

# Grand Avenue Complete Streets Paving Project

Improving Grand Avenue for all roadway users along with a planned repaving project



City of  
Oakland

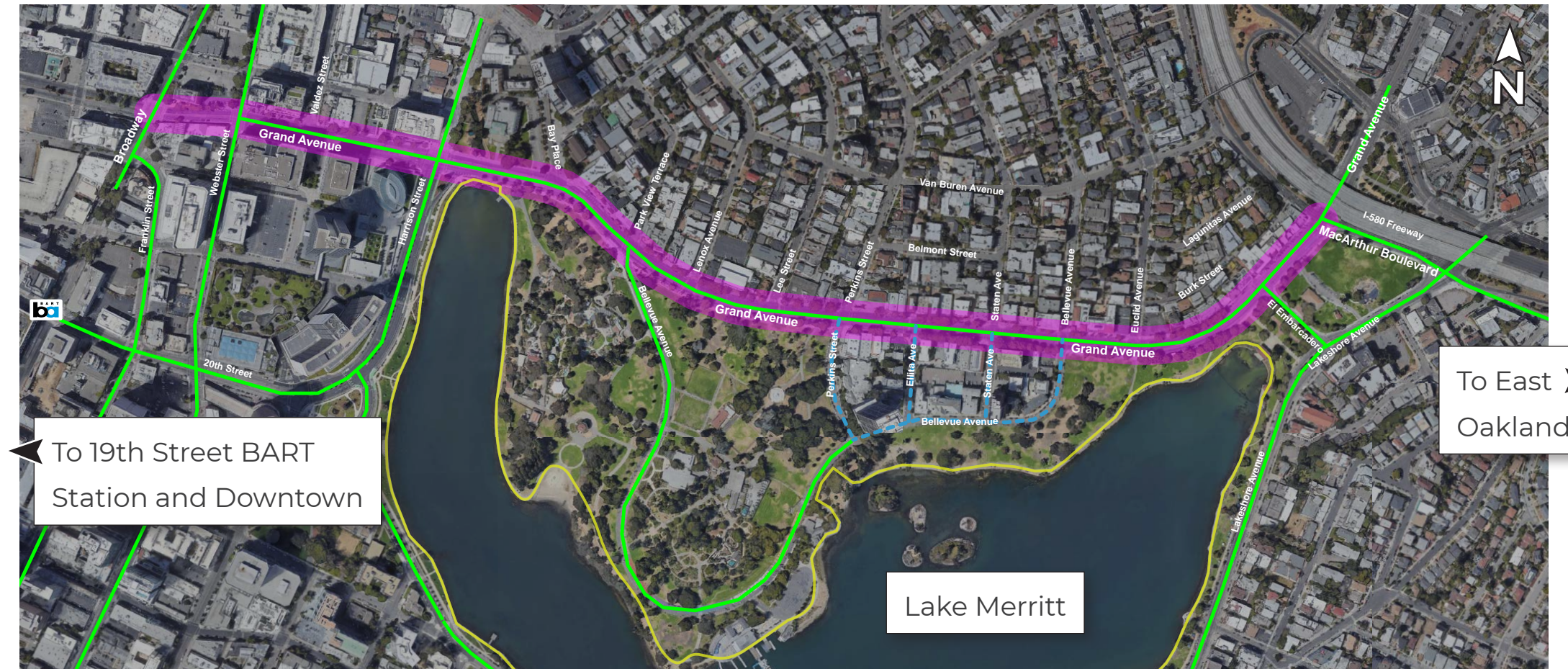
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## OVERVIEW:

Grand Avenue from Broadway to MacArthur is scheduled to be repaved by the City of Oakland Department of Transportation (OakDOT). This segment of Grand is a vital transit connection for thousands of bus riders every day, a key link in the City's Bikeway Network, and a thriving commercial corridor that acts as Oakland's gateway to Lake Merritt.

## PUBLIC OUTREACH IN 2022!

OakDOT staff will be conducting in-person outreach to local businesses and stakeholder in early 2022, with more events and pop-ups planned for later in the year. **Please visit the website listed below and enter your email into the form (green button at top of site).** We'll keep you posted on milestones and opportunities for input.



Grand Avenue in this neighborhood also acts as a cut-through route for drivers avoiding traffic on I580, and is on the City's Bicycle and Pedestrian High Injury Network - the 6% of City streets that account for over 60% of severe and fatal collisions. **Along with this repaving project, how can OakDOT improve safety and access for people walking, biking, and taking the bus?**

- Grand Avenue Project Area
- Bicycle Lane Network
- Lake Merritt Bike/Ped Path
- Slow Streets Network

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## EXISTING CONDITIONS



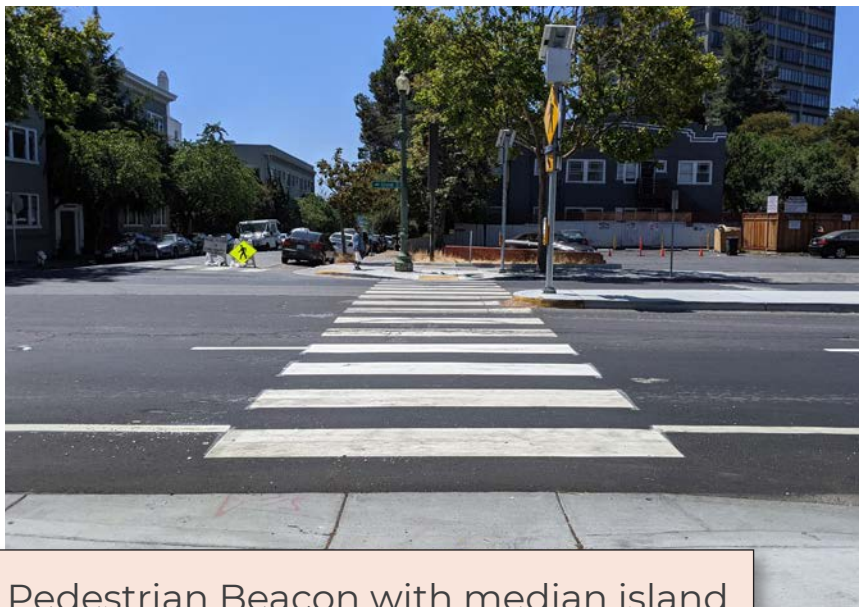
On-street unprotected bike lanes are not comfortable for all ages and abilities



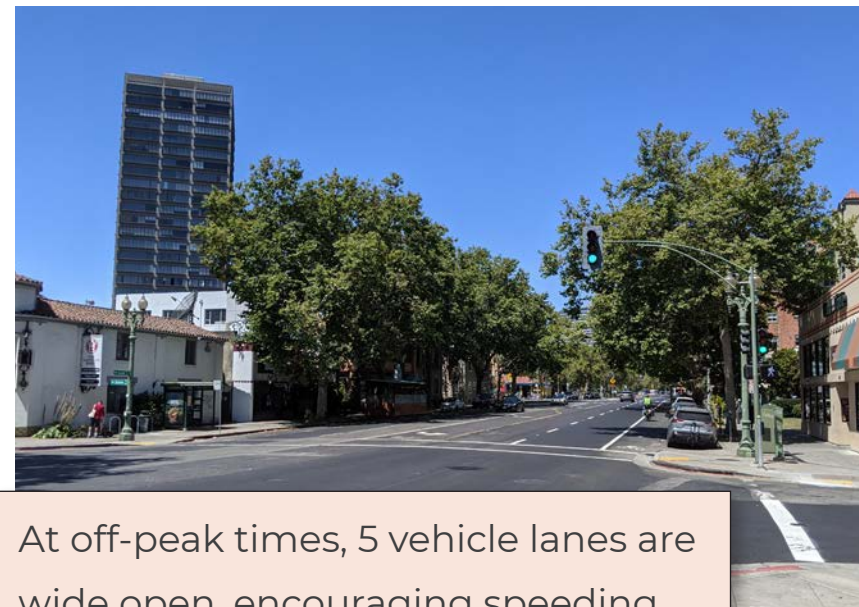
Pedestrian Hybrid Beacon encourages yielding at 5-lane crossing @ Bellevue



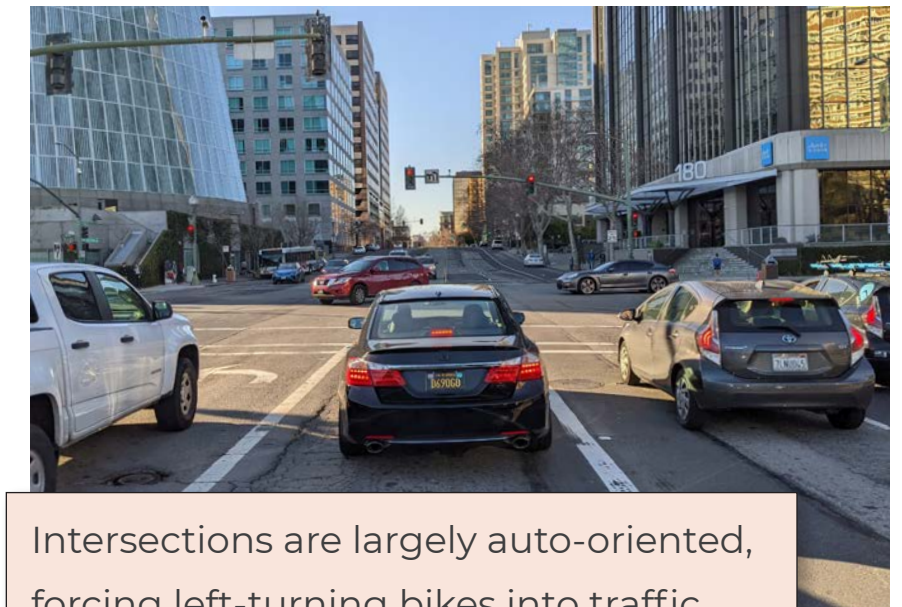
Some intersections lack crosswalks



Pedestrian Beacon with median island



At off-peak times, 5 vehicle lanes are wide open, encouraging speeding



Intersections are largely auto-oriented, forcing left-turning bikes into traffic

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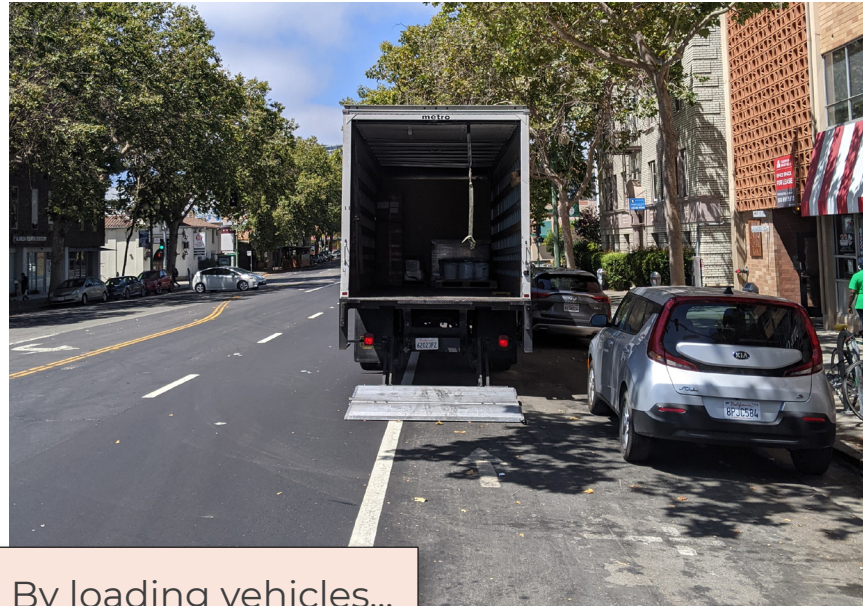
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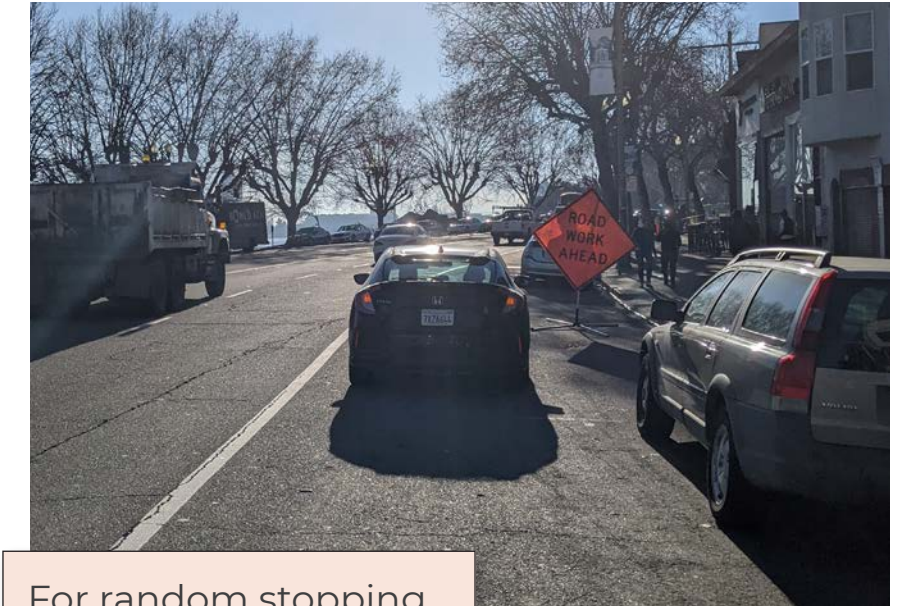
## EXISTING CONDITIONS - BLOCKING THE BIKE LANE



By loading vehicles...



For parallel parking (while blocking the bus)...



For random stopping...



For food pickup/dropoff...



For UPS vans straddling parking spaces...



and finally, for dumpsters...

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## TRANSIT LINES, RIDERSHIP, AND RELIABILITY



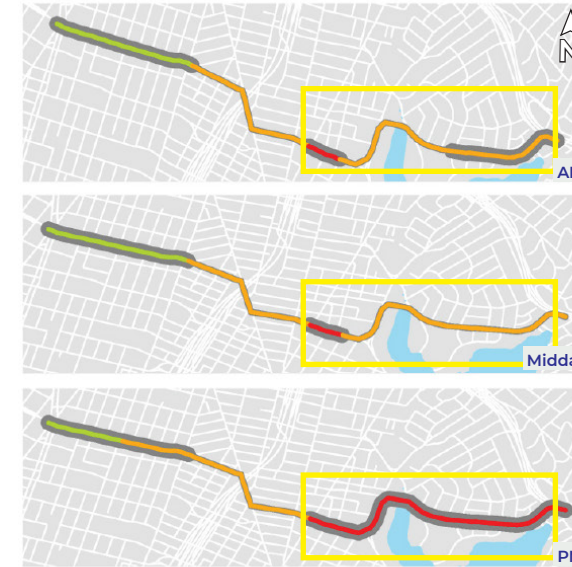
- Grand Avenue Project Area
- Line NL (Transbay)\*
- Line 12
- Line 33\*

*\*Dashed lines are current routes for 33, NL that will move from 20th to Grand in early 2022*

Grand Avenue from Broadway to MacArthur has some of the highest ridership of any corridor in Oakland and is also one of the most congested. A vital link from Downtown Oakland to points north and east, this stretch of Grand Avenue **carried over 4,400 passengers per weekday in 2019.**

As a key vehicle connection to (and bypass for) I-580, this corridor is also one of AC Transit's slowest sections during rush hour, when ridership is also highest. During the evening rush hour, bus speeds along Grand Avenue drop to a crawl of 8 MPH (from a high of 13 MPH at other times of day).

### Eastbound Reliability - Line NL



### Westbound Reliability - Line NL



Project area

- Travel speed**
- < 10 mph
  - 10 - 15 mph
  - 15 - 20 mph
  - > 20 mph
- Reliability**
- High
  - Medium
  - Low
- Miles 0 0.2 0.4

In both the eastbound direction (in the PM peak), and the westbound direction (in the AM peak), the Broadway to MacArthur segment of Grand Avenue is a bottleneck for AC Transit's Transbay Line NL and local Line 12, which together carry 3200 passengers per day between MacArthur and Broadway.

LINE	WEEKDAY RIDERS IN PROJECT CORRIDOR
12	1,050
33	1,220
NL	2,150
<b>Total</b>	<b>4,420</b>

Source: AC Transit, 2019 Weekday Ridership Data

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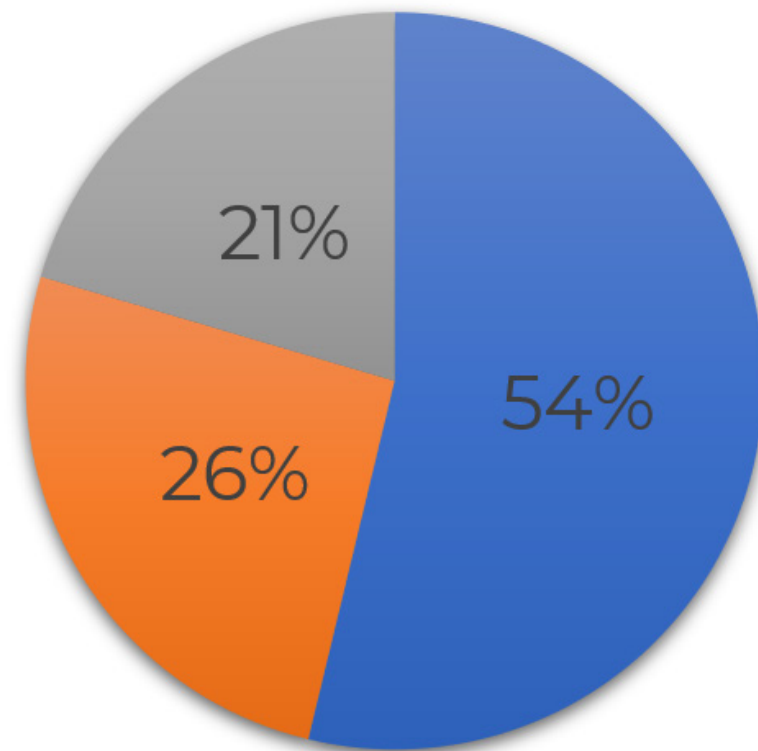
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## TRAFFIC COLLISIONS

Grand Avenue from Broadway to MacArthur is on Oakland's High Injury Network - the 6% of City streets that are responsible for 60% of reported collisions. 104 people were injured in traffic collisions on the Project corridor in the 5 years from 2016-2020. Grand Avenue in this stretch has comparatively high rates of pedestrian and bicycle collisions compared to the City of Oakland average (47% of collisions on Grand involved people walking or biking, compared to only 20% Citywide).

### Collisions on Grand By Mode (2016-2020)

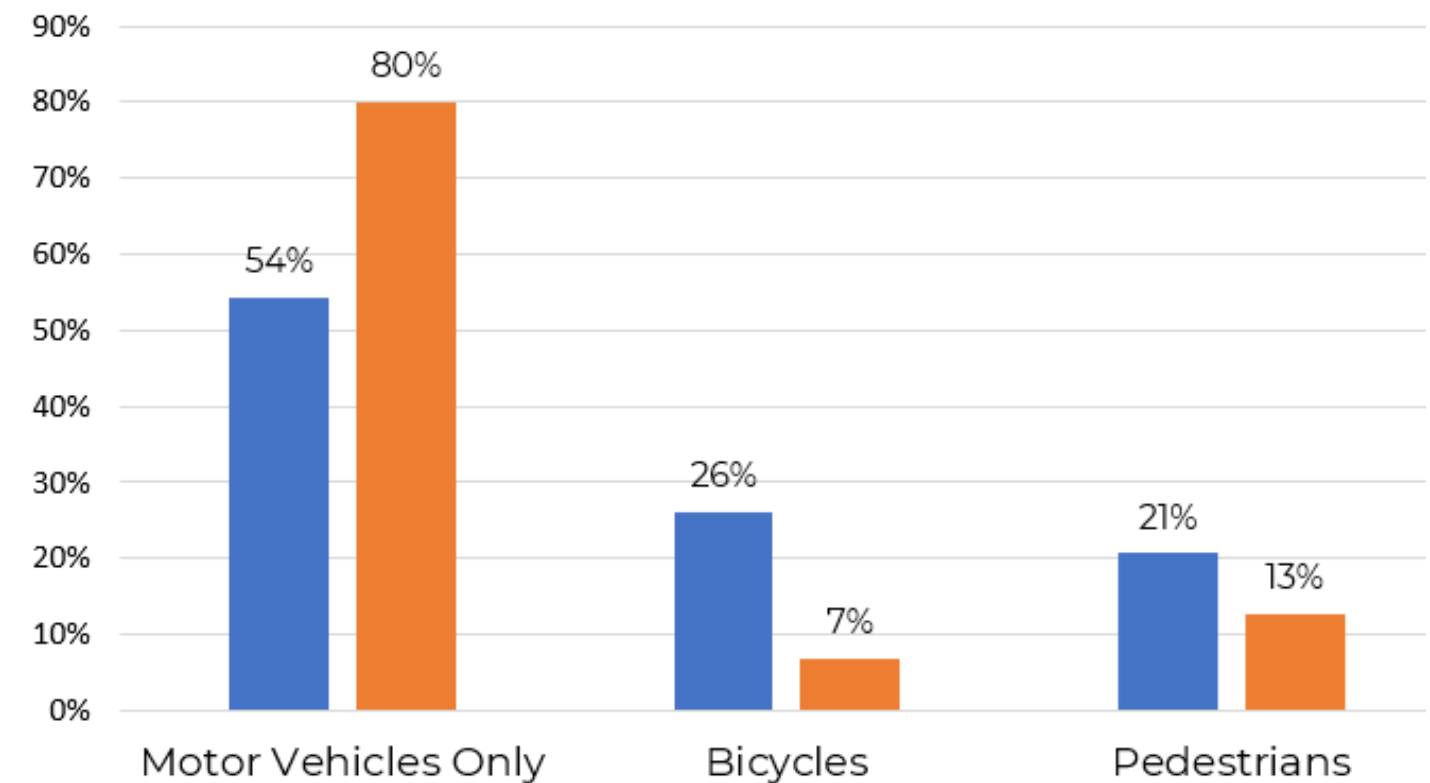


■ Motor Vehicles Only ■ Bicycles ■ Pedestrians

#### TOP 5 INJURY LOCATIONS:

1. Broadway
2. El Embarcadero
3. Perkins
4. MacArthur
5. Ellita

### Grand Avenue vs. City of Oakland Collision Comparison



■ Grand Avenue Corridor ■ City of Oakland

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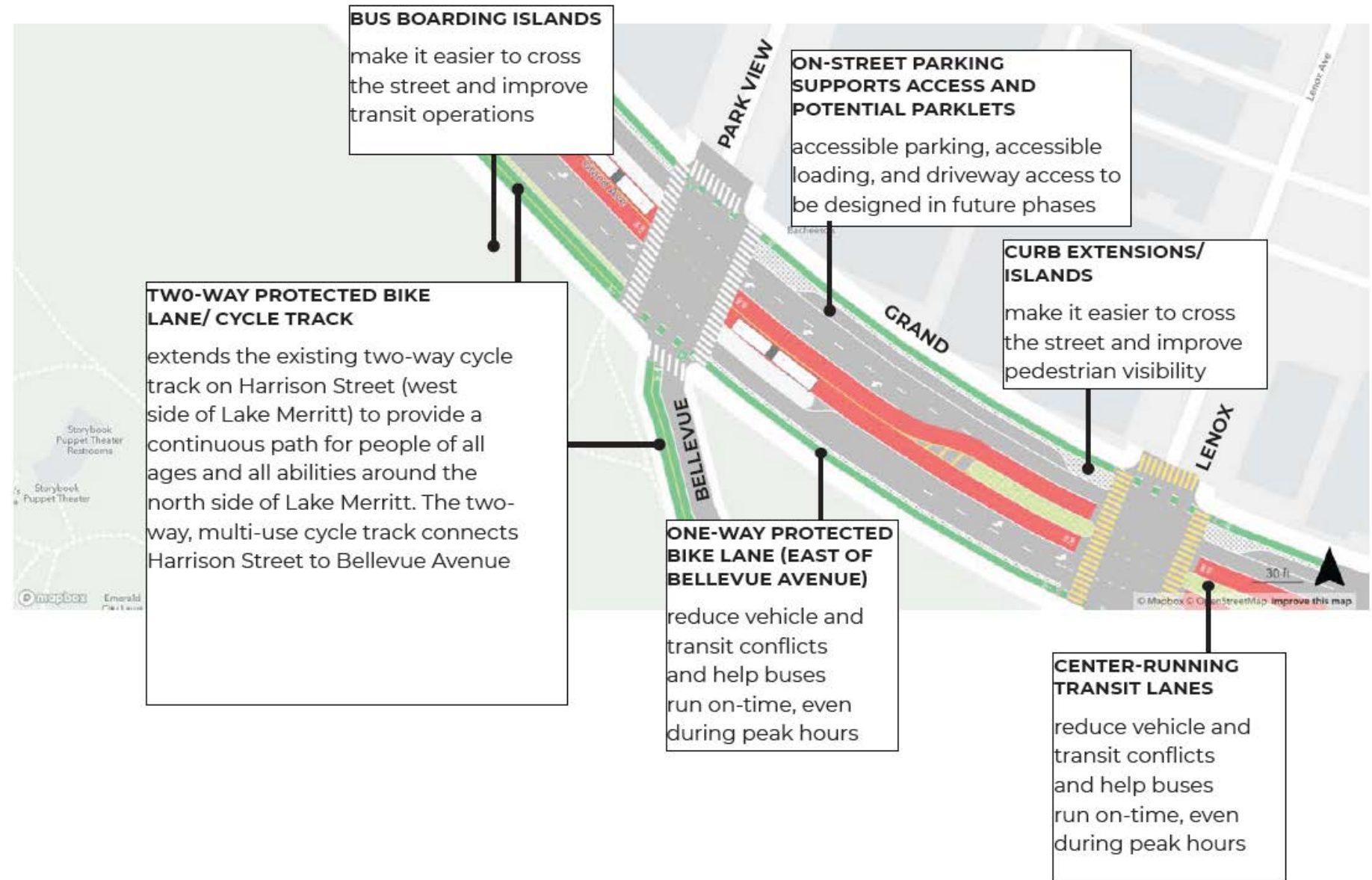
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## GRAND AVENUE MOBILITY PLAN:

OakDOT's Grand Avenue Mobility Plan is an ongoing Planning study to define a long-term vision for the entire Grand Avenue corridor, from Wood Street in West Oakland to MacArthur Boulevard. **The public outreach responses and recommendations from the Grand Avenue Mobility Plan will inform the design decisions for this Complete Streets Paving Project.**

It is important to note that the Grand Avenue Mobility Plan presents a long-term, high-cost vision for improving Grand Avenue over the coming decades. A center-running Bus Rapid Transit vision for Grand at Bellevue is shown at right. **This planning and design effort will identify elements of these long-term proposals that can be delivered through this Complete Streets Paving Project.**

**FIGURE 10:** Grand Avenue (Park View Terrace to Lenox Avenue) Planning-Level Concept



*Excerpt from Grand Ave Mobility Plan showing center-running transit lanes*

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## OTHER ADJACENT PROJECT, COORDINATION OPPORTUNITIES



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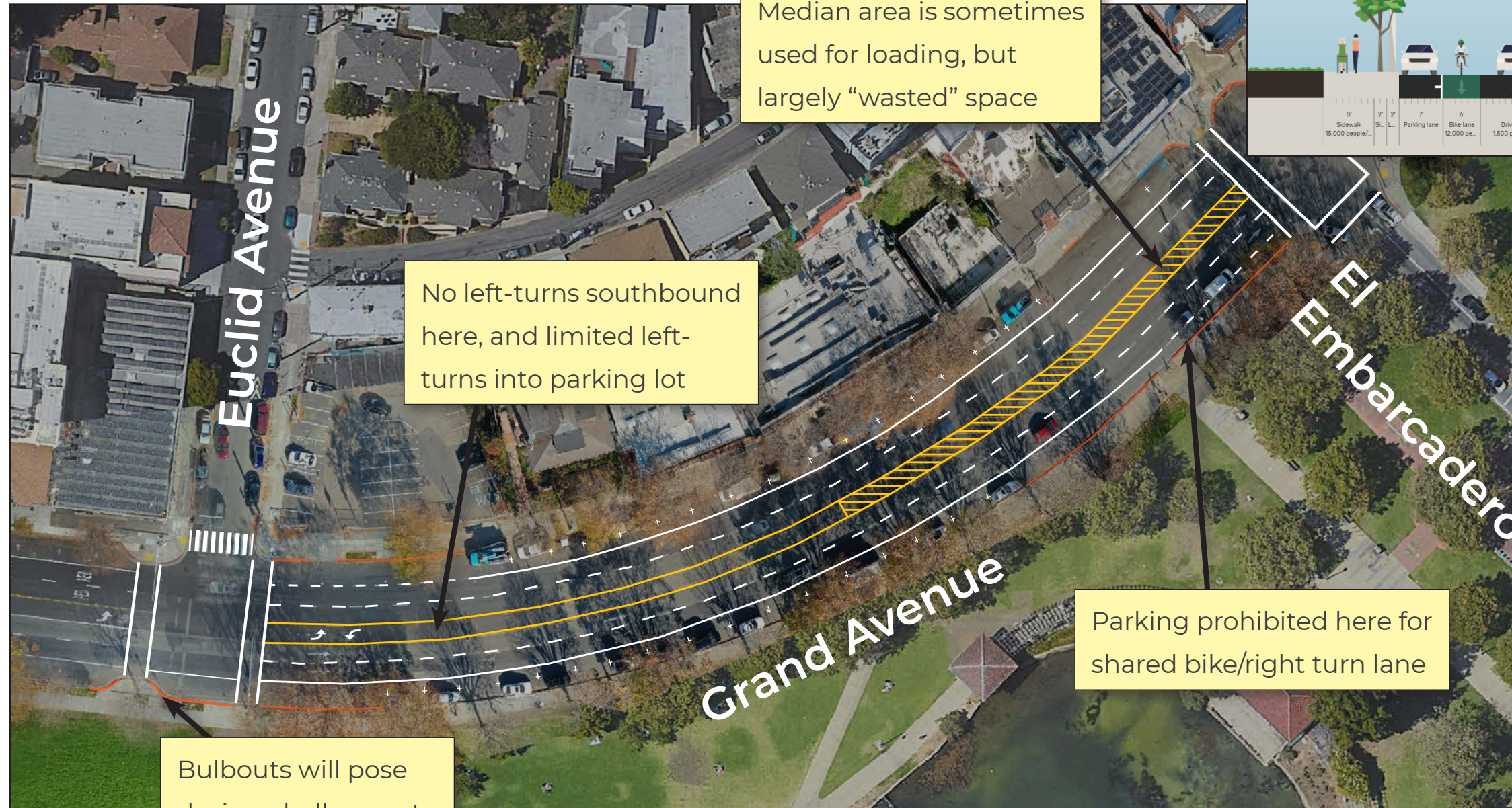
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## TYPICAL BLOCK PLAN - EXISTING

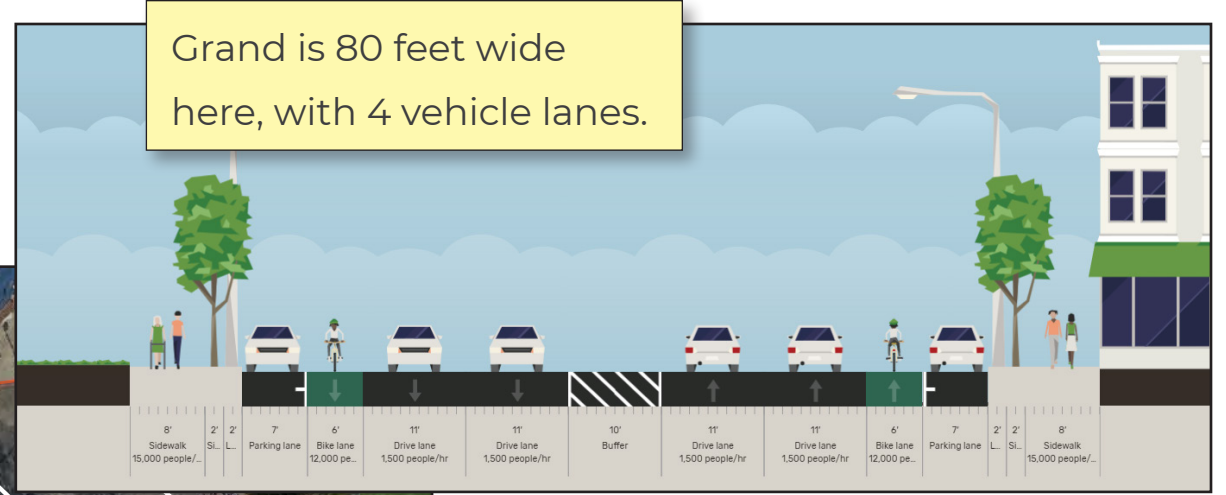


Median area is sometimes used for loading, but largely "wasted" space

No left-turns southbound here, and limited left-turns into parking lot

Bulbouts will pose design challenges to curbside bike lanes

Parking prohibited here for shared bike/right turn lane





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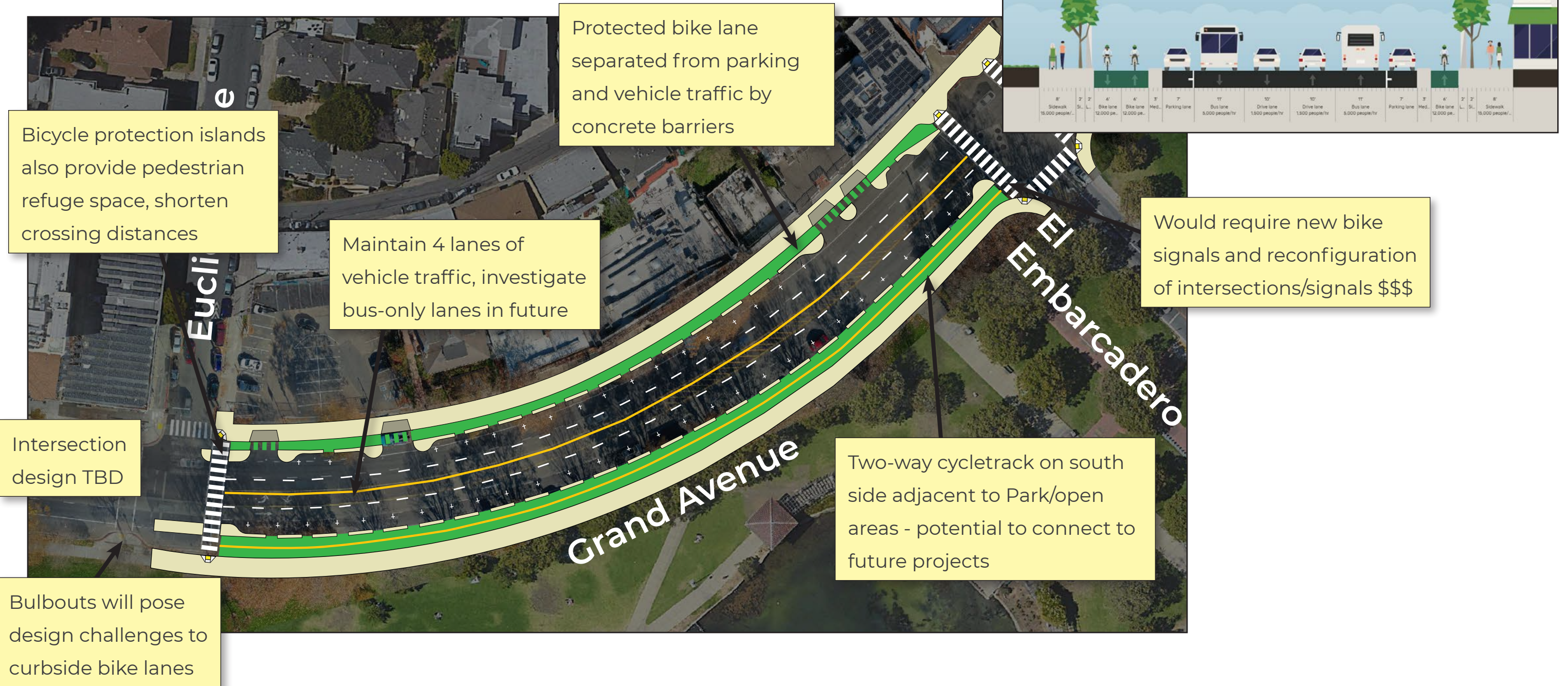


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## TYPICAL BLOCK PLAN - DRAFT PROPOSAL

**\*\*FOR DISCUSSION PURPOSES ONLY\*\***



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## SCHEDULE AND NEXT STEPS

- » Early 2022 - Traffic Studies and Concept Design
- » Spring 2022 - Public Outreach (tabling, virtual meetings, outreach to local stakeholders and businesses)
- » Summer 2022 - Concept Design Development (2 design alternatives)
- » Summer/Fall 2022 - Online Survey and outreach to select Final Concept Design
- » End of 2022 - Present Final Concept Design and Implementation Plan