



Sunnyvale

## Java Drive Road Diet & Bicycle Lanes

Bicycle and Pedestrian Advisory Commission  
June 17, 2021



# Agenda

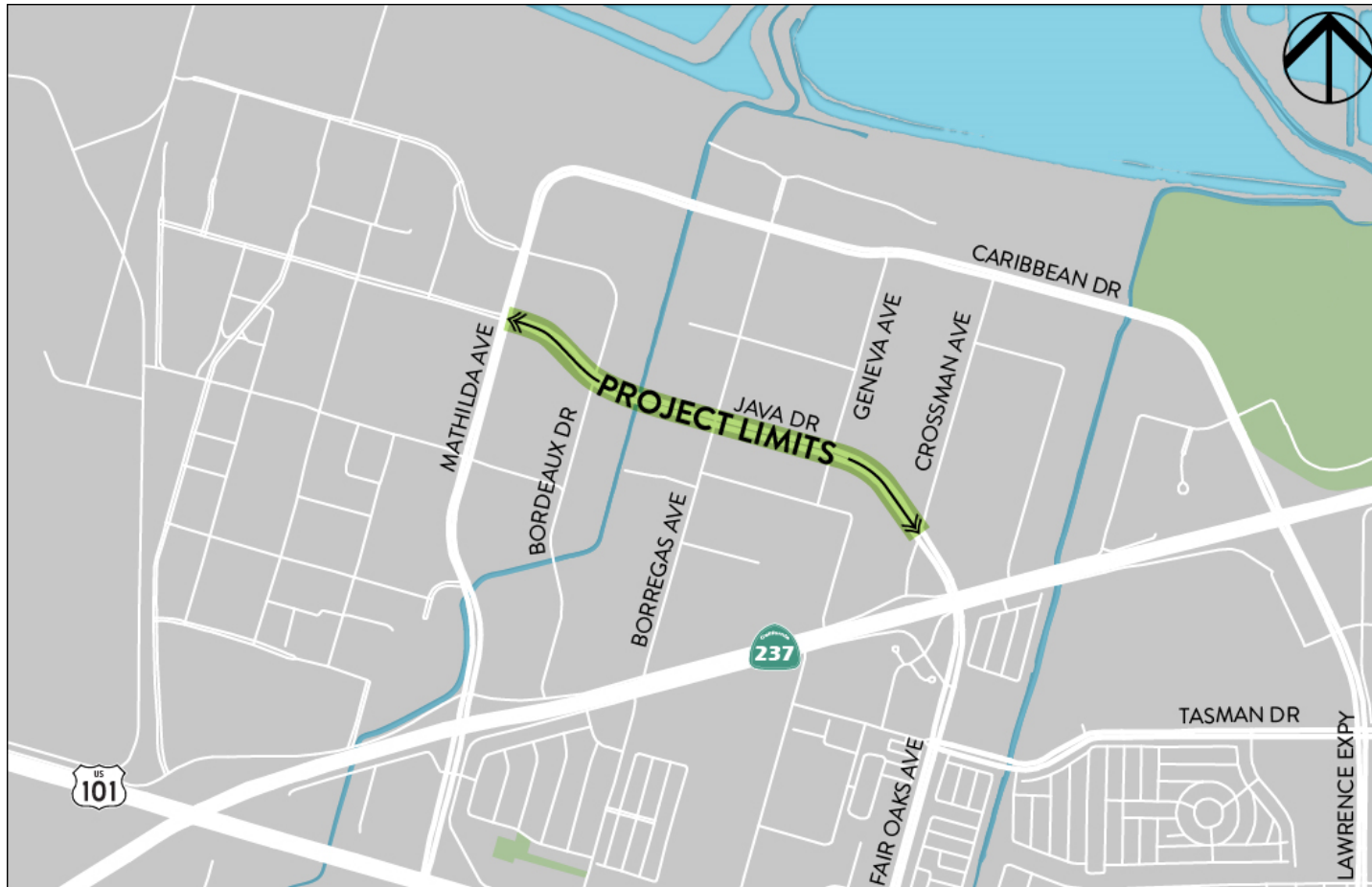
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- Background
- Existing Conditions
- Proposed Options
- Traffic Analysis
- Next Steps



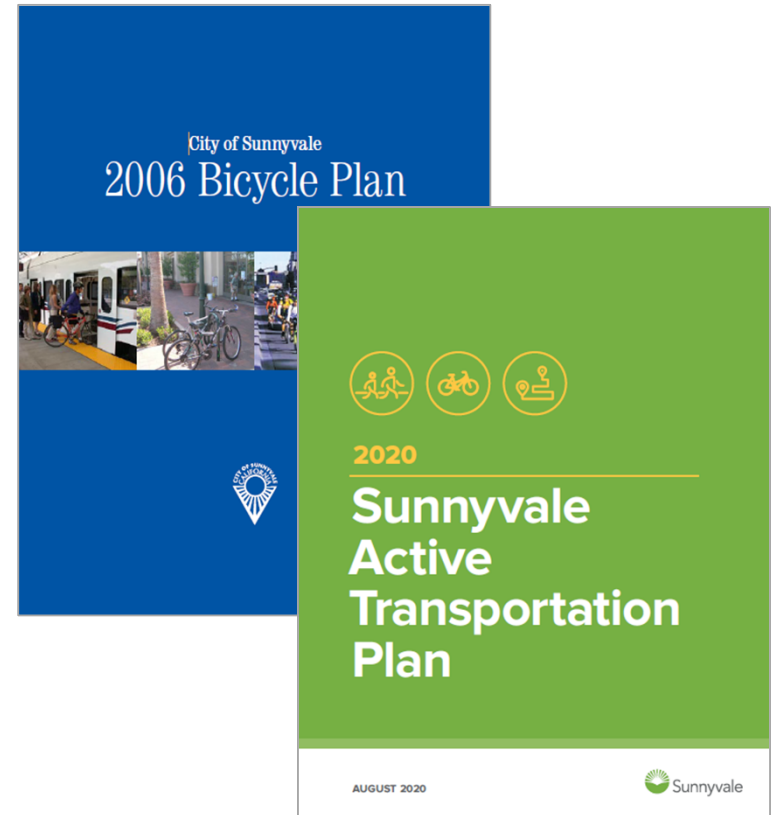
# Project Background

# Project Location



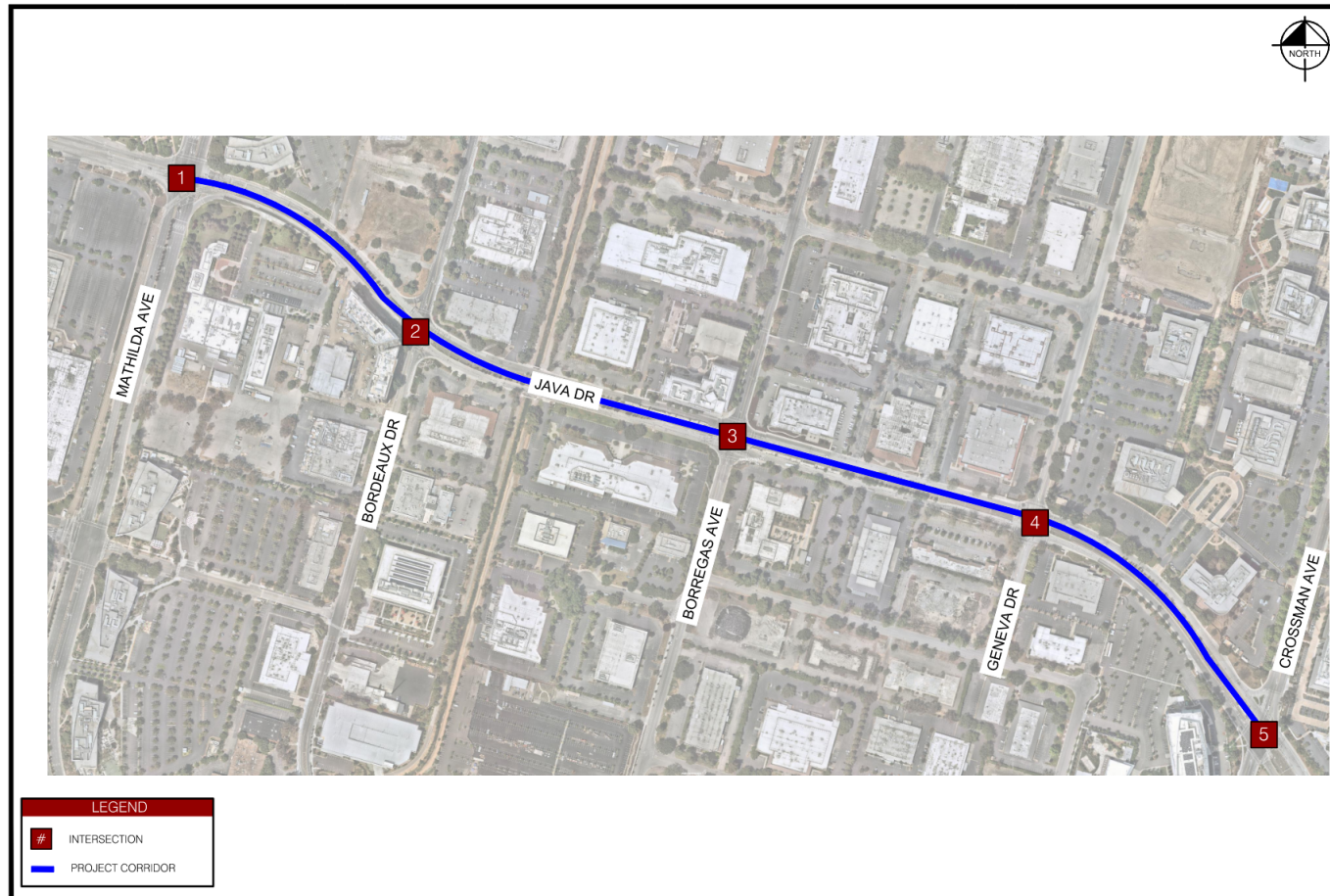
# Background

- 2006 Bicycle Plan
- Active Transportation Plan
- Moffett Park Specific Plan updates
- One Bay Area Grant
- Project proposes to add:
  - 10,000 feet of bicycle lanes
  - Bicycle detection at intersections



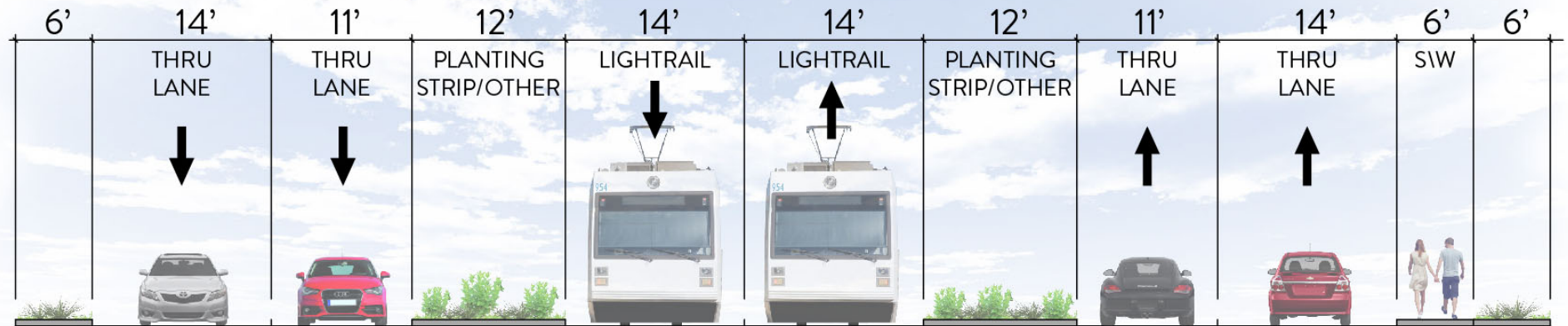


# Study Intersections



# Existing Conditions

# Existing Typical Cross Section



EXISTING



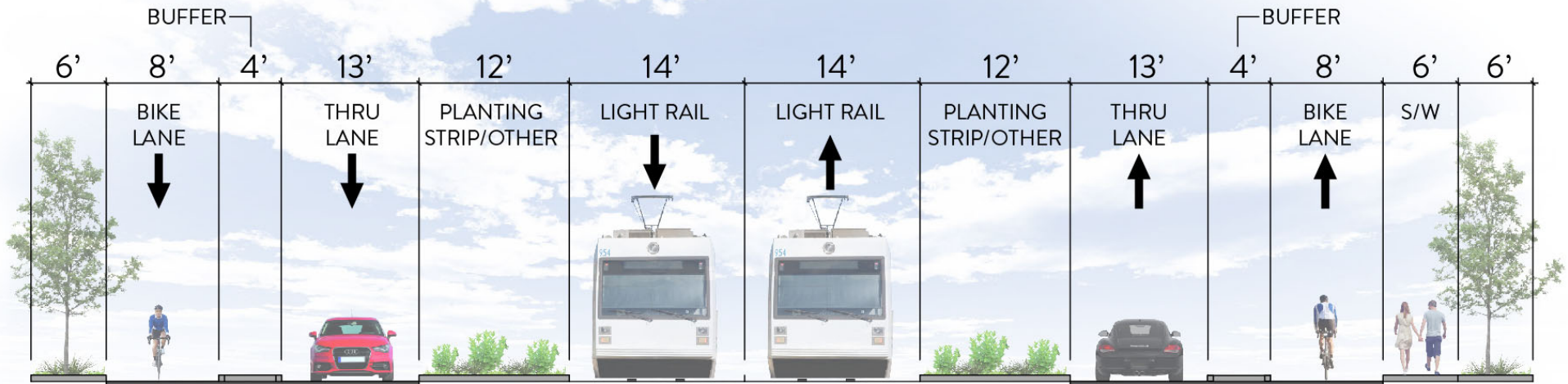
## Existing Conditions: Traffic Analysis

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- Level of Service analysis was completed
- Level of Service is acceptable
- Current data was gathered prior to COVID-19 traffic levels
- Future demand growth anticipates more vehicular volume

# Proposed Options

# Proposed Typical Cross Section



**PROPOSED**

## Class II Buffered Bike Lane





## Class IV Separated Bikeway



# Traffic Analysis



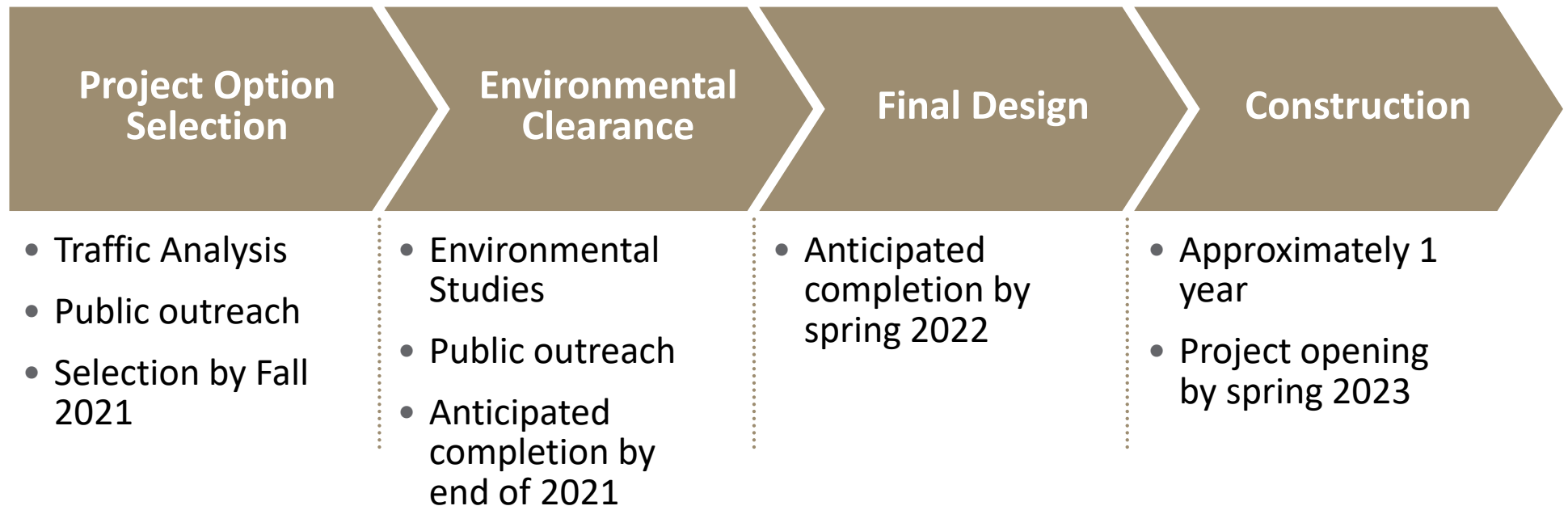
# Traffic Analysis

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- LOS with existing volumes and Class II - acceptable
- LOS with existing volumes and Class IV - acceptable
- Corridor with 2035 volumes and Class II - Over Capacity
- Corridor with 2035 volumes and Class IV - Over Capacity
- Considered signal and geometric mitigations to improve 2035 delays
  - ◆ Signal Coordination Mitigation– minor improvement
  - ◆ Geometric Mitigation– no improvement

## Next Steps

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Questions?

