



NORTH PARK | MID-CITY BIKEWAYS MONROE BIKEWAY

JULY 18, 2017
TALMADGE COMMUNITY COUNCIL



OUTLINE

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

SANDAG Project Manager

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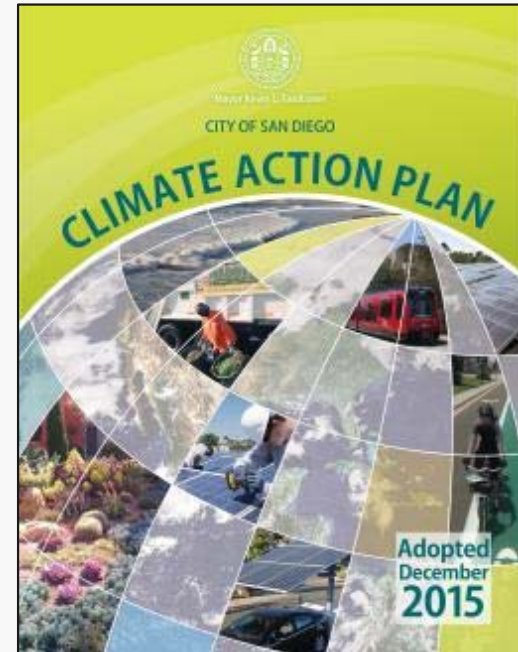
NORTH PARK | MID-CITY BIKEWAYS

POLICY SUPPORT

- Climate Action Plan
- Vision Zero

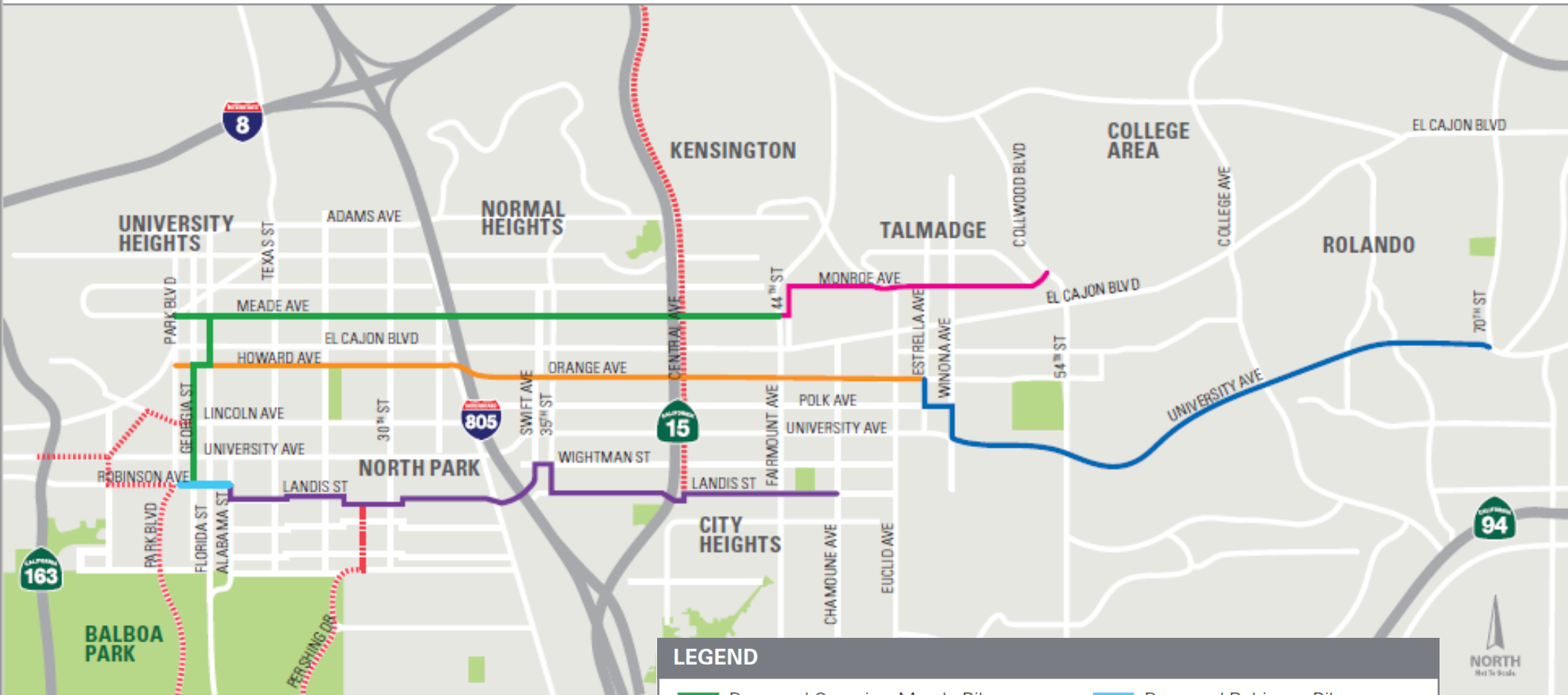
TARGET:

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 Landis Bikeway
- Proposed University Bikeway
- Regional Bikeway Connections
- Proposed Robinson Bikeway





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

NPMC Ongoing Community Outreach

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



MONROE BIKEWAY TALMADGE IMPROVEMENTS

PROPOSED IMPROVEMENTS

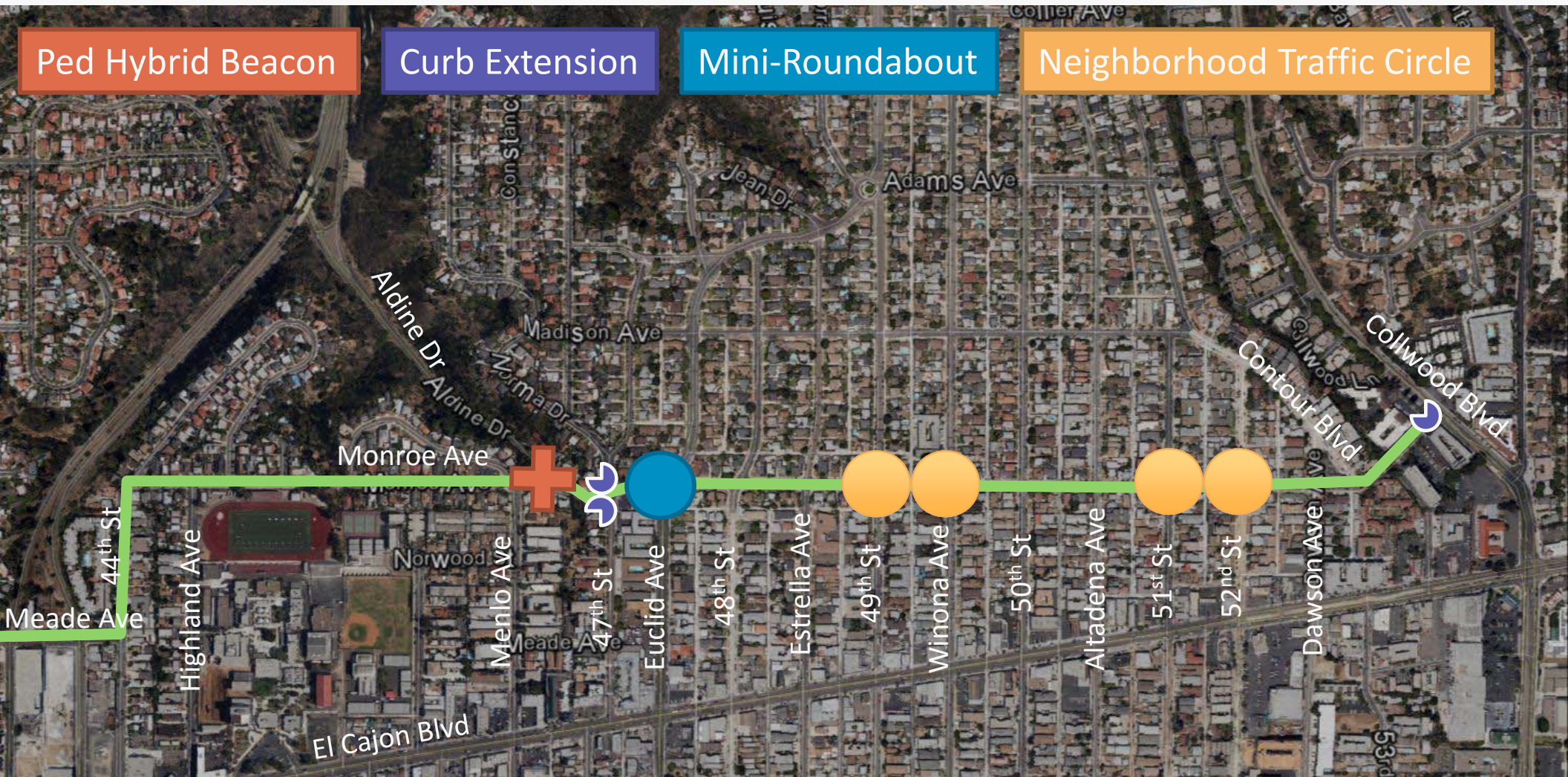
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Ped Hybrid Beacon

Curb Extension

Mini-Roundabout

Neighborhood Traffic Circle

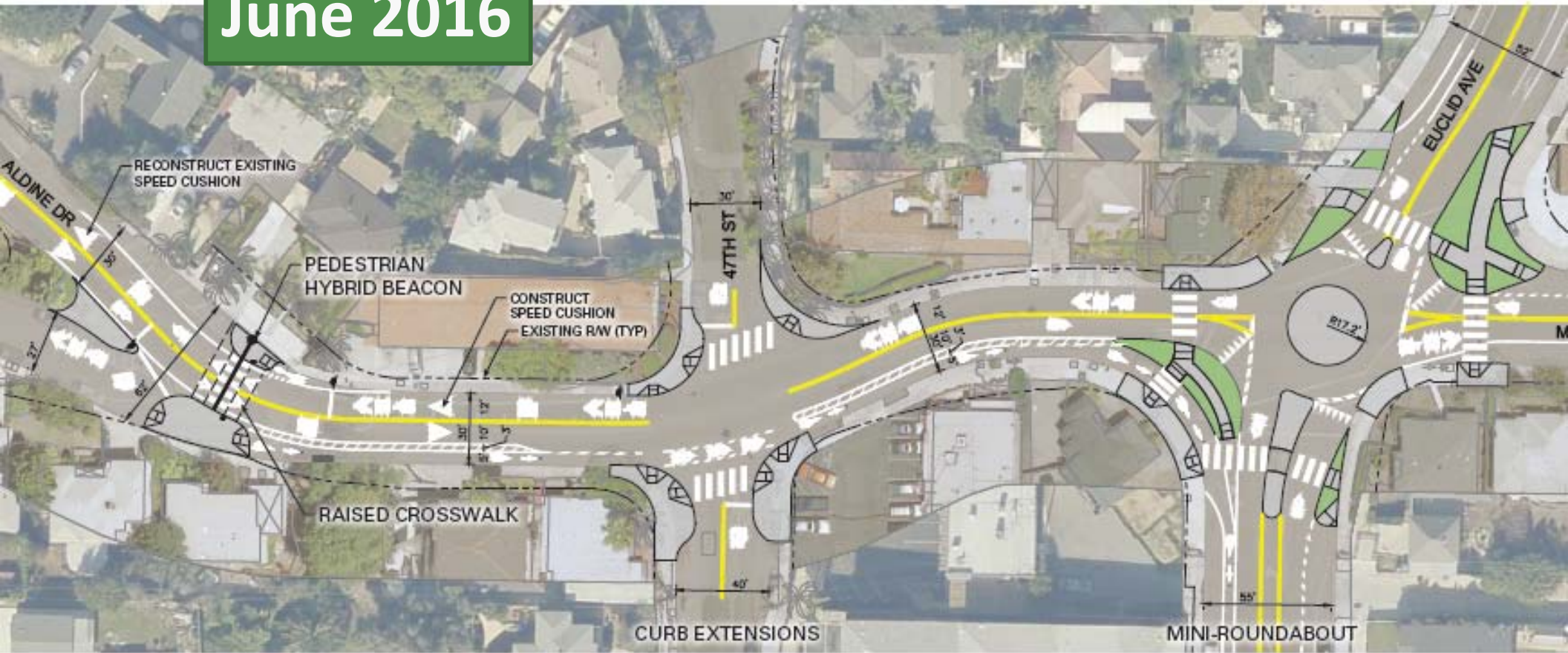




MONROE BIKEWAY

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

June 2016





MONROE BIKEWAY

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

July 2017







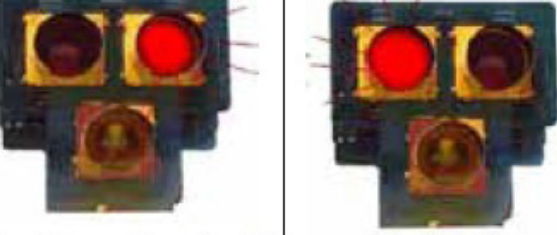


PEDESTRIAN HYBRID BEACON

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	





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



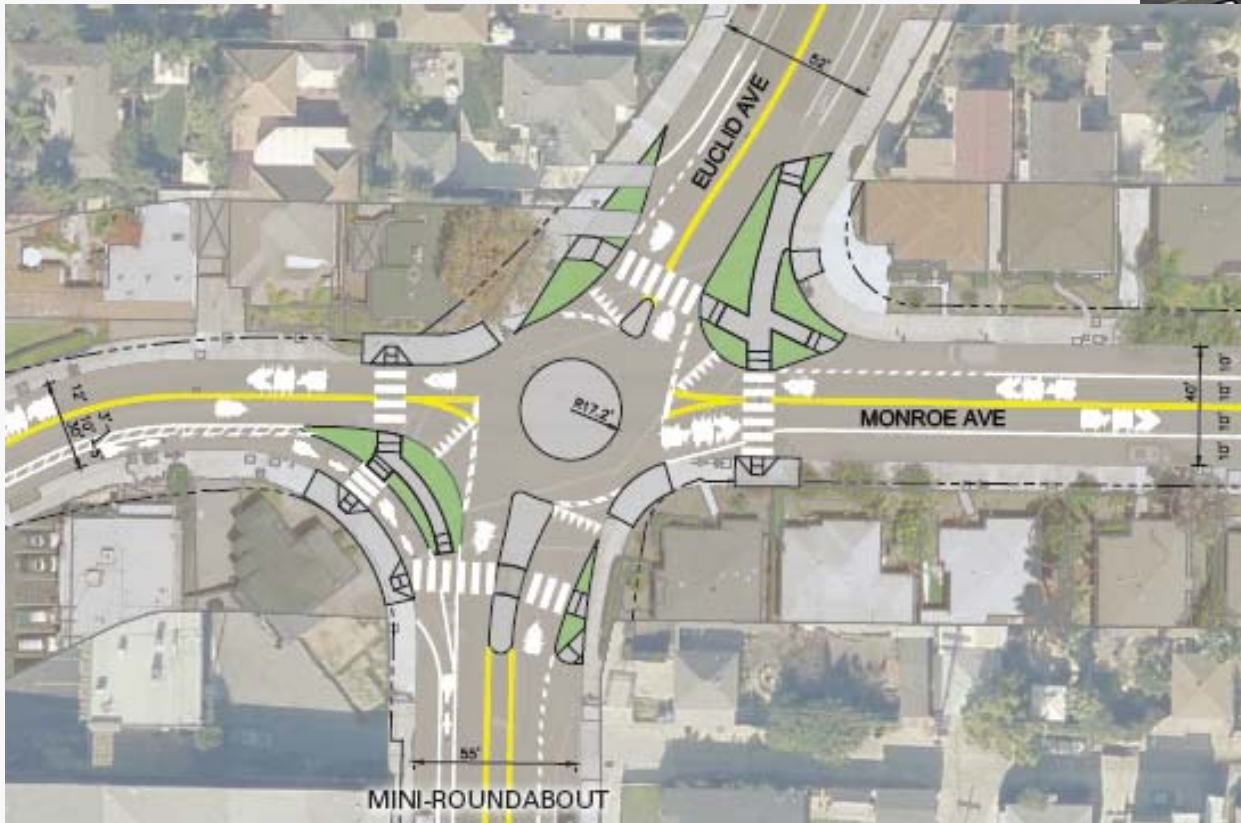
MINI-ROUNDAABOUT

EUCLID AVENUE & MONROE AVENUE



MONROE BIKEWAY

EUCLID AVENUE AND MONROE AVENUE



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MONROE BIKEWAY

EUCLID AVENUE AND MONROE AVENUE



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TRAFFIC AND SAFETY

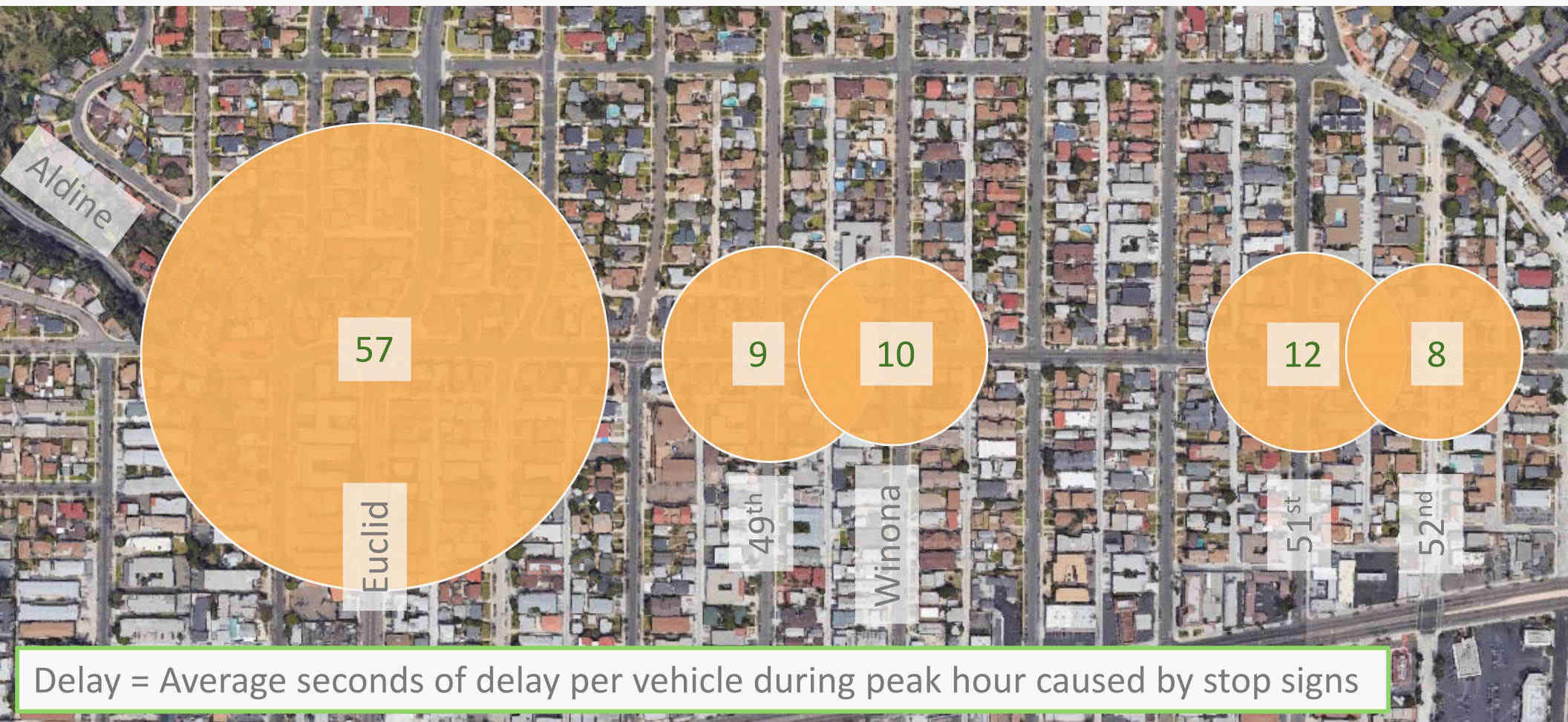
CHANGES TO TRAFFIC

- 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

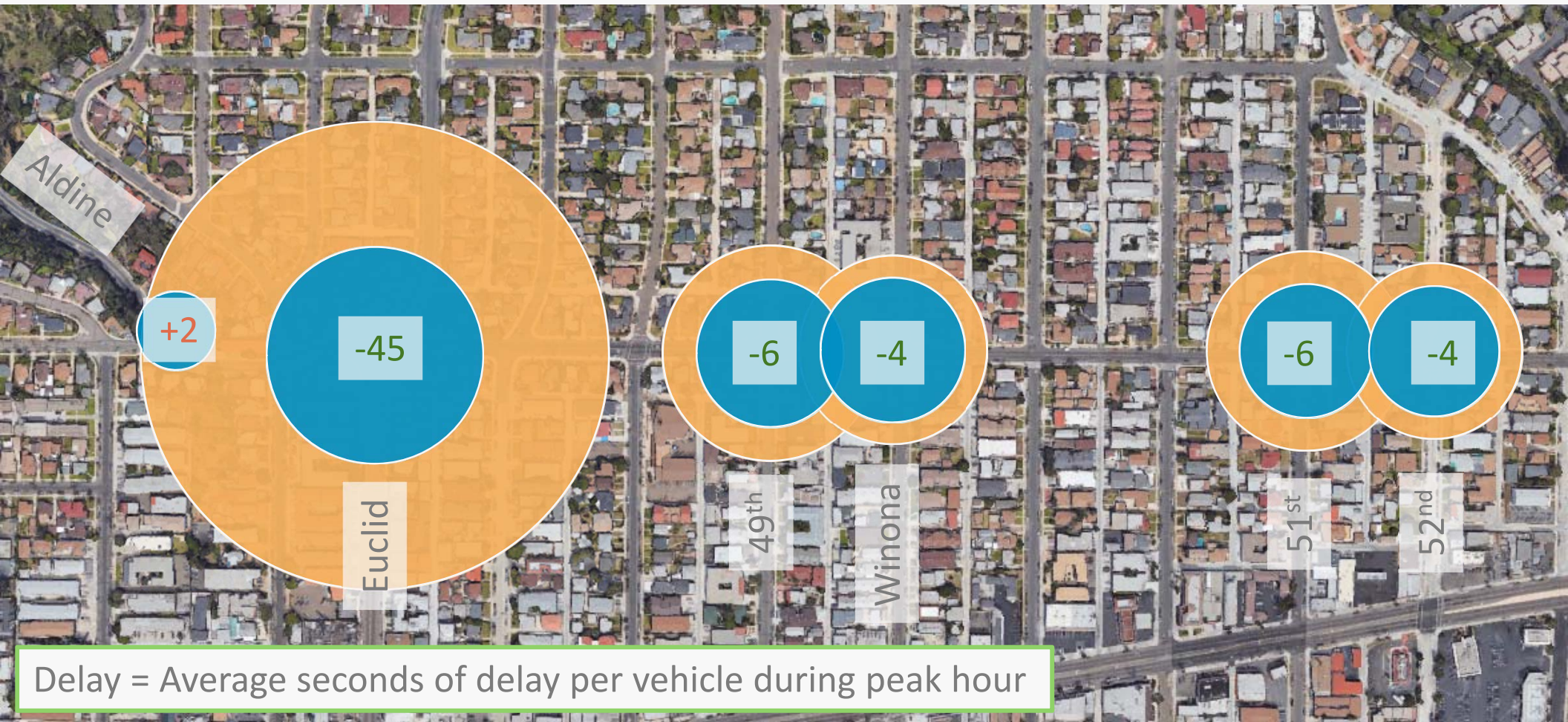


Delay = Average seconds of delay per vehicle during peak hour caused by yield signs/PHB



TRAFFIC AND SAFETY

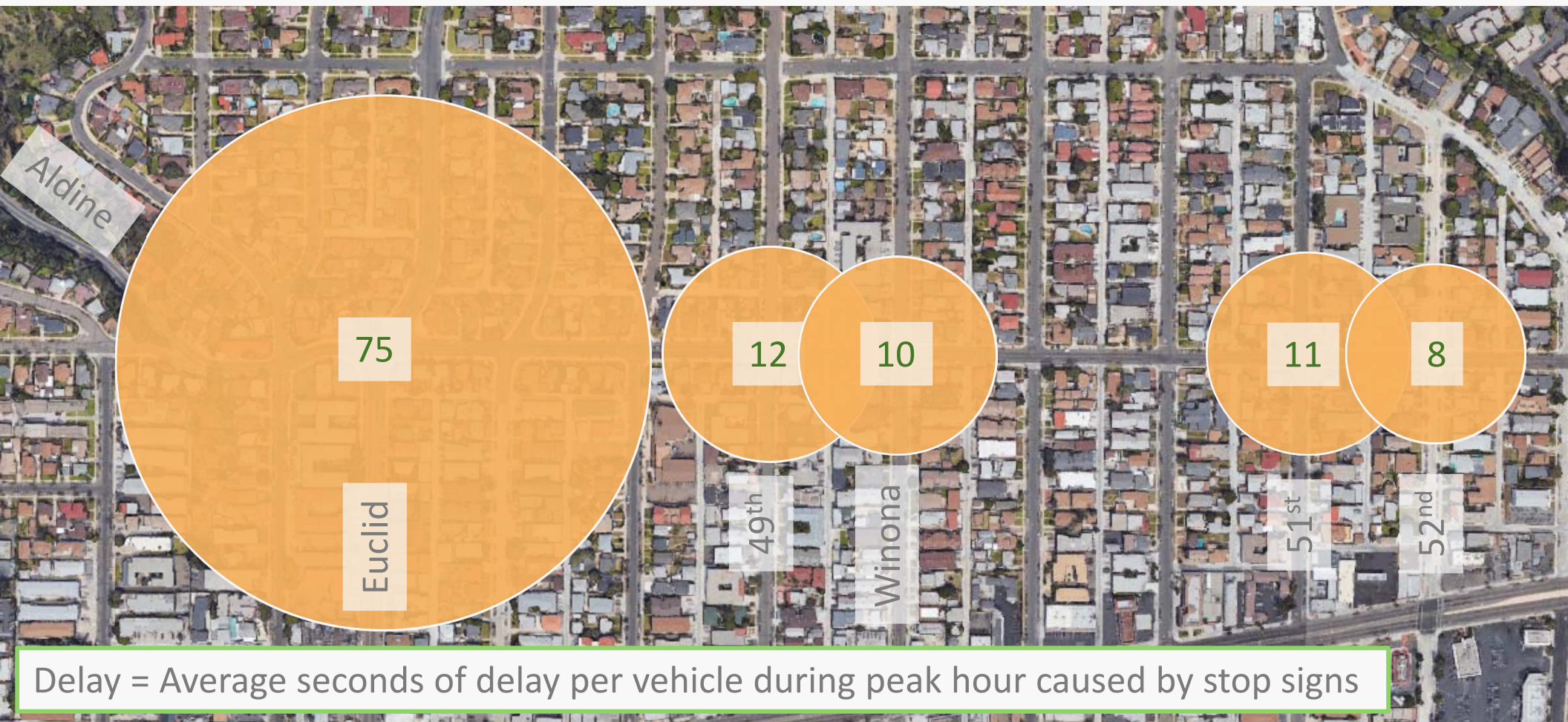
2020 AM PEAK DELAY WITHOUT PROJECT VS. WITH PROJECT





TRAFFIC AND SAFETY

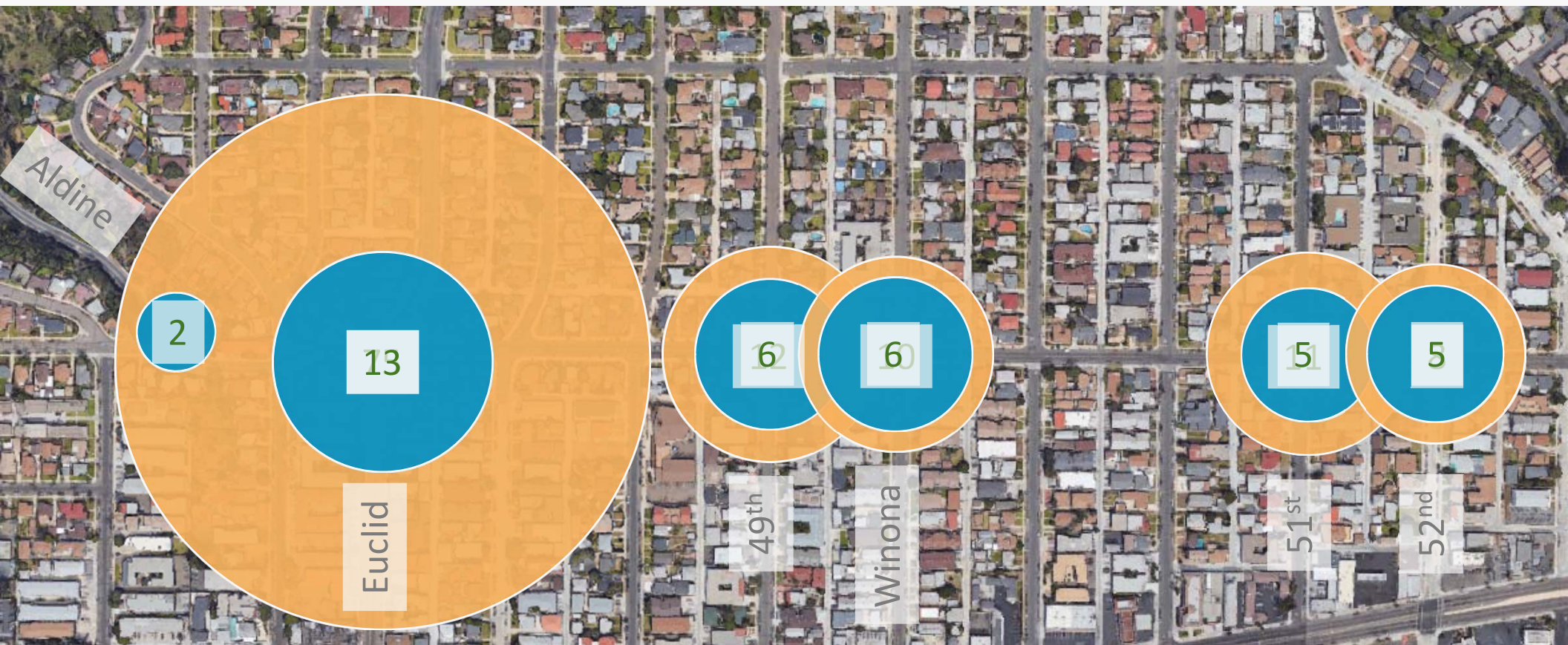
2020 PM PEAK HOUR INTERSECTION DELAY WITHOUT PROJECT





TRAFFIC AND SAFETY

2020 PM 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 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