

## APPROACH

We conducted a walk audit and infrastructure review to ground-truth community comments from workshop #1 and we rated each intersection based on strength of demonstration event potential. Intersections with yellow and green ratings have been explored in greater detail in the pages that follow.

### Rating System:

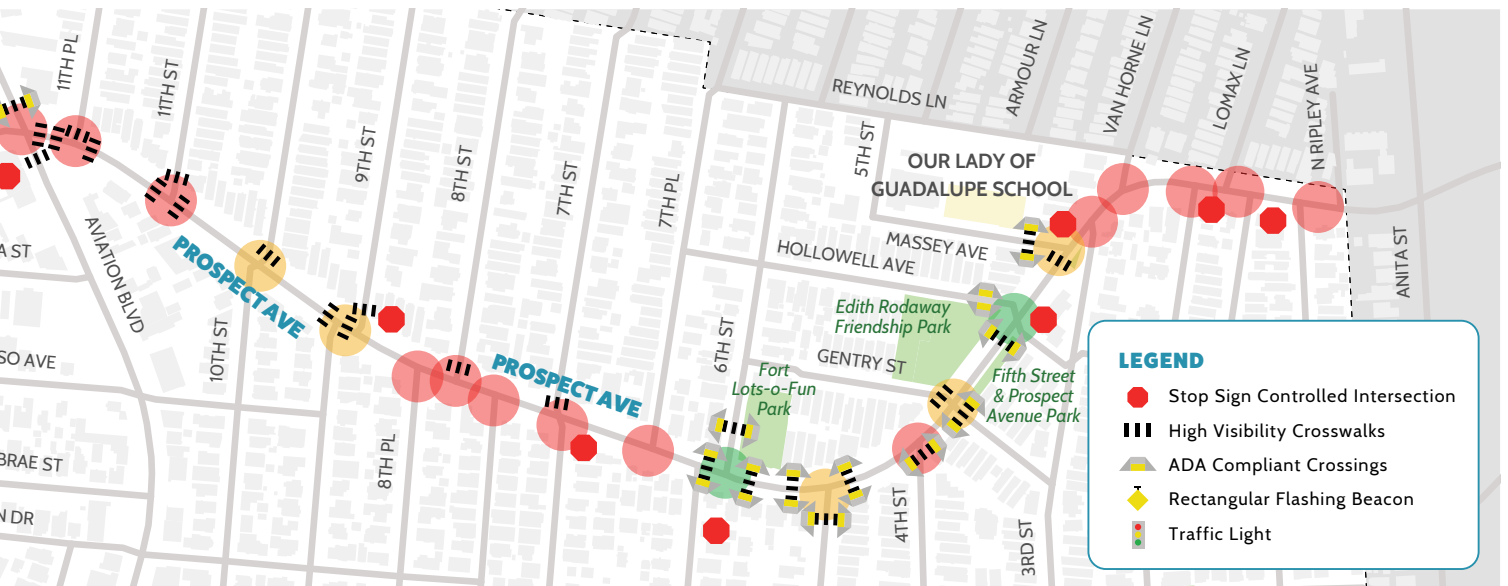
We used the following factors to evaluate intersections. If an intersection has 4 or more of these elements it received a green designation ● meaning it is the best option for demonstration project. Intersections that have 3 of these of these elements it received an orange designation ● meaning it is the viable option for demonstration project. Intersections with 2 or less elements received a red designation ● least application for a demonstration project.

### Elements:

- Community Identified intersection
- Existing curb ramps
- Potential for safety improvement with demonstration installation
- Near Destination
- Existing Right-of-way or space for demonstration treatment

## NORTH (Artesia Blvd to Aviation Blvd)

- Experienced good yield compliance at stop-controlled intersections
- Speeding was not observed between Artesia Blvd and 17th St
- Speeding was observed between 17th St and Aviation Blvd
- “No Parking” regulations (Monday through Thursday) vary between sides and different blocks along the corridor
- Parking is available but is limited due to the number of driveways and no parking regulations
- Roadway width approximately 40 ft in this section of Prospect Ave
- Rodway width allows for a variety of different intersection treatments depending on selected site



## SOUTH (Aviation Blvd to City Limit)

- Experienced good yield compliance at stop-controlled intersections
- Frequency of stop sign is higher in the southern portion of the corridor
- Observed limited speed between Aviation Blvd to 9th St
- Parking is only available on the east side of the corridor
- “No Parking” regulations (Monday through Thursday) vary along different blocks of the corridor
- Parking is available but limited due to the number of driveways and no parking regulations
- Roadway width is approximately 30 ft throughout the southern portion of Prospect
- Roadway width limits types of demonstration treatments



# INTERVENTION TYPES

PAINTED CURB EXTENSION



SIDEWALK EXTENSION



TRAFFIC CIRCLES/PED ISLAND



# DELINEATOR TYPES

ZICLA

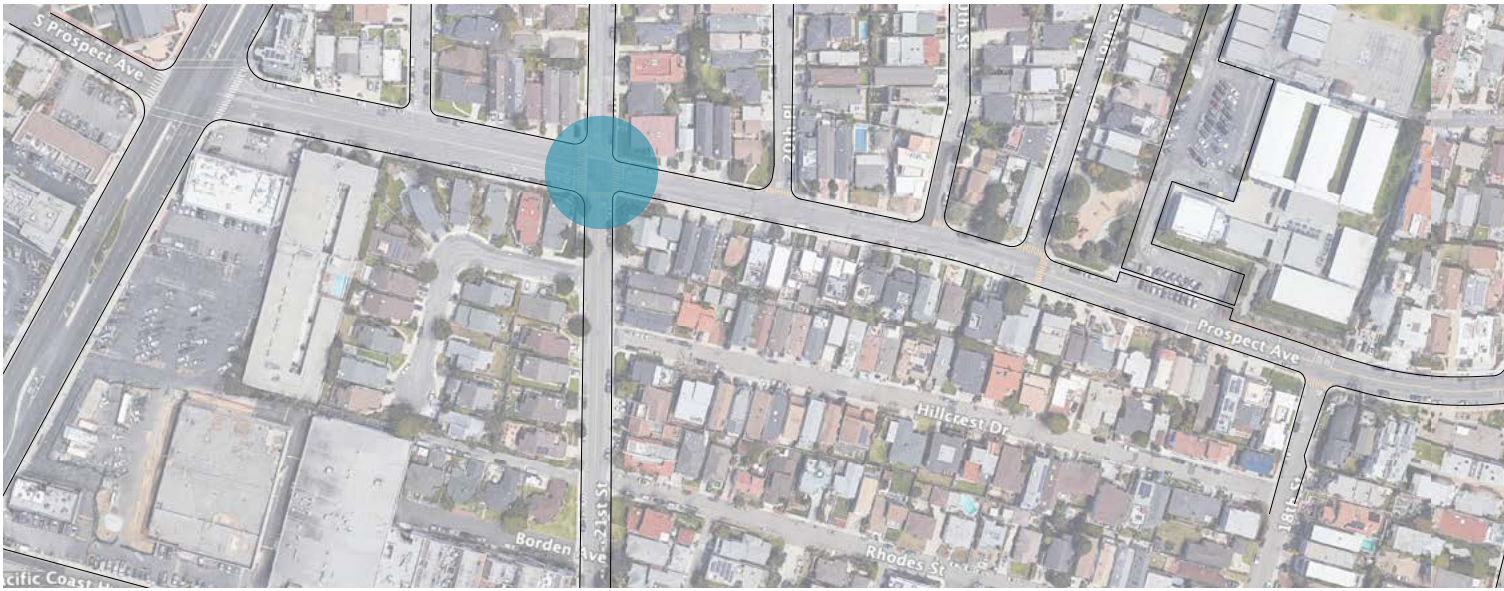


K71'S / FLEXSTAKES



PLANTERS





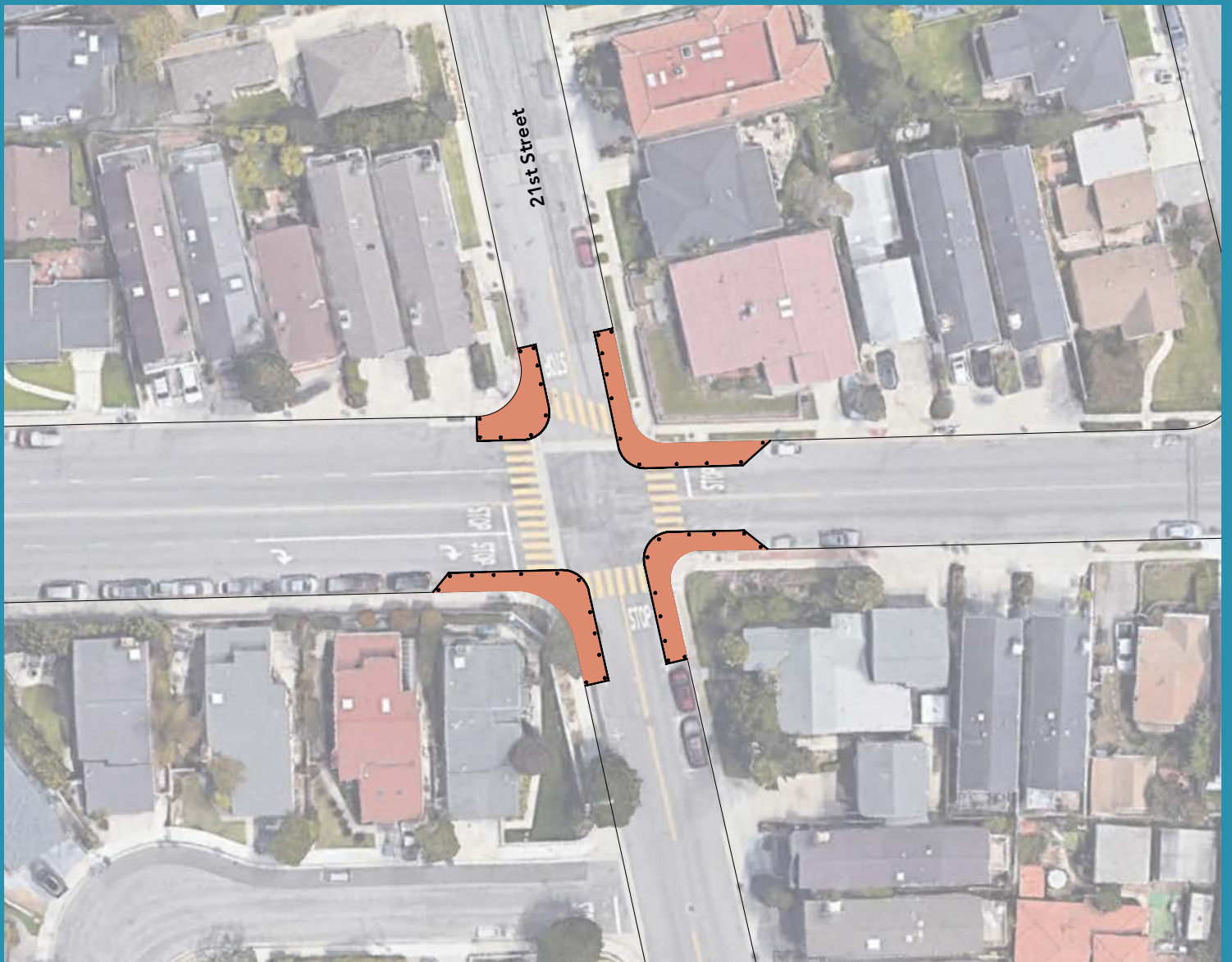
# DRAFT CONCEPT | 21<sup>ST</sup> STREET

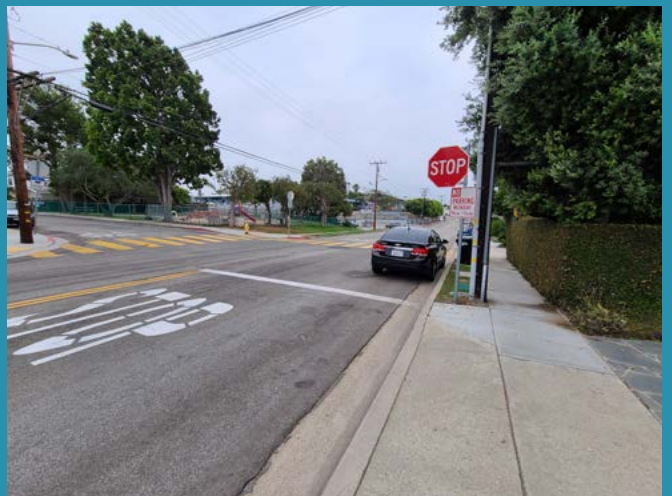
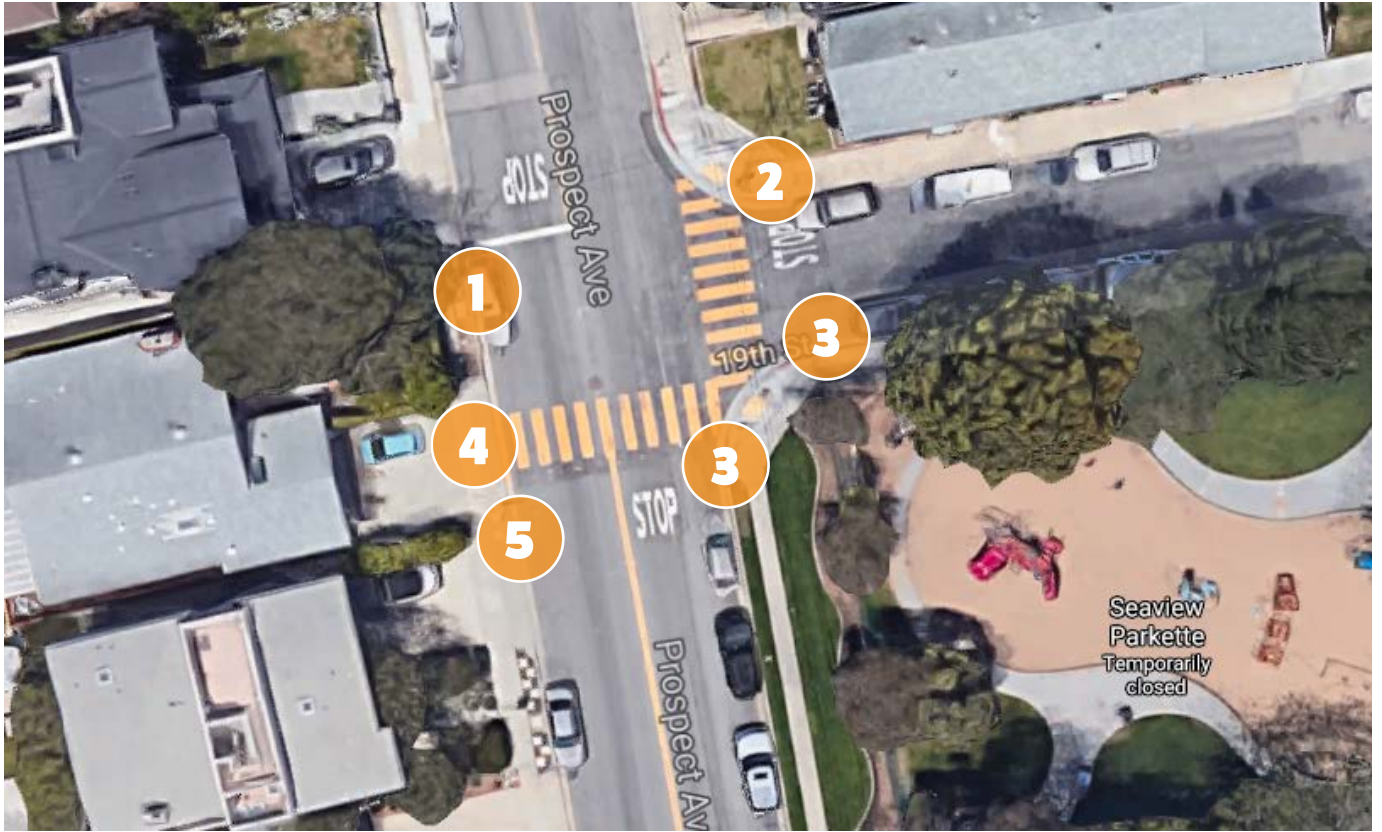
**Treatment Type:** Curb Extensions

**Parking Spaces Lost:** 4

## **Materials:**

1. White striping paint
2. Curb extension mural paint
3. Delineators



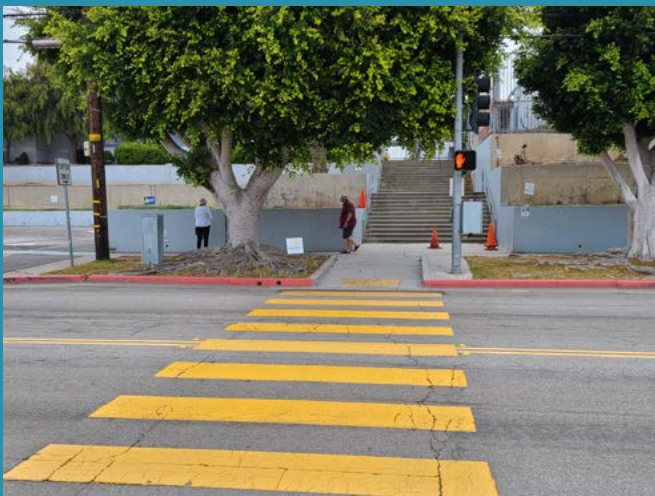
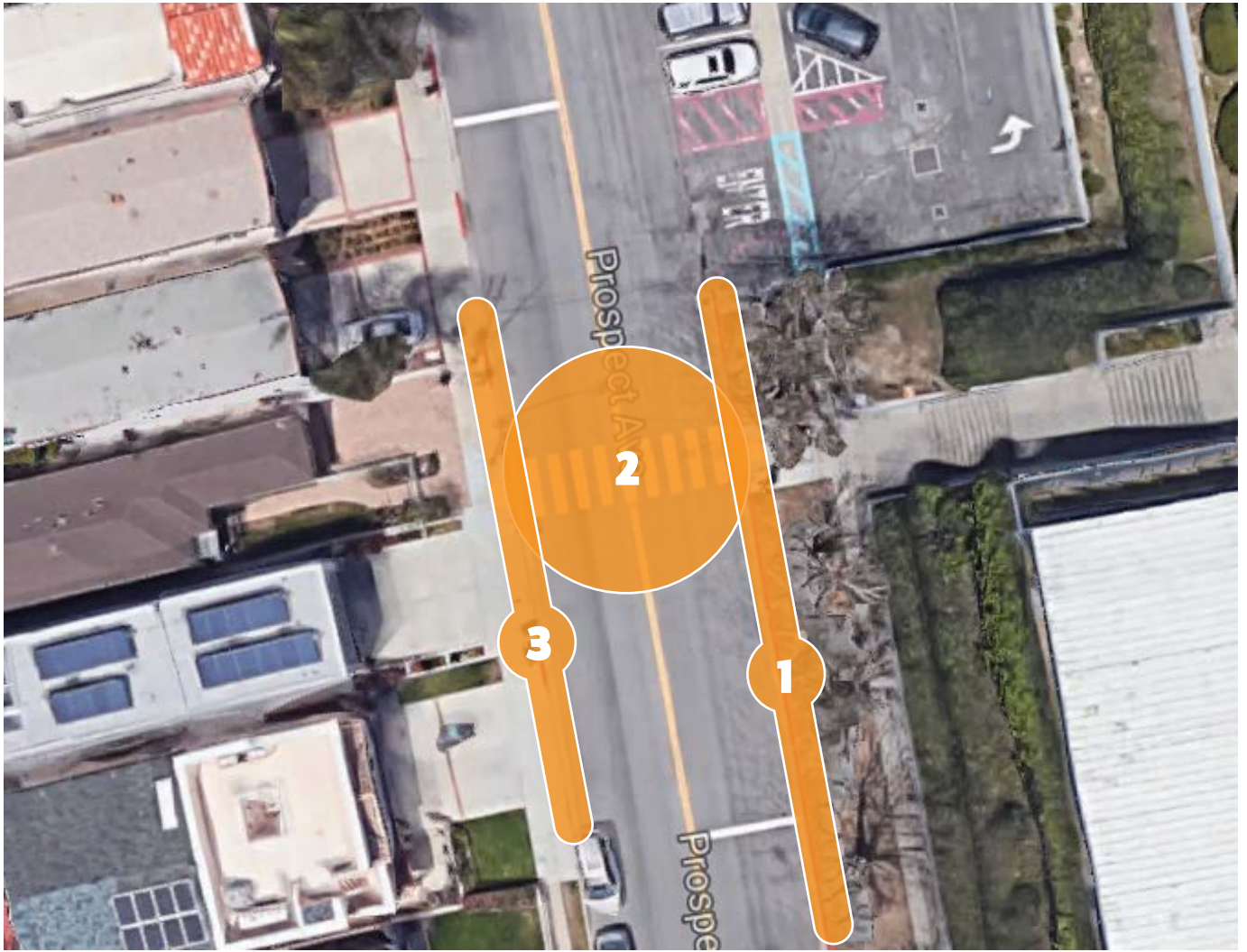


# DEMONSTRATION CONSIDERATIONS | 19TH STREET

- 1** Currently a parking space, implementing a red curb will provide better sightline to the crosswalk and could improve yield compliance
- 2** Existing red zone approx. 5-7 ft – could allow for curb extension but may need to increase red curb for curb extension
- 3** Existing red zone approx. 10-12ft – would allow for curb extension without losing parking
- 4** Non-ADA compliant ramps, it leads to private driveway no truncated dome. Prevents treatment
- 5** Location of flashing beacon





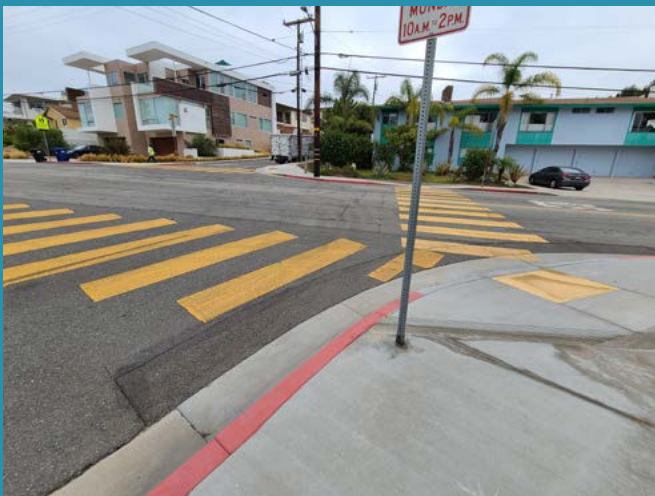
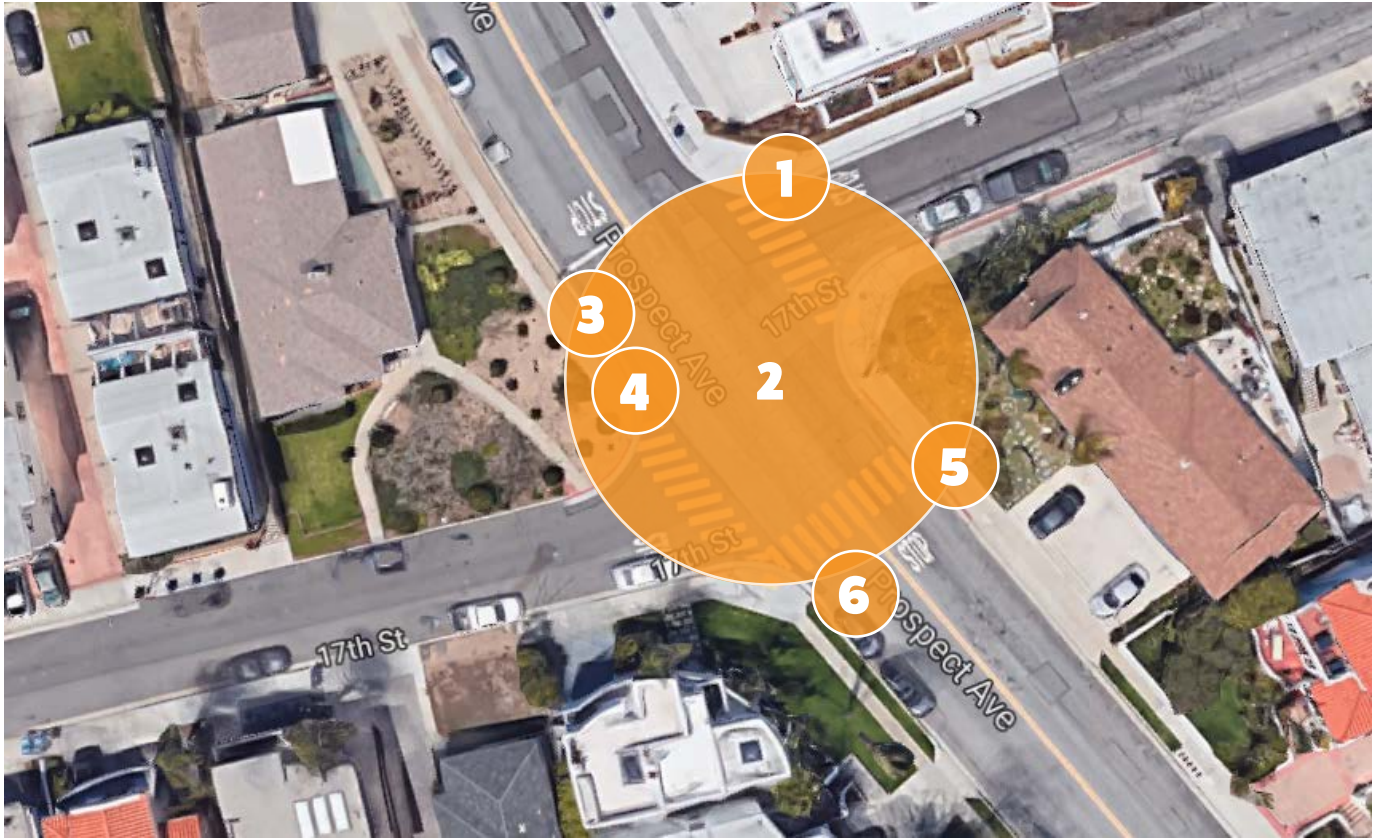


# DEMONSTRATION CONSIDERATIONS | MID-BLOCK CROSSING AT HERMOSA ELEMENTARY

- 1** Red curb 170 of red curb from school entrance to next residential driveway – zero parking impacts with treatment
- 2** Mid-block crossing with ADA compliant curb ramps. This controlled by an actuated overhead traffic signal.
- 3** There may be limited opportunity for curb extension due to the private driveways but no impact to existing parking as its either red curb or driveways for 50 ft in either direction of the midblock crossing

**Due to the upcoming planned construction at View School, this concept is not recommended for further consideration.**

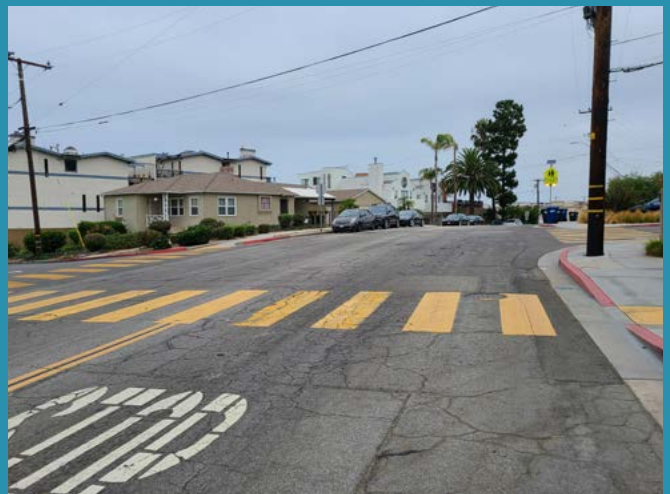




# DEMONSTRATION CONSIDERATIONS | 17TH STREET

- 1 Existing red zone approx. 6ft may need to remove parking spot for curb extension
- 2 All crossing and ramps are ADA compliant. All stop controlled
- 3 Existing parking space that should be converted to red curb to improve sightlines to crosswalk – and right hand hook turn also improve sightline for turn right from 17th to Prospect Ave
- 4 Existing red curb approx. 10 ft
- 5 Existing red zone approx. 10 ft on would allow for curb extension without losing parking
- 6 Existing red zone approx. 5-6ft, would need to remove a parking space for curb extension on each street 17th and Prospect

Reviewed no concept developed





## DRAFT CONCEPT | 19<sup>TH</sup> STREET

**Treatment Type:** Curb Extensions + Sidewalk Extension

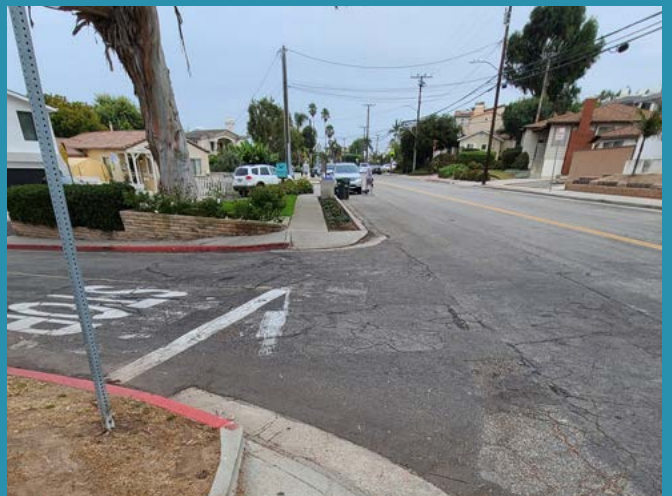
**Parking Spaces Lost:** 5

### **Materials:**

1. White striping paint
2. Curb extension mural paint
3. Delineators

**No demonstration concept at mid-block crossing due to construction at Hermosa View Elementary**





# DEMONSTRATION CONSIDERATIONS | 14TH STREET

1

Existing red curb would allow for curb extension with zero or only 1 parking spot loss

2

No red curb would need to remove 3 parking spots for crossing/curb extension

3

Potential crossing should be flush to the curb, away from the corner, to have a short crossing that at a better slight line angle

4

Existing red curb would allow for curb extension with zero parking lost

5

Potential crossing should be flush to the curb, needs closer evaluation on angle of sidewalk

6

Existing red curb but has a fire hydrant







## DRAFT CONCEPT | 14<sup>TH</sup> - 15<sup>TH</sup> STREET - A

**Treatment Type:** Curb Extensions + Pedestrian Island

**Parking Spaces Lost:** 4

### **Materials:**

1. White striping paint
2. Curb extension mural paint
3. Delineators





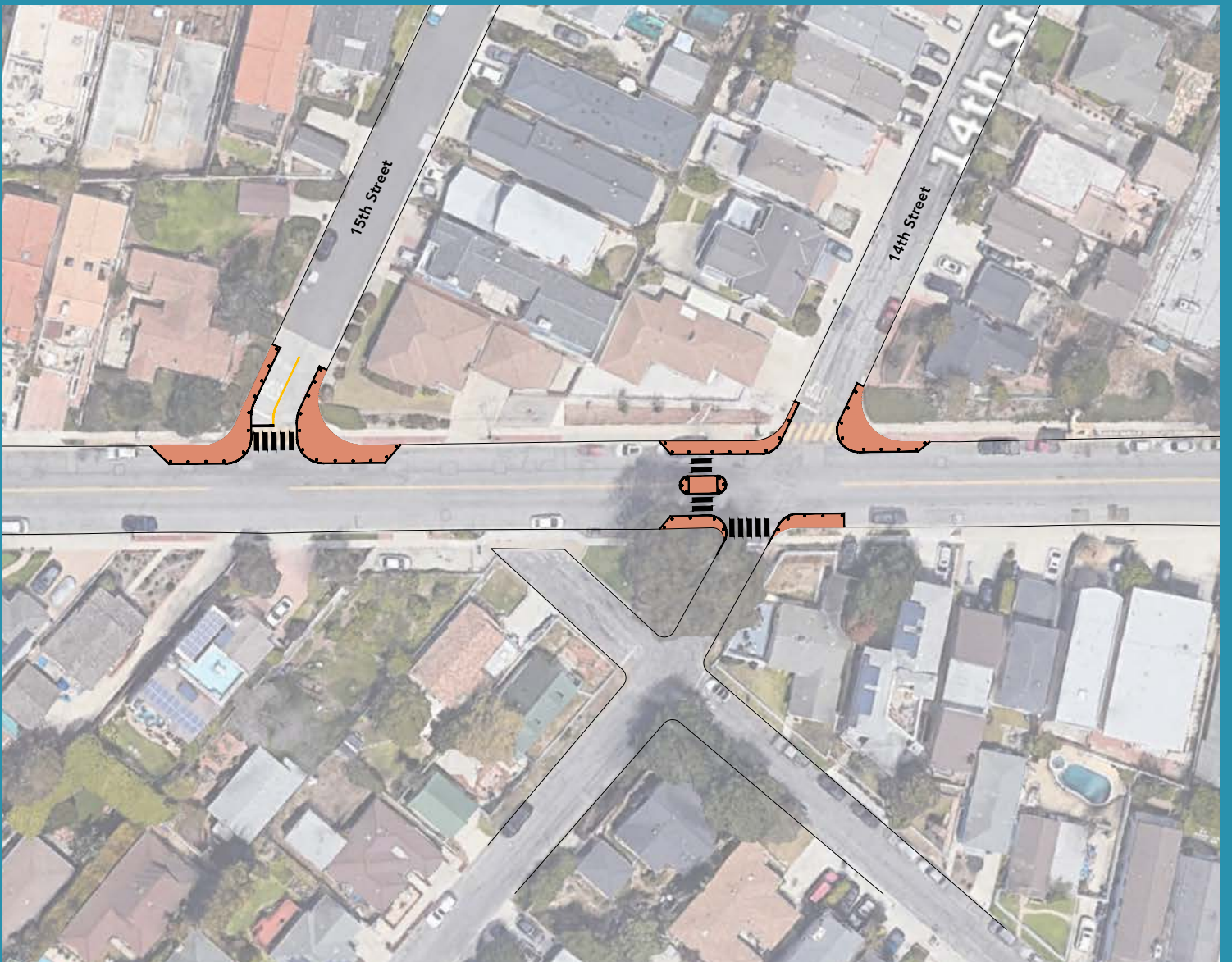
## DRAFT CONCEPT | 14<sup>TH</sup> - 15<sup>TH</sup> STREET - B

**Treatment Type:** Curb Extensions + Pedestrian Island

**Parking Spaces Lost:** 4

### **Materials:**

1. White striping paint
2. Curb extension mural paint
3. Delineators





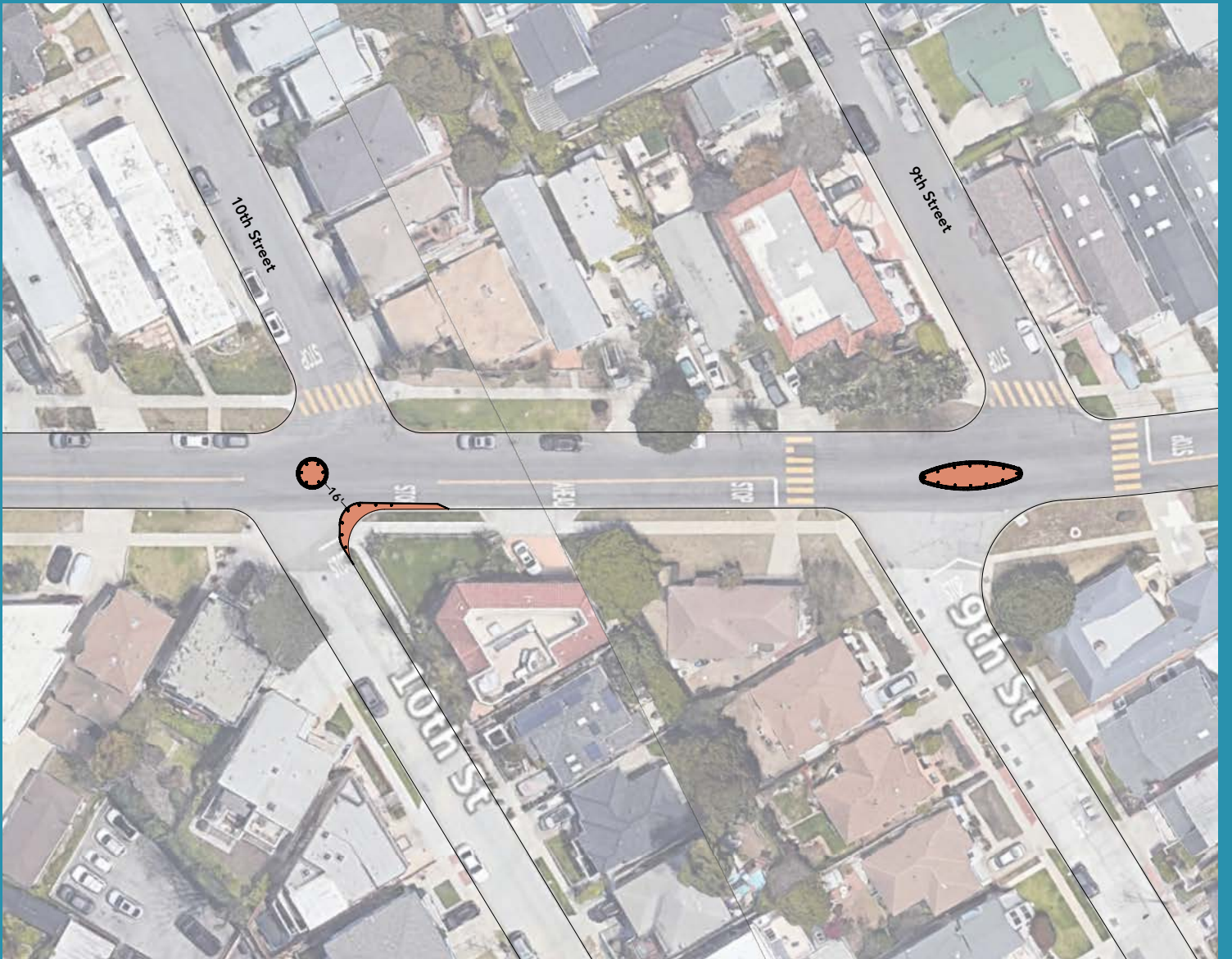
## DRAFT CONCEPT | 10<sup>TH</sup> - 9<sup>TH</sup> STREET

Treatment Type: Traffic Circles

Parking Spaces Lost: 0

### Materials:

1. White striping paint
2. Curb extension mural paint
3. Delineators





## DRAFT CONCEPT | 6<sup>TH</sup> STREET

Treatment Type: Curb Extensions

Parking Spaces Lost: 3

### Materials:

1. White striping paint
2. Curb extension mural paint
3. Delineators







# DEMONSTRATION CONSIDERATIONS | HOLLOWELL

1

Approx. 5ft from limit line to private driveway no vehicle parking

2

No red zone vehicles parked less than 3 ft from crosswalk

3

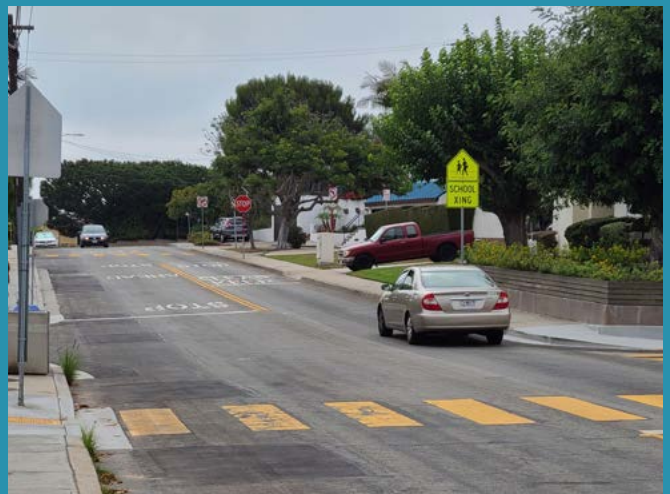
All crossing and ramps are ADA compliant. All stop controlled

4

Currently no red curb, a vehicle parked in that location would limit sightlines to the crosswalk for a vehicle heading north, a vehicle parked in that location limits sightlines to crosswalk for car heading north

5

Street width is approx. 12 ft, no parking along the entire west side of Prospect Ave (south of Aviation Blvd) - does not allow for curb extensions on the west side of the roadway and limits potential treatments





# DEMONSTRATION CONSIDERATIONS | MASSEY

- 1 Red curb approx. 10ft – could allow for a treatment
- 2 Curb ramp but no truncated dome
- 3 Curb ramp but no truncated dome also the landscaping at the corner is overgrown impacting the sidewalk space
- 4 No curb ramp – the west side of the southern portion has no space for curb extensions





# DRAFT CONCEPT | GENTRY - HOLLOWELL - MASSEY

**Treatment Type:** Curb Extensions - Safe Routes to School

**Parking Spaces Lost:** 6-7

## **Materials:**

1. White striping paint
2. Curb extension mural paint
3. Delineators



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