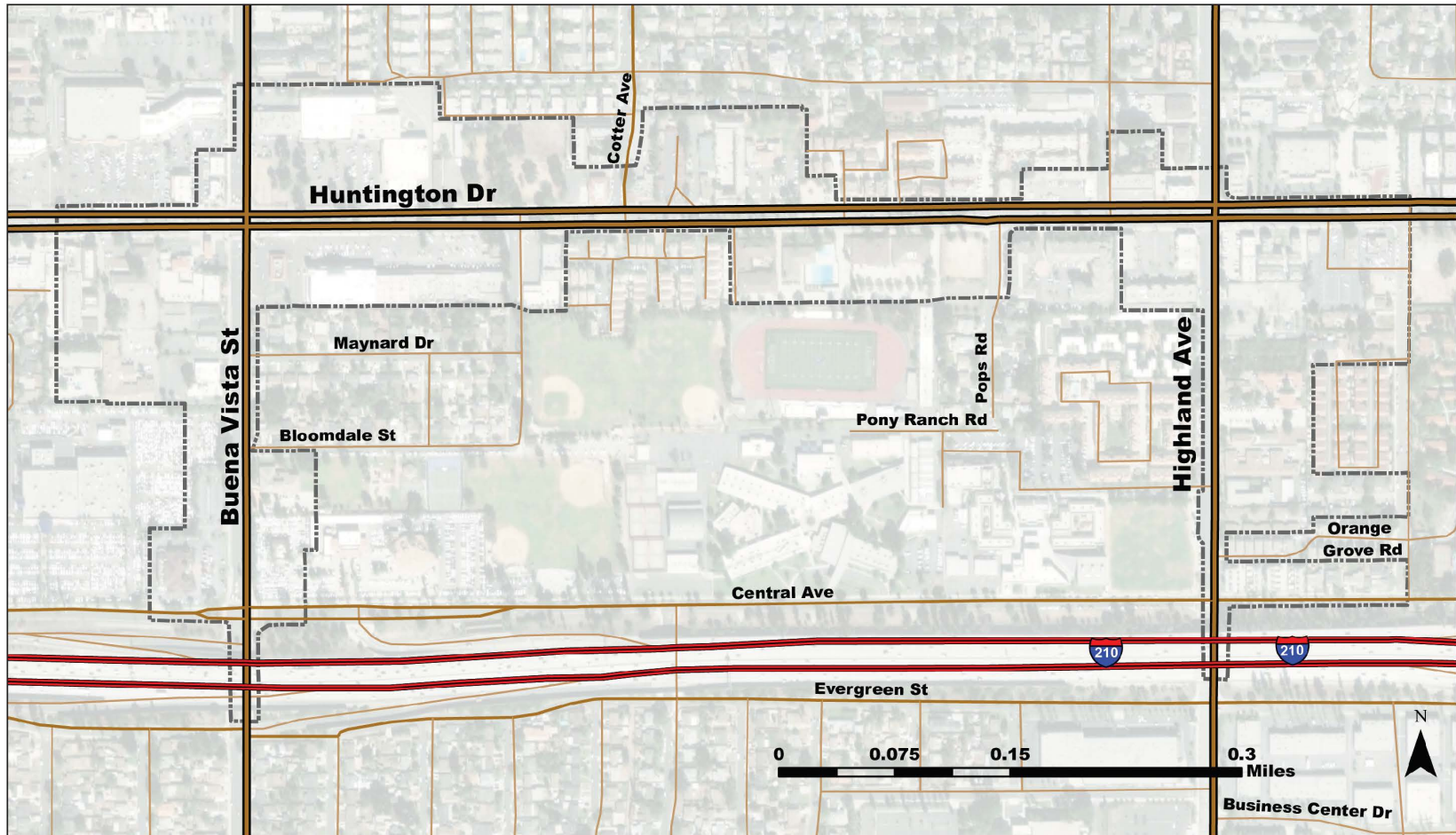
Driveways	Electric Box	Hydrant	Median	Storm Drain
Sloping				
Not Sloping				





# ROADWAY CLASSIFICATIONS, DIMENSIONS, AND FACILITIES

Figure 3: Roadway Classifications (per Duarte General Plan)



Legend

- Local
- Collector
- Arterial

Figure 4: Roadway Dimensions of Study Area Arterials

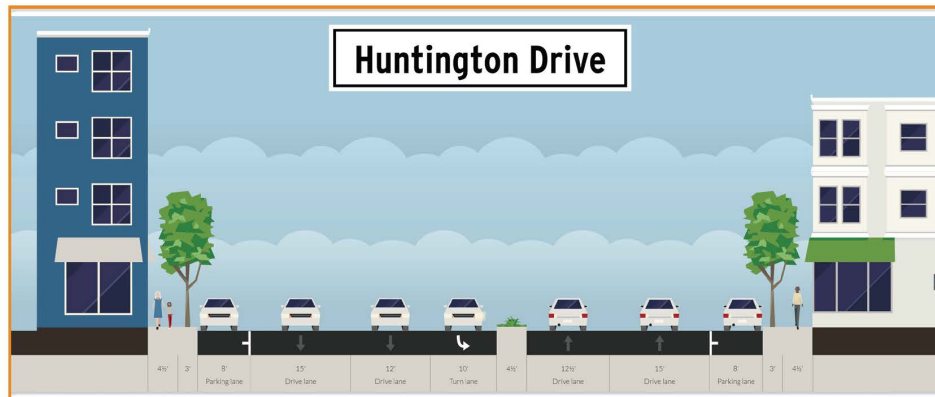
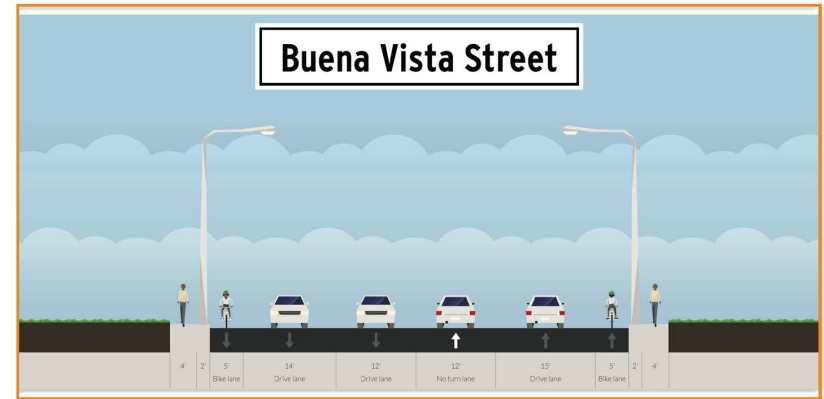
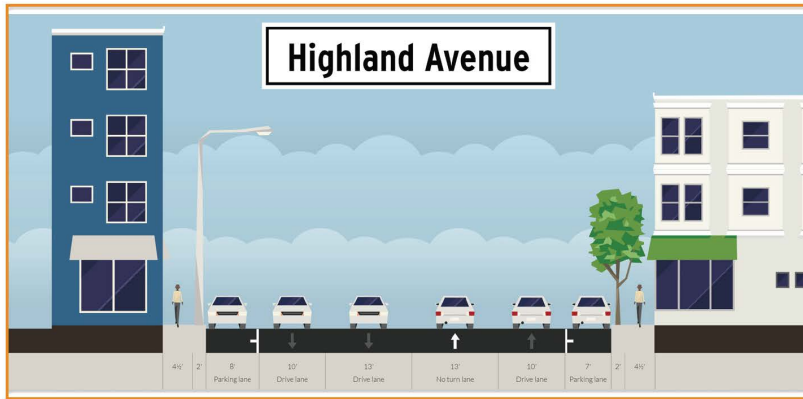
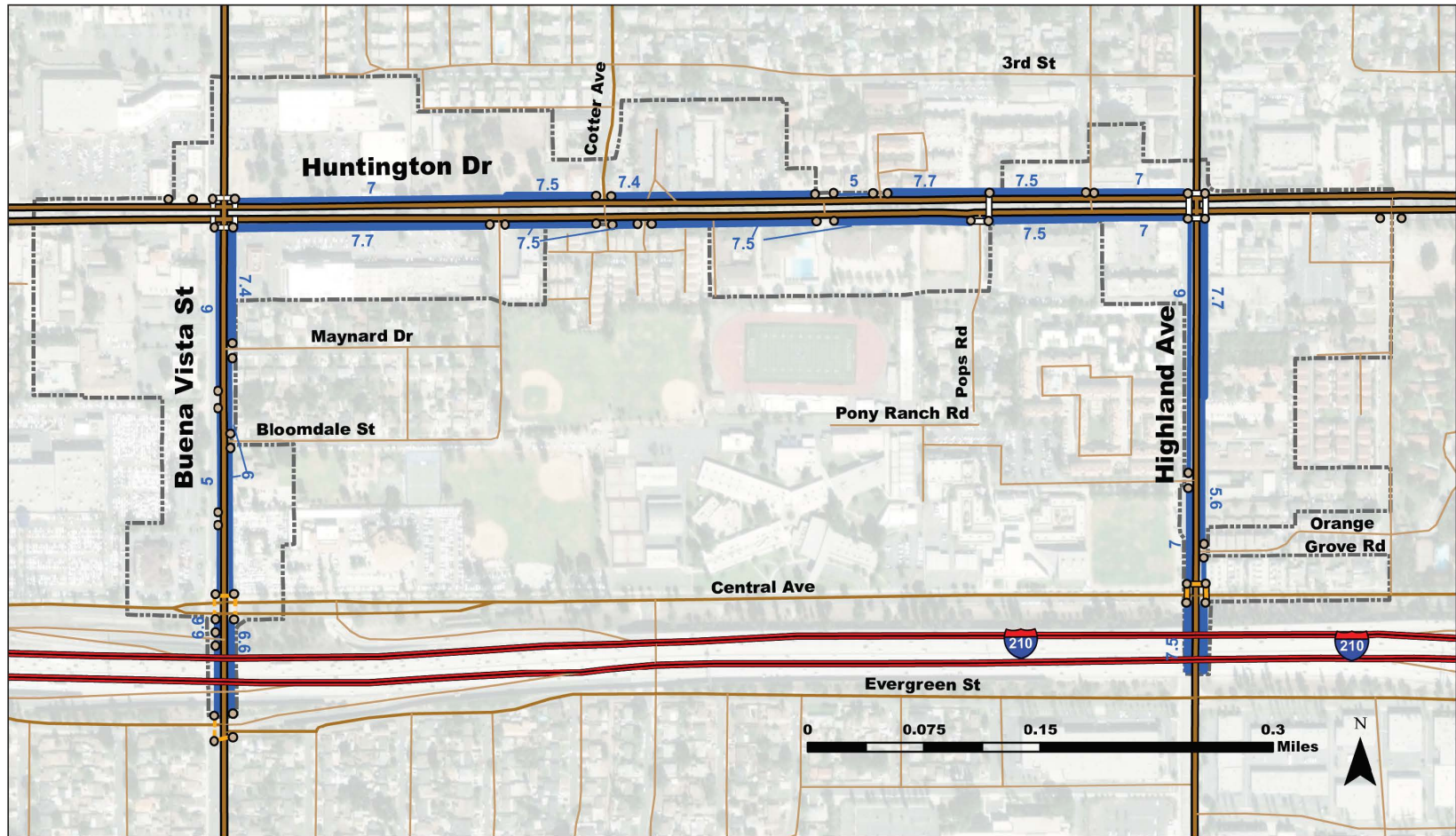




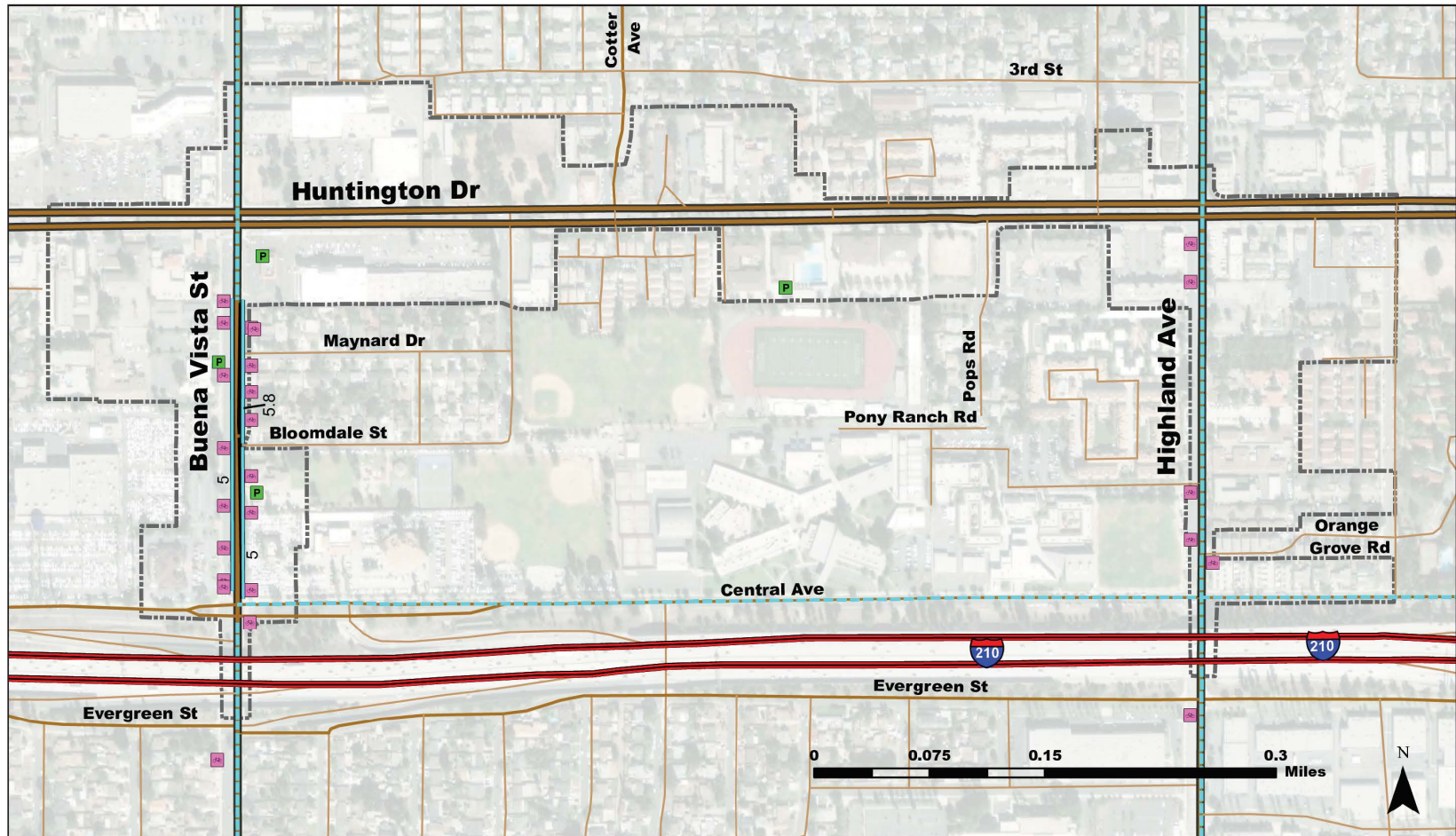
Figure 5: Pedestrian Facilities



### Legend


(width in feet) sidewalk				Crosswalk		Curb Ramp
5 or less	5.1 to 6	6.1 to 7	7.1 to 8	White, high-visibility	Yellow, high-visibility	
				White, standard	Yellow, standard	○

Figure 6: Bicycle Facilities



Legend

- |                 |                     |                   |
|-----------------|---------------------|-------------------|
| <b>Bikeways</b> | <b>Bike Parking</b> | <b>Bike Signs</b> |
| Bike Lane       |                     |                   |
| Bike Route      |                     |                   |

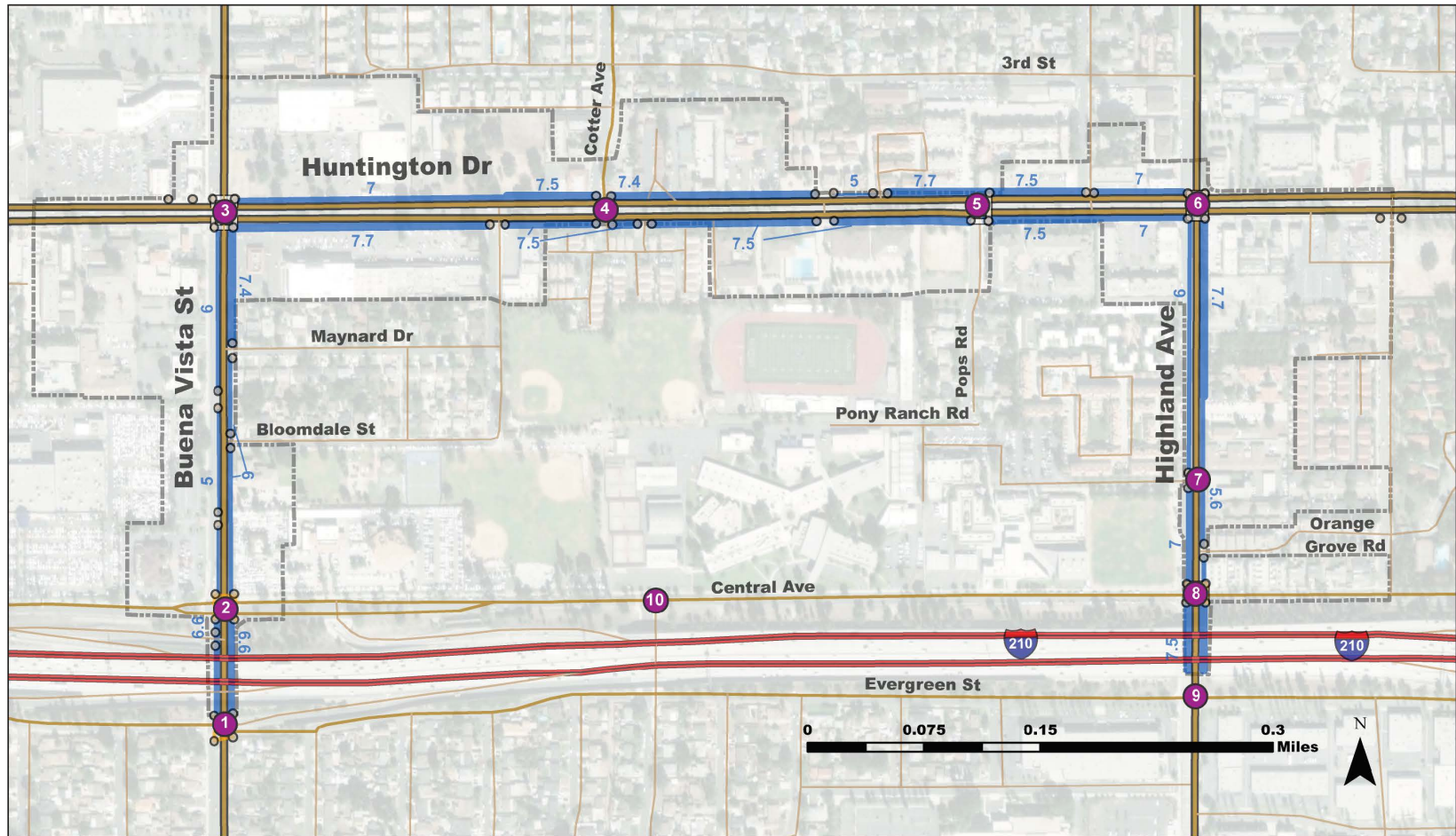


Counts taken Tuesday November 27, 2018

# PEDESTRIAN AND BICYCLE COUNTS



Figure 7: Pedestrian and Bicycle Count Locations, Sidewalk Widths, and Crosswalks

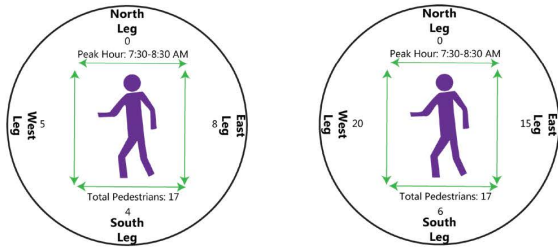


### Legend

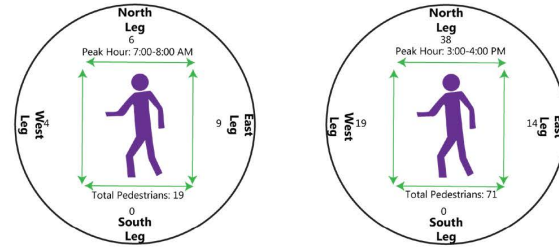
Count Location	(width in feet) sidewalk		Crosswalk		Curb Ramp
	5	6	White, high-visibility	Yellow, high-visibility	
	6.6	7.7	White, standard	Yellow, standard	

Figure 8: Pedestrian Volumes (Part 1)

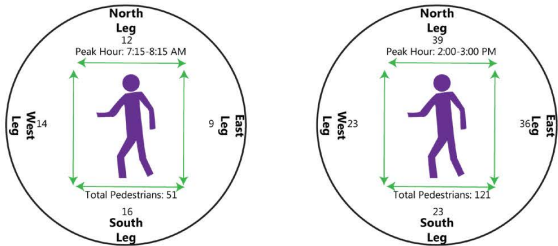
1. Buena Vista Street and Evergreen Avenue



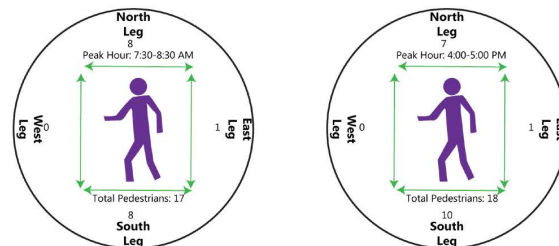
2. Buena Vista Street and Central Avenue



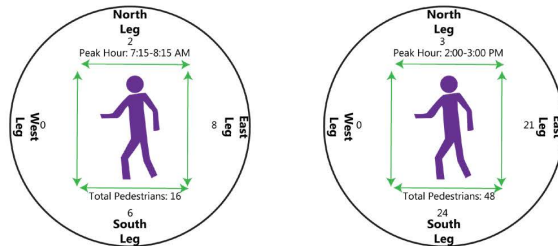
3. Buena Vista Street and Huntington Drive



4. Cotter Avenue and Huntington Drive



5. Pops Road and Huntington Drive



6. Highland Avenue and Huntington Drive

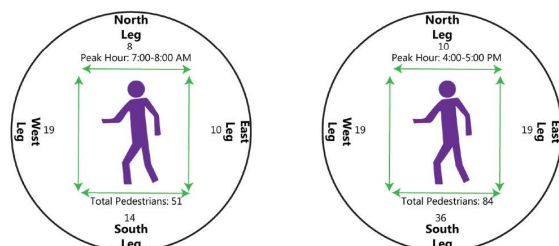
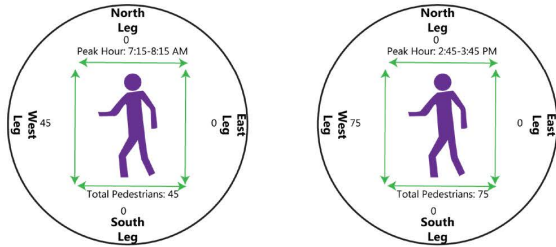
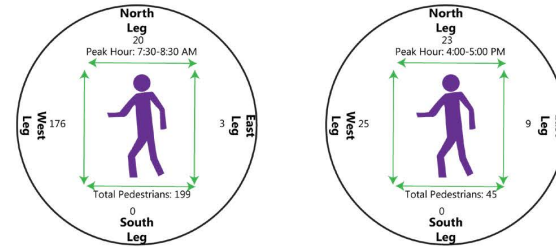


Figure 9: Pedestrian Volumes (Part 2)

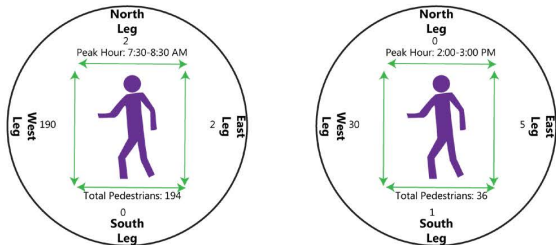
7. Highland Avenue and Duarte High School Driveway



8. Highland Avenue and Central Avenue



9. Highland Avenue and Evergreen Street



10. Central Avenue and Duncannon Street

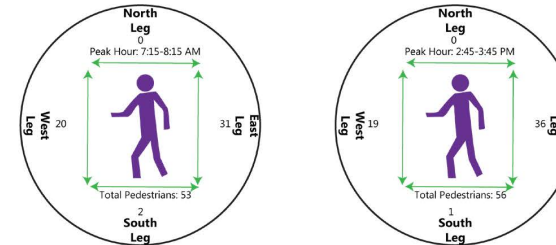
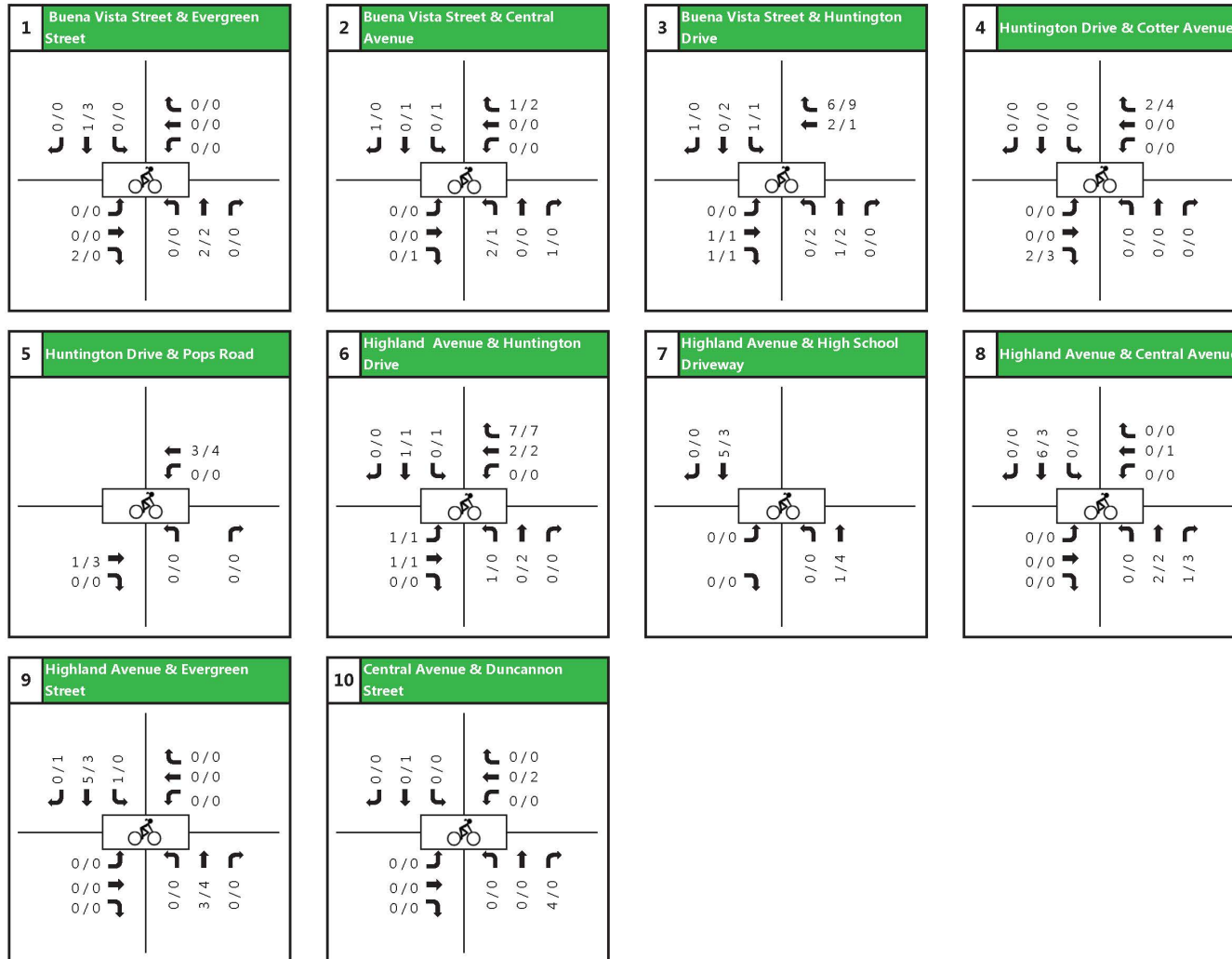




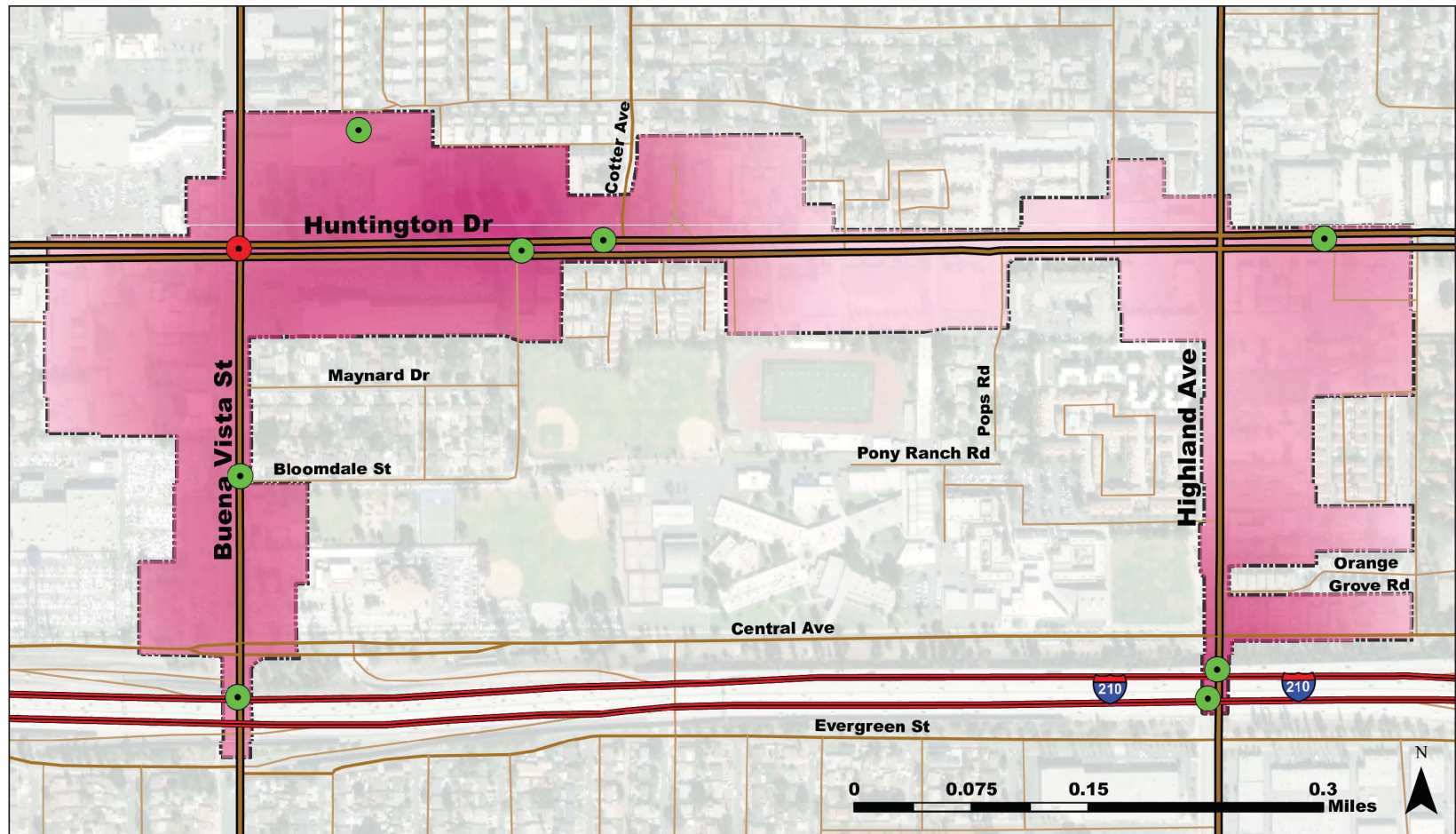
Figure 10: Bicycle Volumes



A photograph of a group of people walking on a sidewalk, overlaid with a semi-transparent red filter. The people are dressed in casual attire, including jackets and hats. One person in the foreground is carrying a red bag with the 'City Arts' logo. The background shows a building with windows and some foliage.

# COLLISION DATA

Figure 11: Collision Density (2015-2017)



Legend

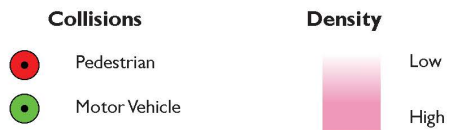
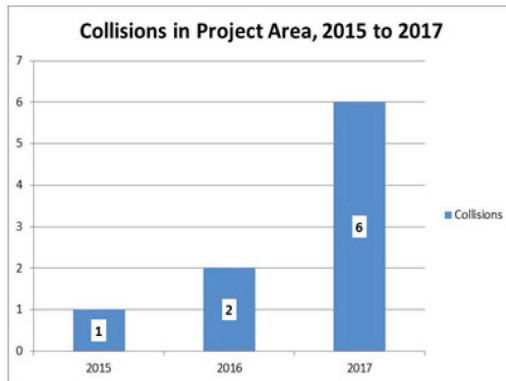
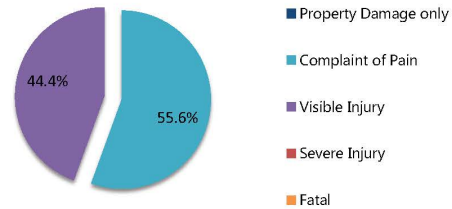




Figure 12: Collisions in Project Area

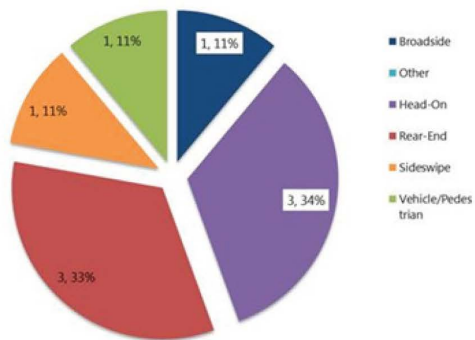


**Collisions by Severity**

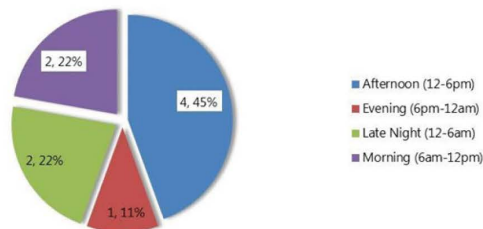


Category	Total	%(Total)
<b>Total Collisions</b>	<b>9</b>	<b>100.0%</b>
Bike	0	0.0%
Motor Vehicle	7	77.8%
Pedestrian	1	11.1%
Fixed Object	1	11%

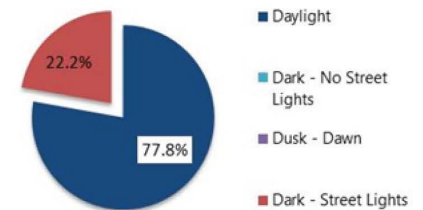
**Top Collision Crash Types**



**Collisions by Time of Day**



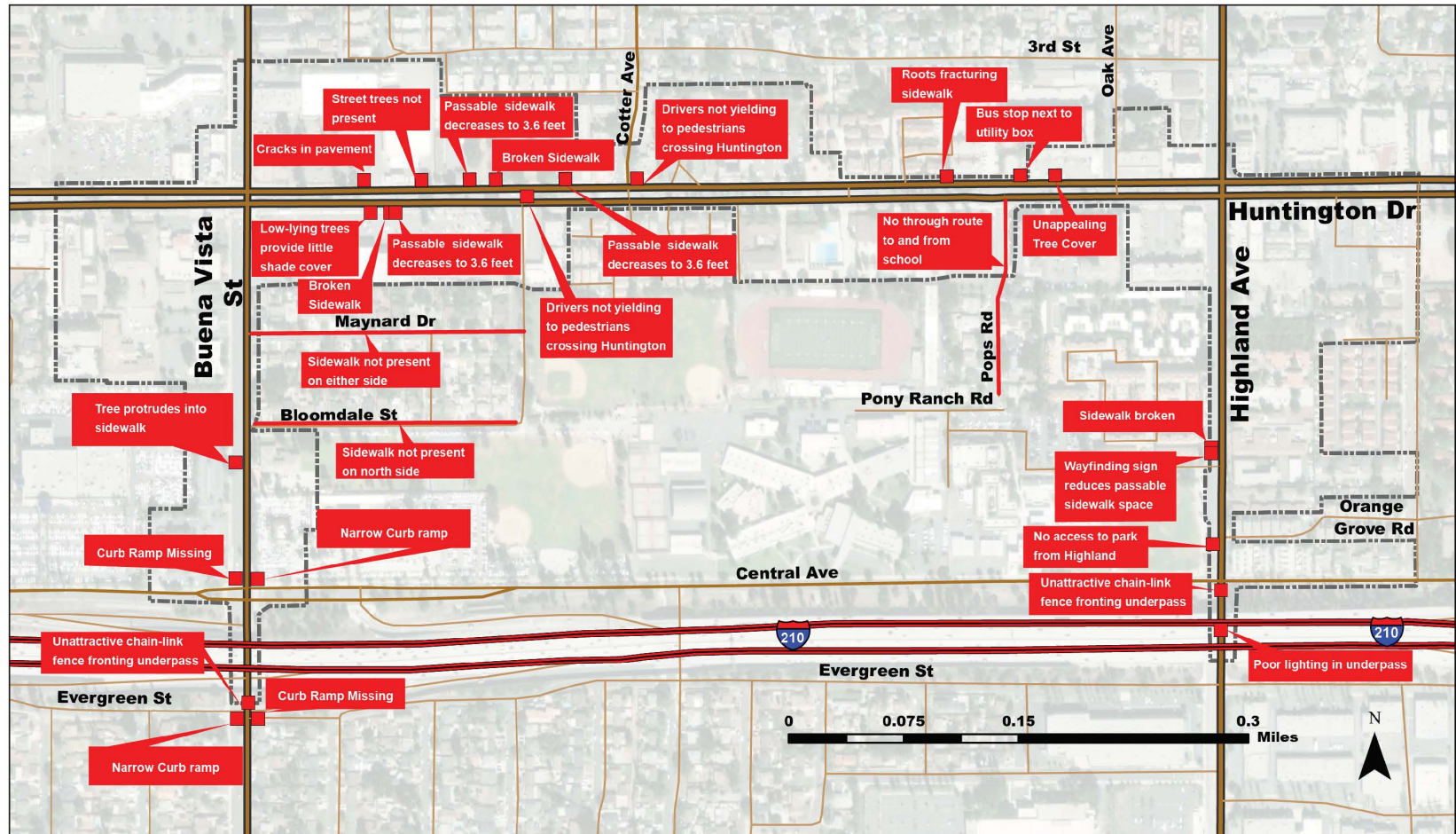
**Collisions by Type of Lighting**





# OBSERVED BEHAVIOR, ISSUES, AND OPPORTUNITIES

Figure 13: Pedestrian and Street-Related Issues

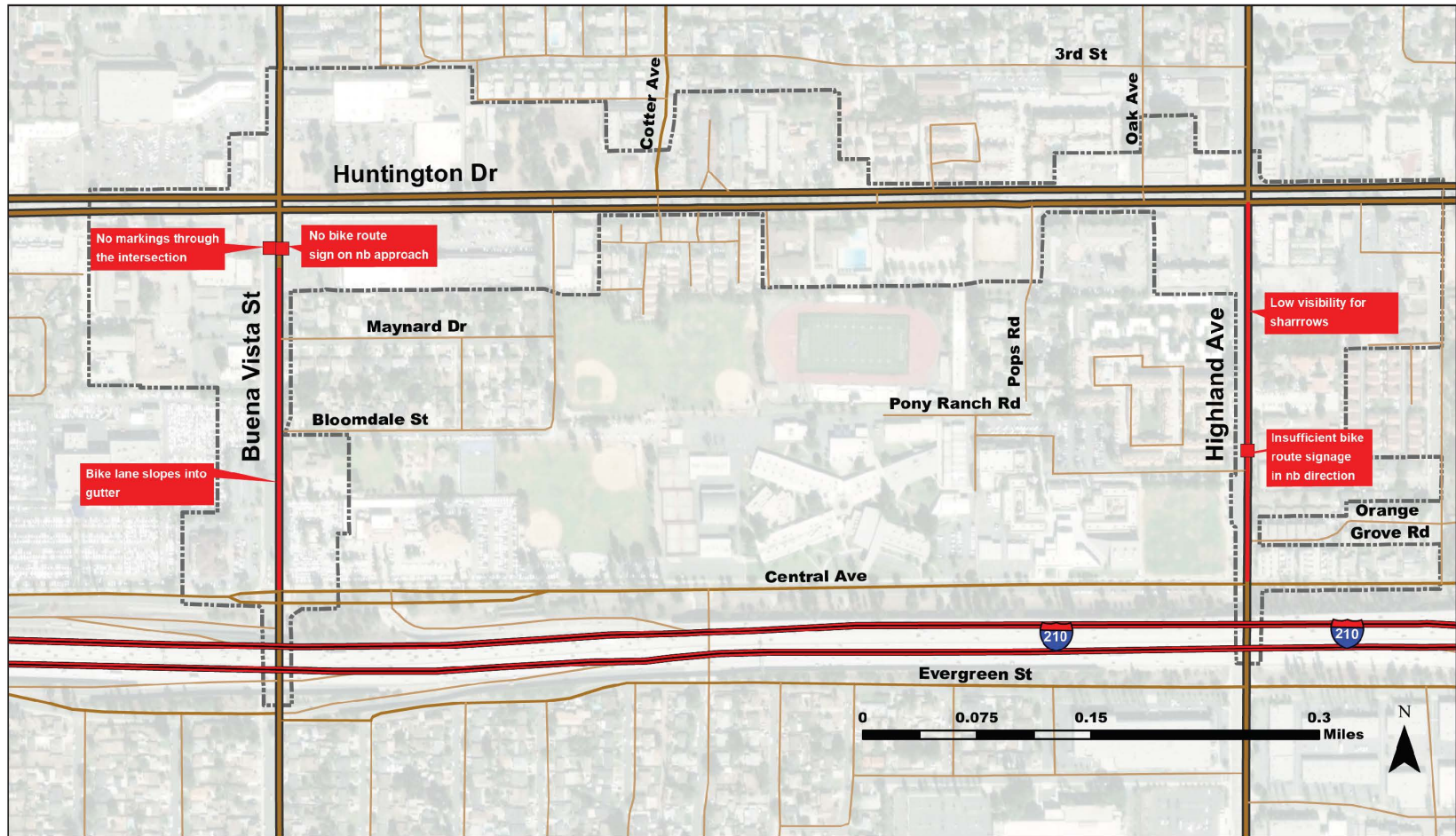


### Legend

■ Issues



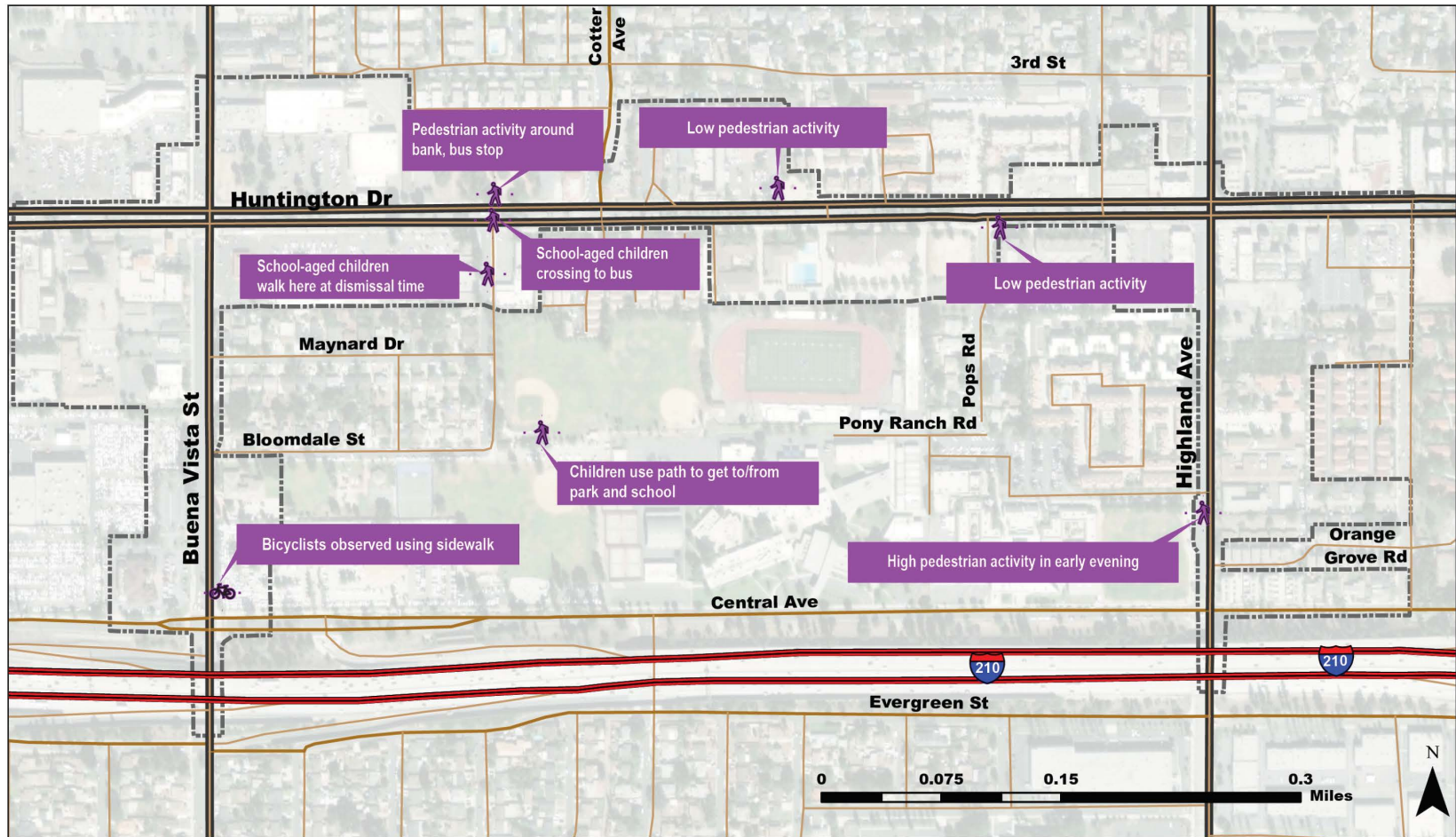
Figure 14: Bicycle Issues



Legend

■ Issues

Figure 15: Observed Behaviors

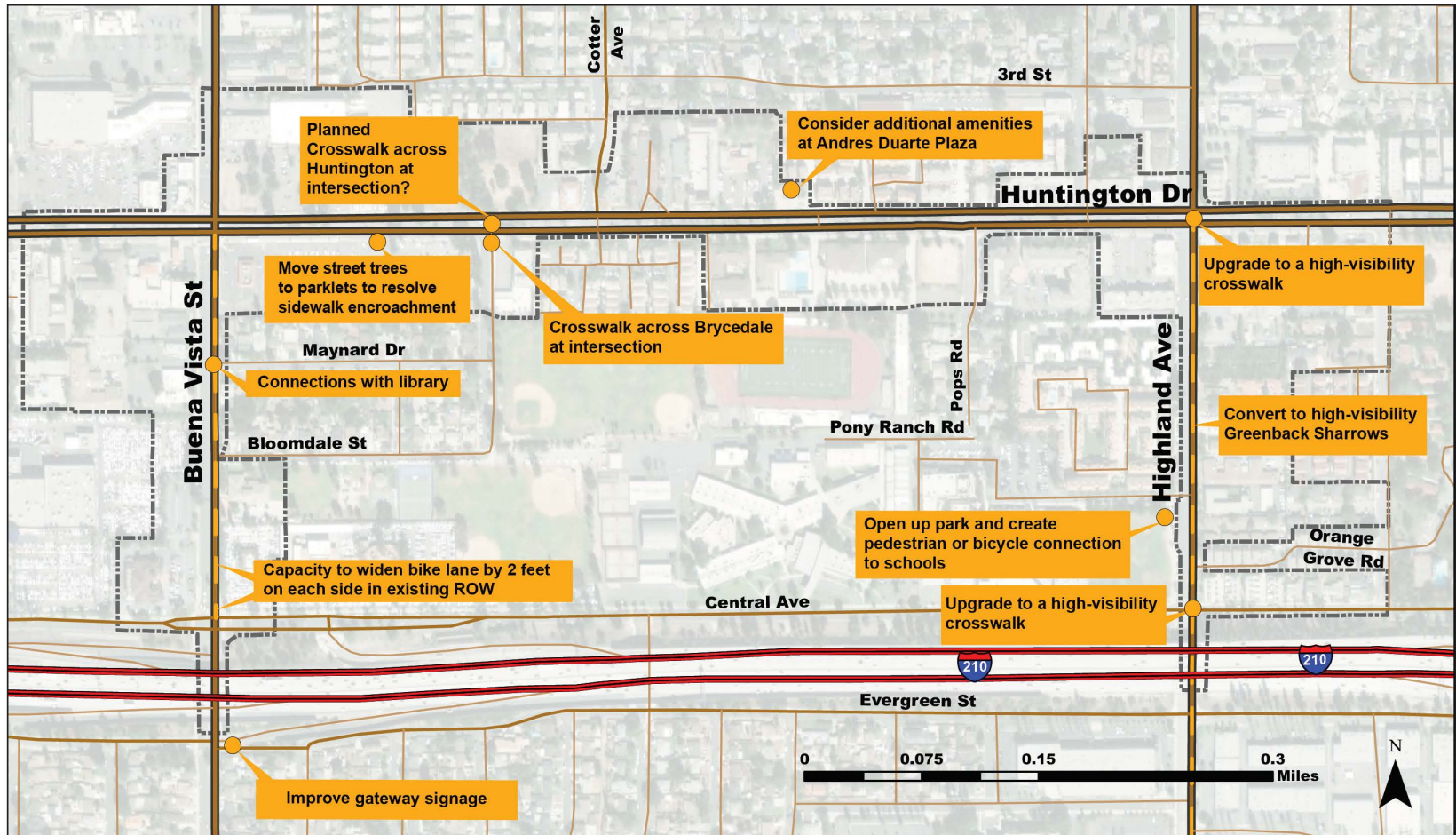


Legend

- Behavior and Activity
- Pedestrian
  - Bicyclist



Figure 16: Opportunities



Legend

- Opportunities



# Conclusion

This existing conditions summary report provides a baseline for understanding the study area and making preliminary recommendations to implement the Duarte Town Center Specific Plan through traffic calming and greening improvements.