# NORTH PARK | MID-CITY BIKEWAYS

## MONROE BIKEWAY

JULY 12, 2017

KENSINGTON-TALMADGE COMMUNITY PLANNING GROUP

# OUTLINE

I. Monroe Bikeway Project Overview
II. Pedestrian Hybrid Beacon
III. Mini-Roundabout

SANDAG Project Manager
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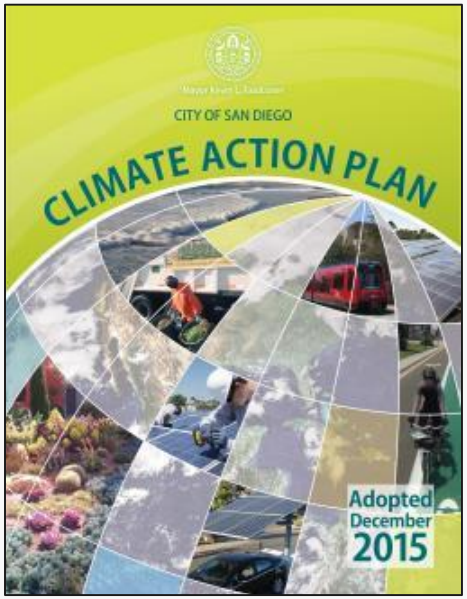
# NORTH PARK | MID-CITY BIKEWAYS

## POLICY SUPPORT

- Climate Action Plan
- Vision Zero




**TARGET:**

Achieve 6% bicycle commuter mode share by 2020 and 18% mode share by 2035 in Transit Priority Areas.

# NORTH PARK | MID-CITY BIKEWAYS


**LEGEND**

- Proposed Georgia – Meade Bikeway
- Proposed Monroe Bikeway
- Proposed Howard – Orange Bikeway
- Proposed University Bikeway
- Proposed Robinson Bikeway
- Proposed Landis Bikeway
- Regional Bikeway Connections

# NORTH PARK | MID-CITY BIKEWAYS

## GENERAL OVERVIEW

- 13 miles across six bikeways
- 157,000 residents within ½ mile (five percent of region)
- Fully funded through construction
- SANDAG funds, designs, and constructs
- City of San Diego approves and maintains

<u>NPMC Ongoing Community Outreach</u>

- 93 Stakeholder Meetings
- 35 Agency Meetings
- 7 Community Open House Meetings

# MONROE BIKEWAY
# TALMADGE IMPROVEMENTS

## PROPOSED IMPROVEMENTS

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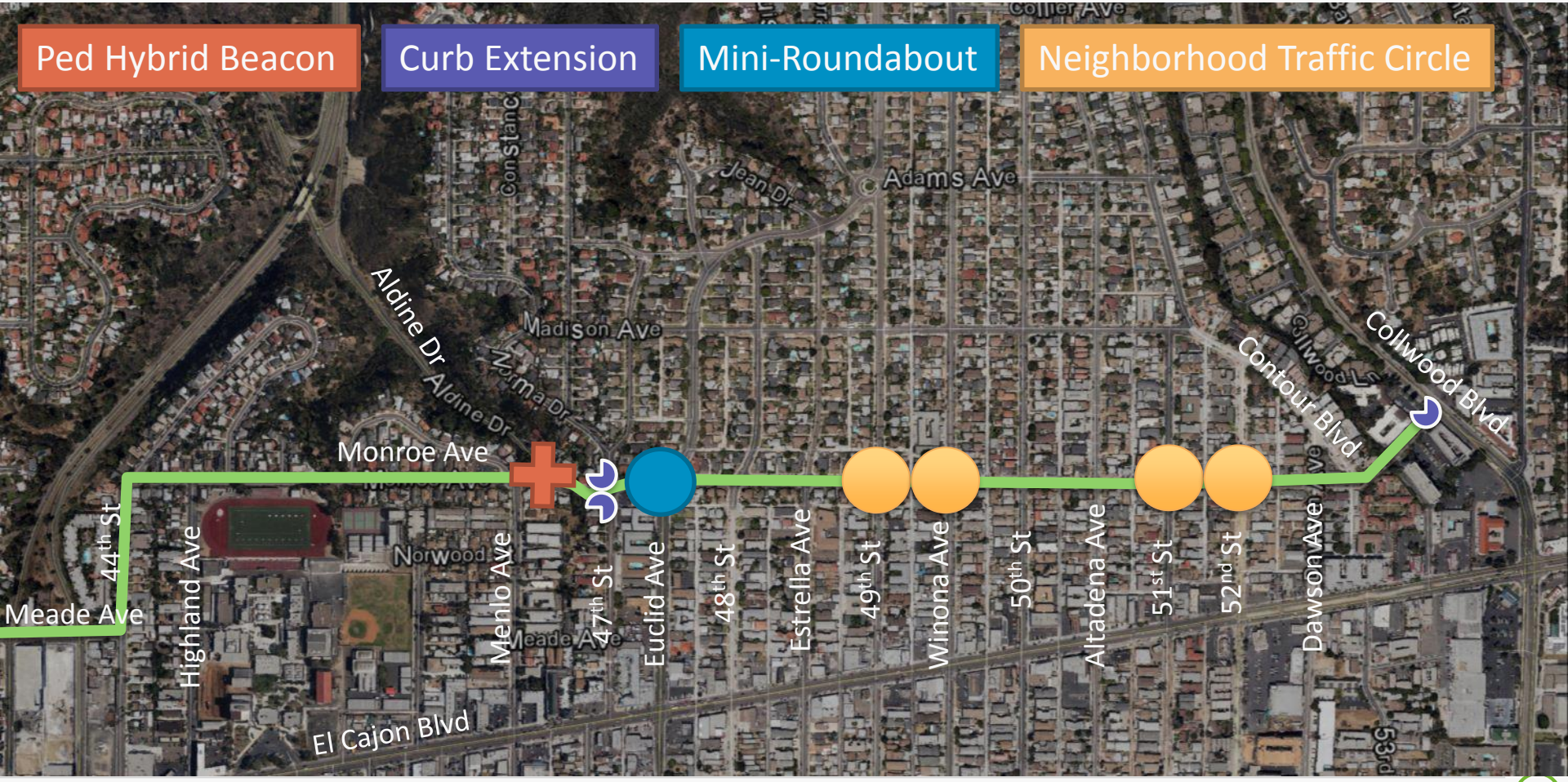
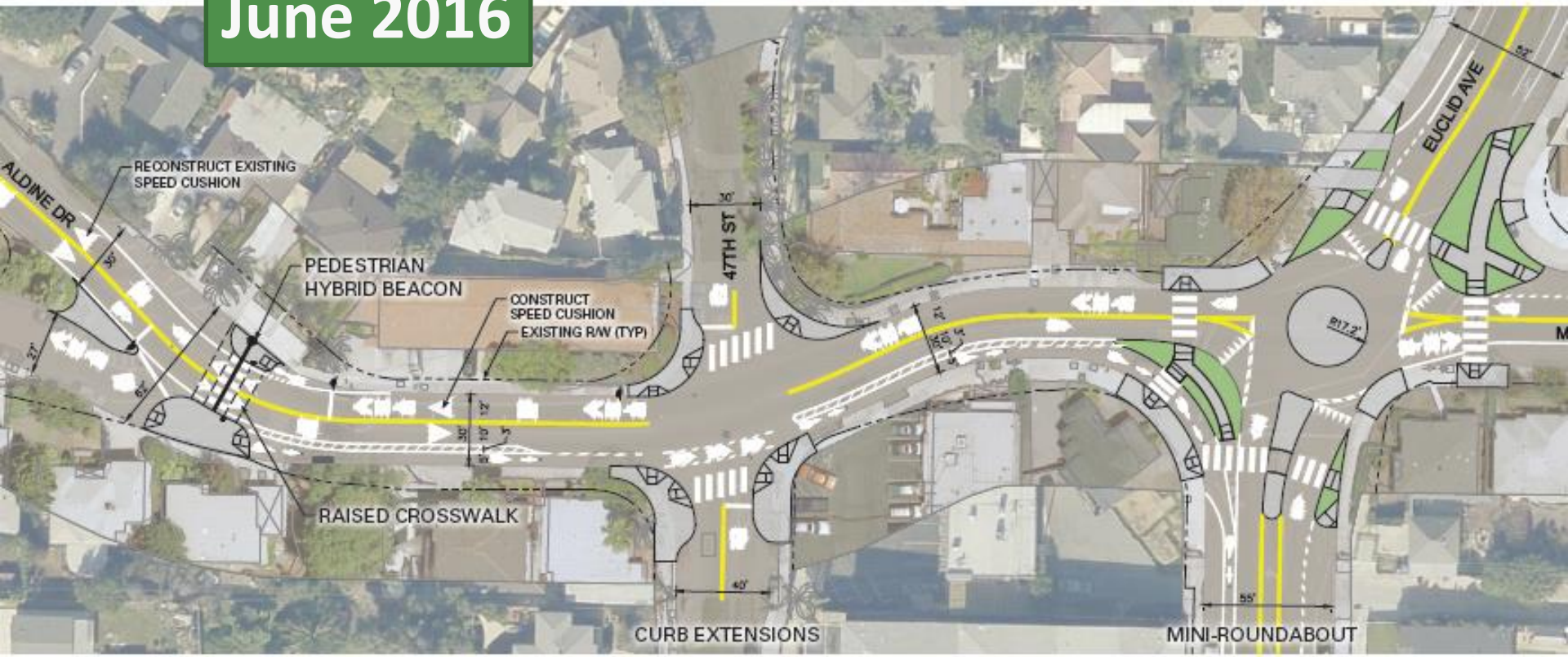


# MONROE BIKEWAY

## ALDINE DRIVE / 47TH STREET / EUCLID AVENUE DRAFT

**June 2016**



# MONROE BIKEWAY

## ALDINE DRIVE / 47TH STREET / EUCLID AVENUE DRAFT

**July 2017**

# PEDESTRIAN HYBRID BEACON

## MONROE AVENUE & ALDINE DRIVE

# PEDESTRIAN HYBRID BEACON (PHB)

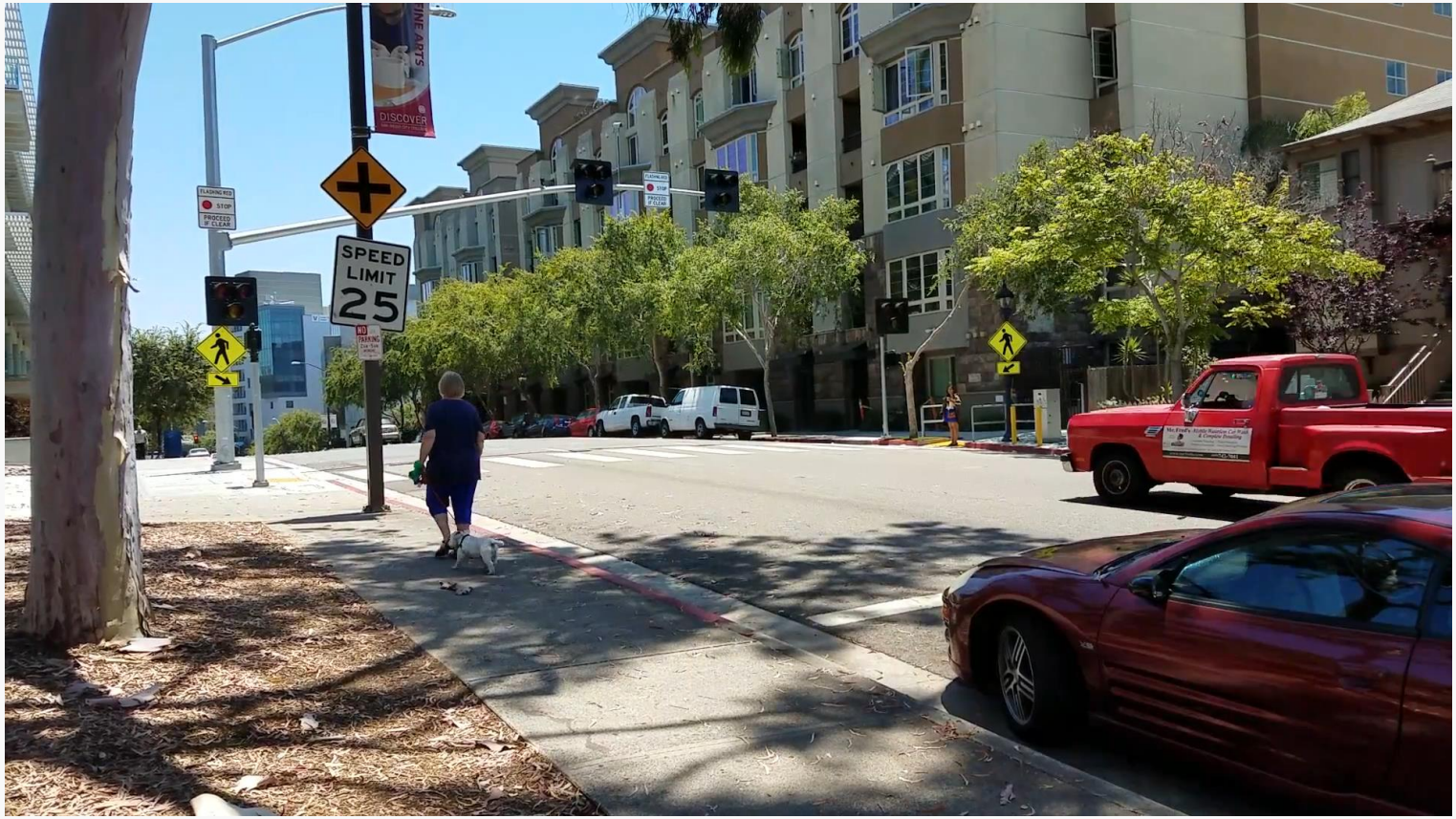
| | | |
|---|---|---|
|  |  |  |
| 1. Dark until activated | 2. Flashing yellow light for 3–6 s | 3. Steady yellow light for 3–6 s |
|  |  |  |
| 4. Steady red light during pedestrian interval | 5. Alternating flashing red lights during pedestrian clearance interval | |

C St., San Diego

Mission Center Rd., San Diego

# PEDESTRIAN HYBRID BEACON (PHB)

## PHB SIGNAL (C STREET)




Mission Center Rd., San Diego

# PEDESTRIAN HYBRID BEACON (PHB)

## VISUAL SIMULATION


# PEDESTRIAN HYBRID BEACON (PHB)

## VISUAL SIMULATION


# PEDESTRIAN HYBRID BEACON (PHB)

## PHB SIGNAL TIMING (IN SECONDS)

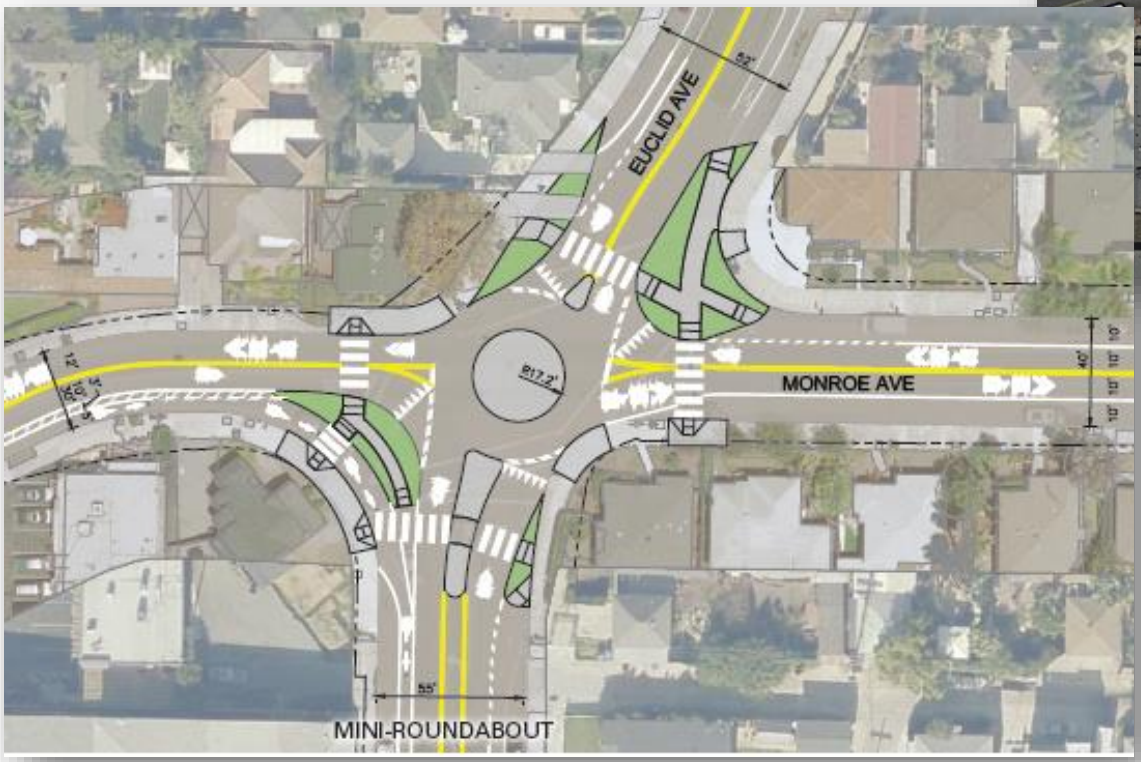
| PHB Phase | Mission Center Road (Observed) 6 lanes - 103’ | C Street (Observed) 3 lanes - 51’ | Monroe/Aldine (Estimate) 2 lanes – 23’ |
|---|---|---|---|
| Flashing Yellow | 5 | 5 | 3 |
| Steady Yellow | 4 | 4 | 3 |
| Steady Red | 10 | 9 | 6 |
| Alternating Red | 30 | 15 | 9 |
| Dark (Minimum) | 25-36 | 22-30 | TBD |

# MINI-ROUNDABOUT

## EUCLID AVENUE & MONROE AVENUE

# MONROE BIKEWAY

## EUCLID AVENUE AND MONROE AVENUE




DRAFT

# MONROE BIKEWAY

## EUCLID AVENUE AND MONROE AVENUE



DRAFT

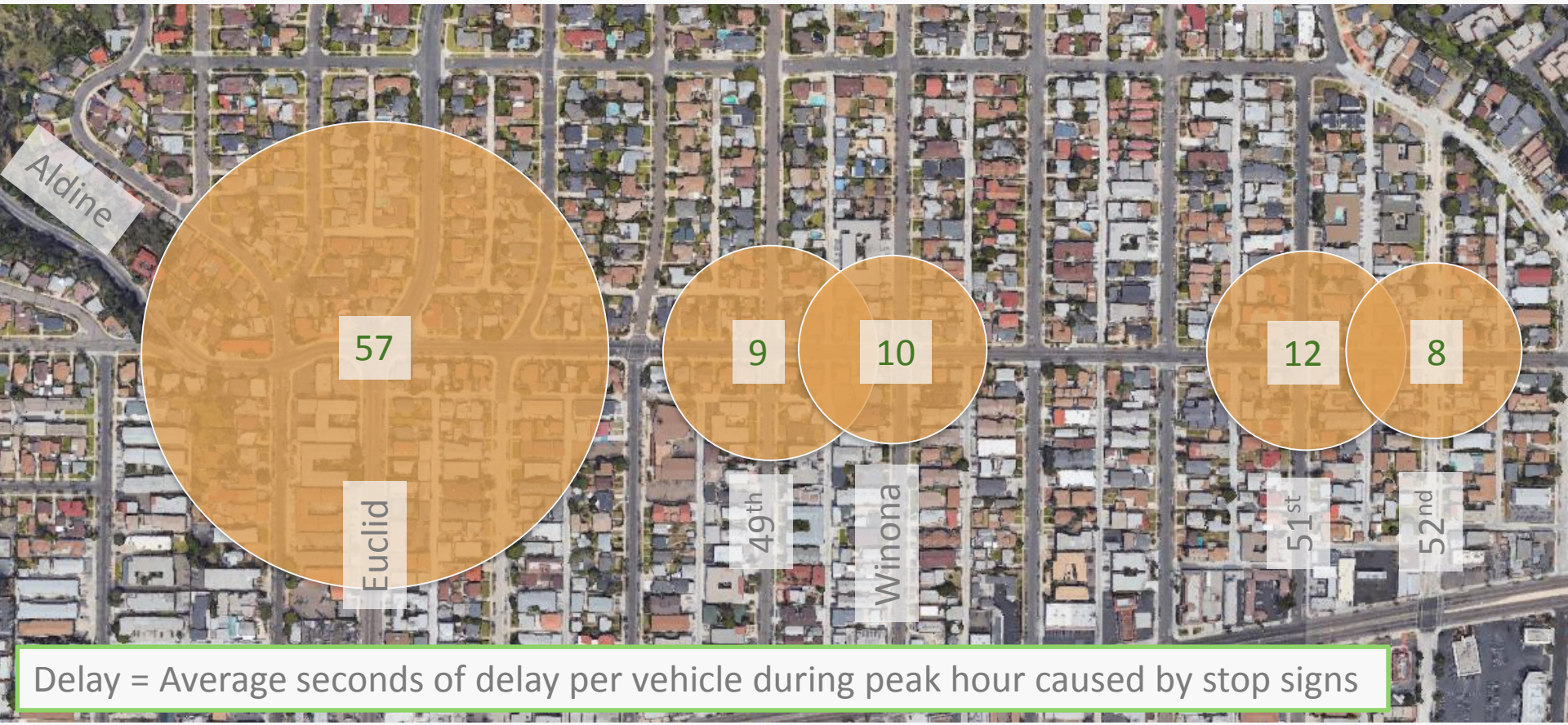
# TRAFFIC AND SAFETY

## CHANGES TO TRAFFIC

- No changes to roadway capacity or turning movements
- Replacing stop signs with circular intersections reduces delays and improves safety for all road users
- PHB adds small delay, improves safety, and provides critical link for people on bikes traveling westbound
- Overall reduction in delays, emissions, and travel speeds, while improving safety and providing connectivity for people walking and people riding bikes

# TRAFFIC AND SAFETY

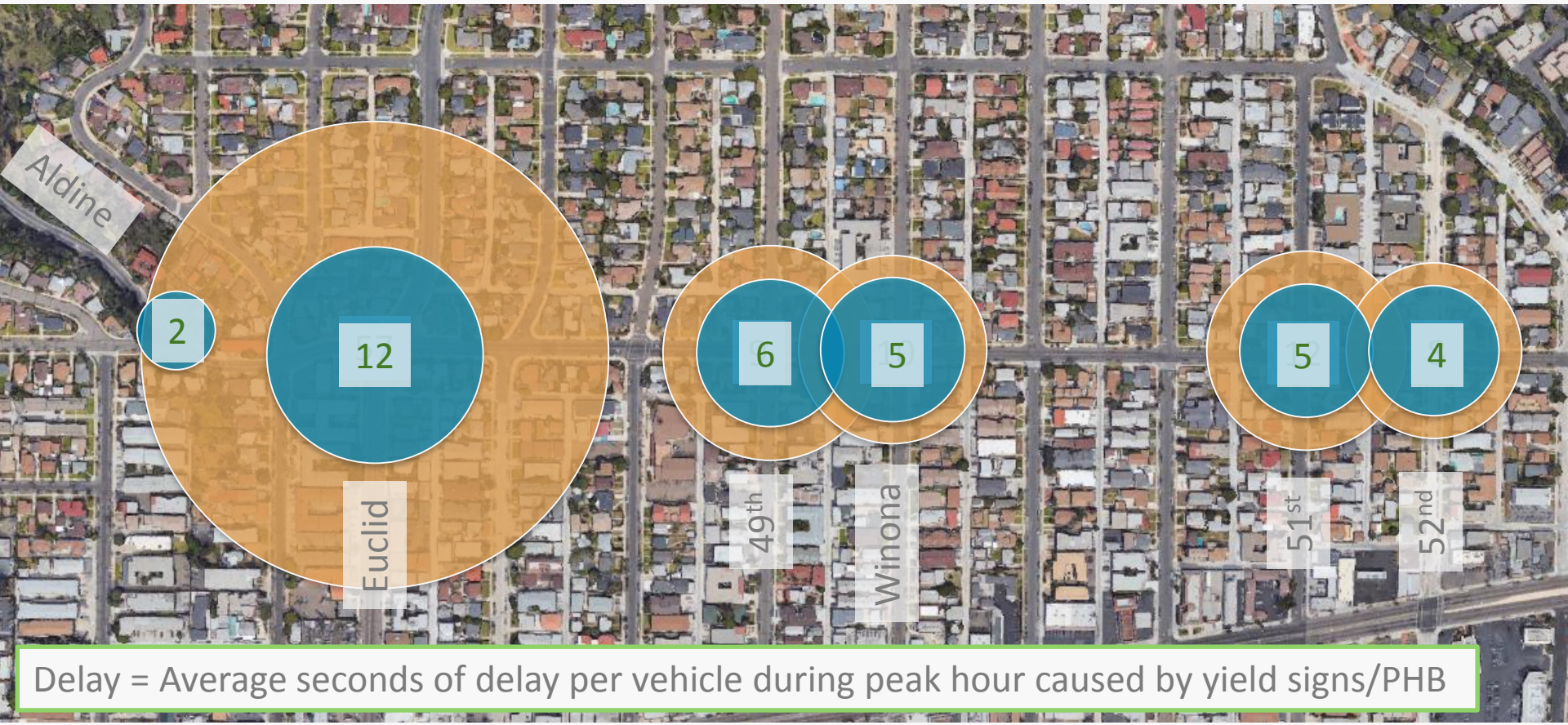
## 2020 AM PEAK HOUR INTERSECTION DELAY WITHOUT PROJECT




Delay = Average seconds of delay per vehicle during peak hour caused by stop signs

# TRAFFIC AND SAFETY

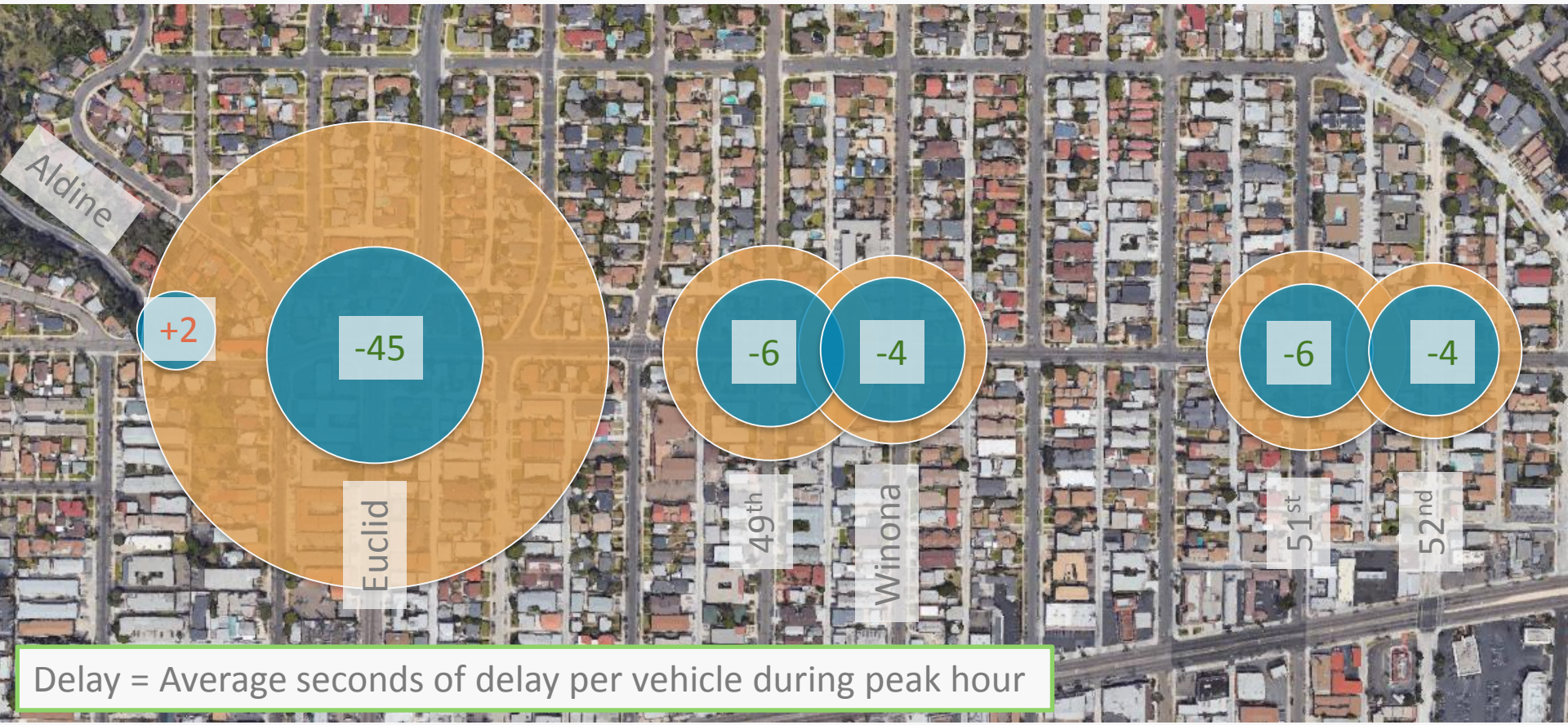
## 2020 AM PEAK HOUR INTERSECTION DELAY WITH PROJECT




Delay = Average seconds of delay per vehicle during peak hour caused by yield signs/PHB

# TRAFFIC AND SAFETY

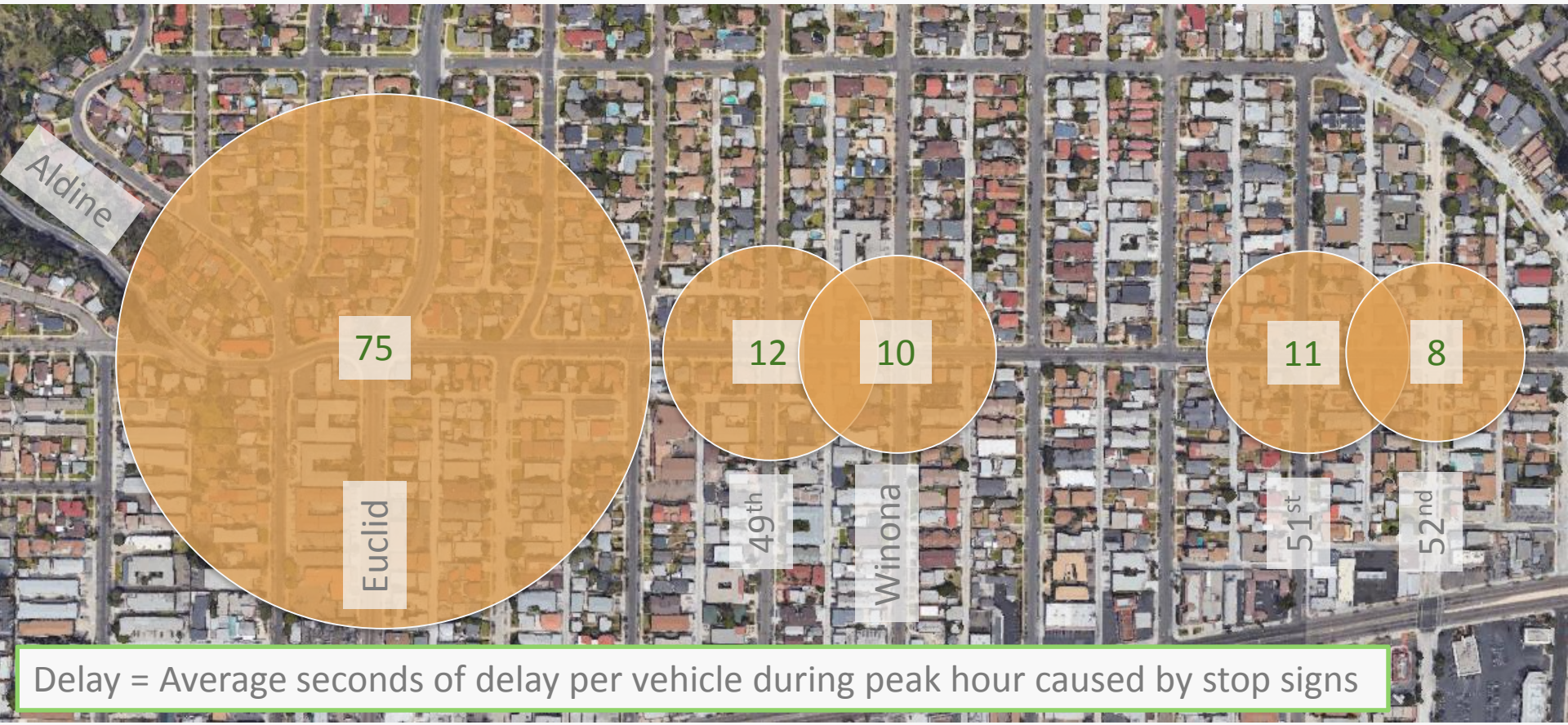
## 2020 AM PEAK DELAY
## WITHOUT PROJECT VS. WITH PROJECT




Delay = Average seconds of delay per vehicle during peak hour

# TRAFFIC AND SAFETY

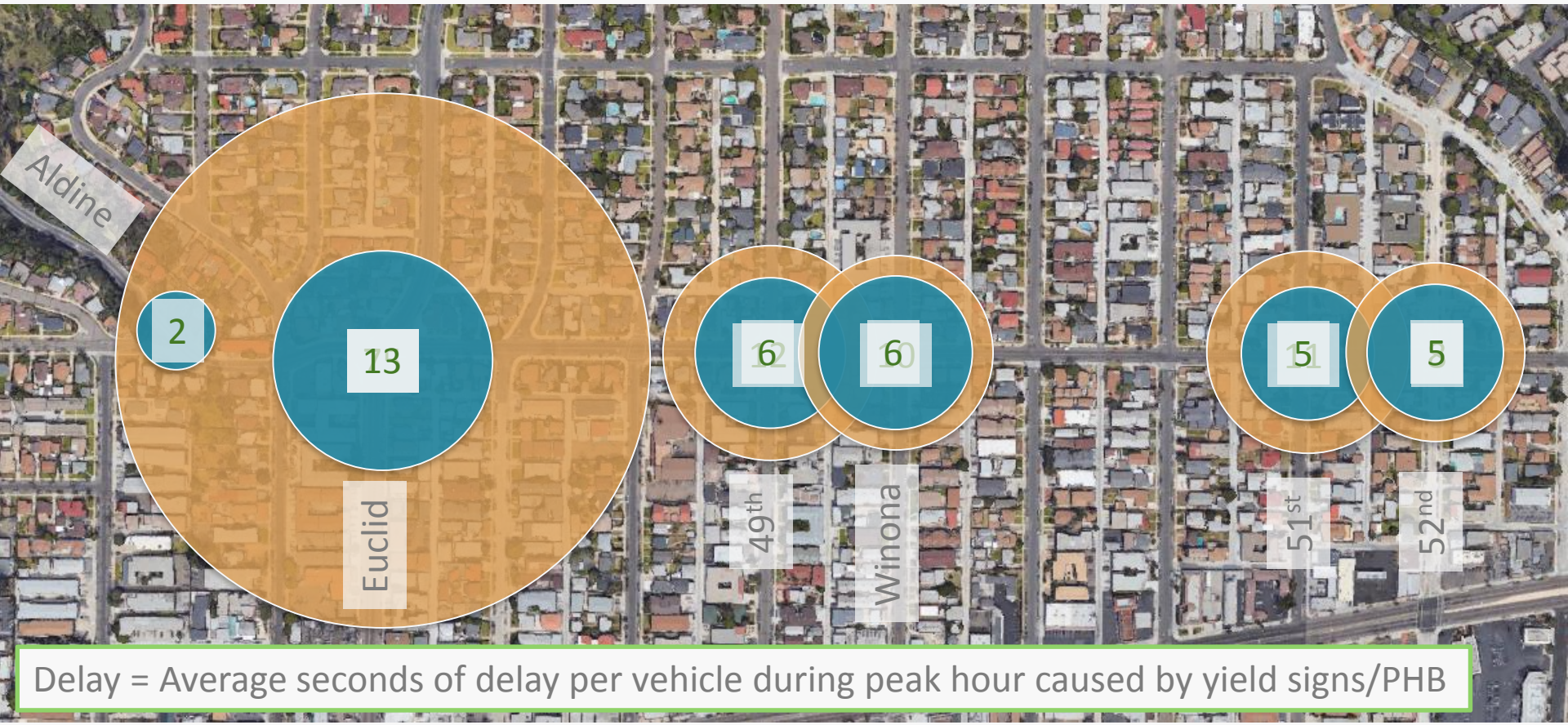
## 2020 PM PEAK HOUR INTERSECTION DELAY WITHOUT PROJECT




Delay = Average seconds of delay per vehicle during peak hour caused by stop signs

# TRAFFIC AND SAFETY

## 2020 PM PEAK HOUR INTERSECTION DELAY WITH PROJECT

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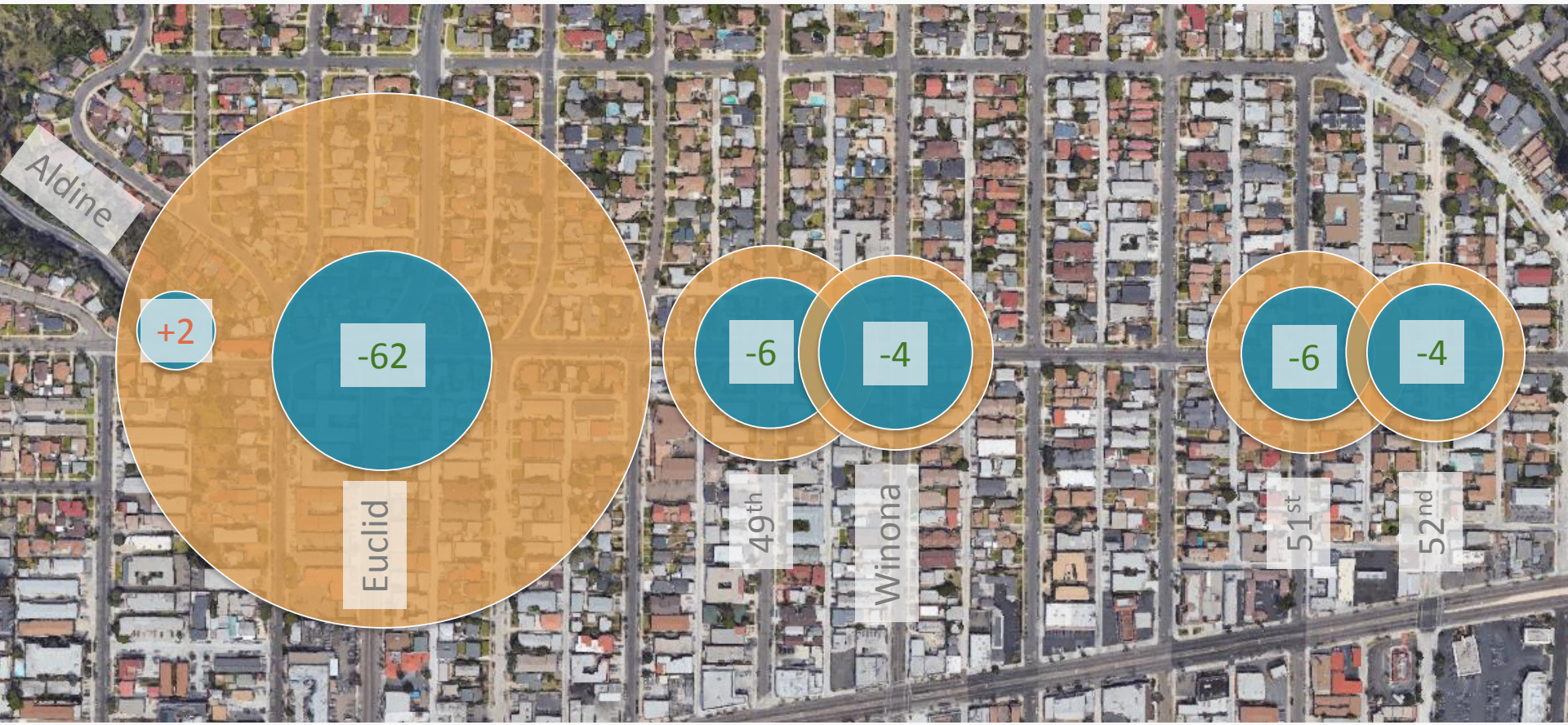
# TRAFFIC AND SAFETY

## 2020 PM PEAK DELAY
## WITHOUT PROJECT VS. WITH PROJECT



# MONROE BIKEWAY

## OUTREACH SCHEDULE

- 6/27/17 – TMAD
- 7/12/17 – Ken/Tal Community Planning Group
- 7/12/17 – College Area Community Planning Board
- 7/18/17 – Talmadge Community Council
- **8/10/17 – Open House/Public Hearing (Hoover HS)**
- 9/15/17 – SANDAG Transportation Committee - CEQA

# MONROE BIKEWAY

## PROCESS

- Current Schedule
  - Outreach — Summer 2017 - Ongoing
  - Final Environmental — September 2017
  - Complete Final Design — May 2018 (estimate)
  - Begin Construction — February 2019 (estimate)
  - Open to Public — October 2019 (estimate)

# MONROE BIKEWAY

## STAY CONNECTED

- Danny.Veeh@sandag.org / (619) 699-7317
- KeepSanDiegoMoving.com/NorthParkMidCityBikeways
- Sign up to receive email newsletters

## You're Invited

**Monroe Bikeway Open House and Public Hearing**

**Thursday August 10, 2017 at Hoover High School Cafeteria**

**6 - 6:45 p.m. Open House | 6:45 - 8 p.m. Public Hearing**