



Vision Zero: East San José Safety Improvements for Senter Road

COMMUNITY MEETING

May 28th & 30th, 2024



Agenda

1. Objective
2. Vision Zero & Senter Road
3. Overview of our Project
4. Schedule

Objective

- Provide updates on Department of Transportation (DOT) efforts along Senter Road
- Present key improvements and their safety benefits in upcoming project
- Understand the concerns of the community to help inform design, specifically on bikes lanes, medians, and street lighting

Feedback during presentation:

- Please hold questions until end of presentation
- All slides will be uploaded and posted on our website
 - bit.ly/senter-road

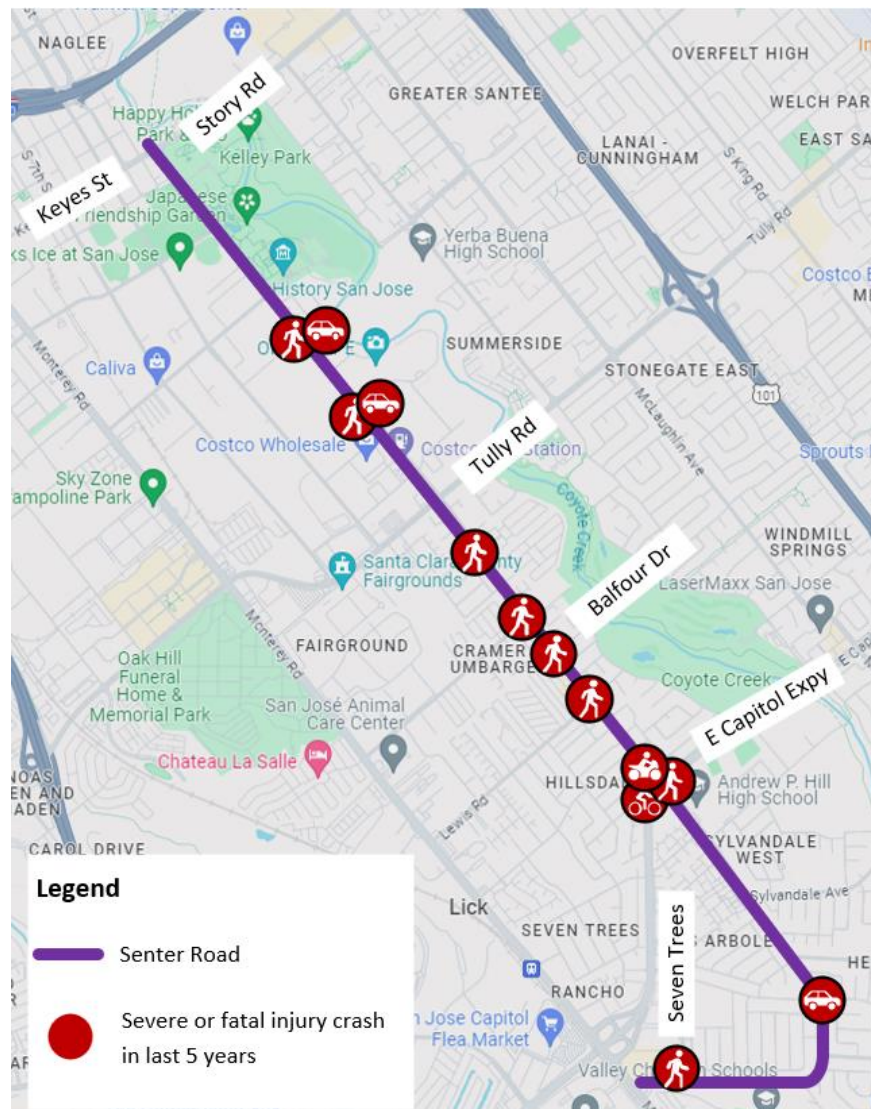


Vision Zero

- Goal of **Vision Zero** is to reduce and *eliminate traffic deaths and severe injuries*
- Roadways with high numbers of fatal and severe injury collisions were identified as **Priority Safety Corridors (PSCs)**
- **Senter Rd** is one of 30 PSCs.

Crash History

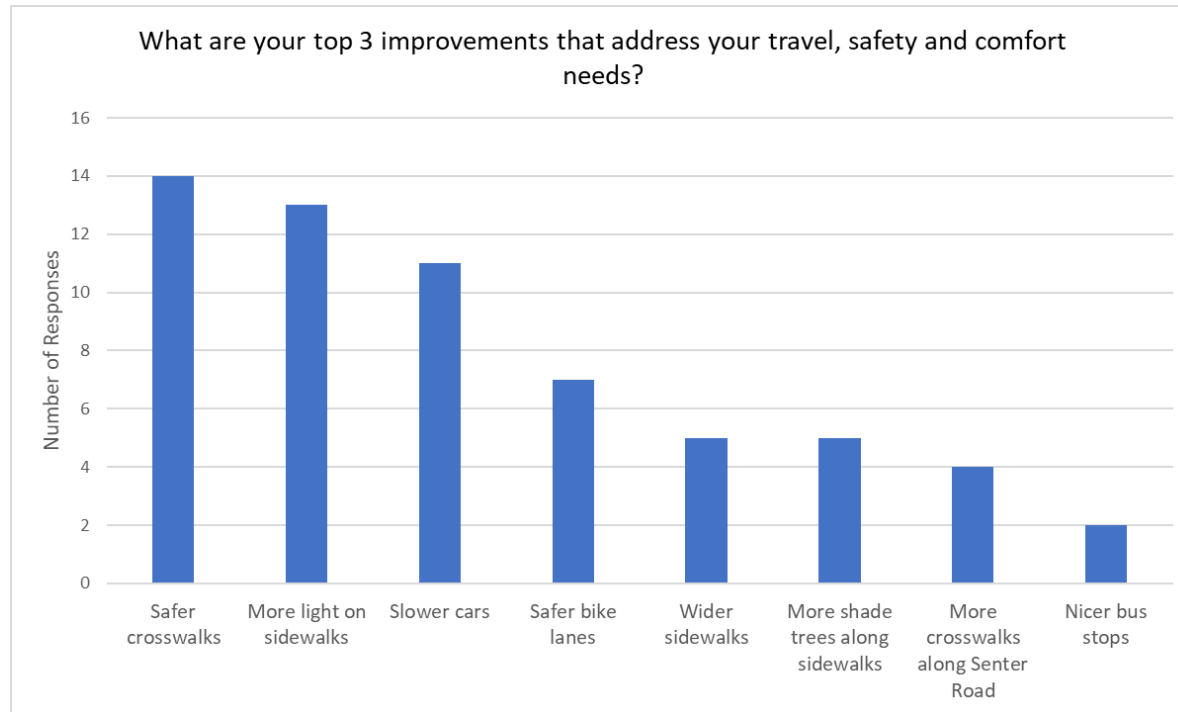
- Focusing improvements in areas that have experienced severe and fatal injuries



Map showing Killed or Severely Injured (KSIs)

Previous Community Outreach

- ❖ 2019 Senter Road Complete Streets Study conducted community outreach
- ❖ Feedback on safety/other concerns along the corridor, and how they use the streets



Recent History of Projects along Senter Rd

2019 Safety Study

Tully Rd – Monterey Rd

Planning Efforts

Long Term Vision
Complete Streets

2020 Grant Project

Story Rd – Singleton Rd

Permanent Improvements

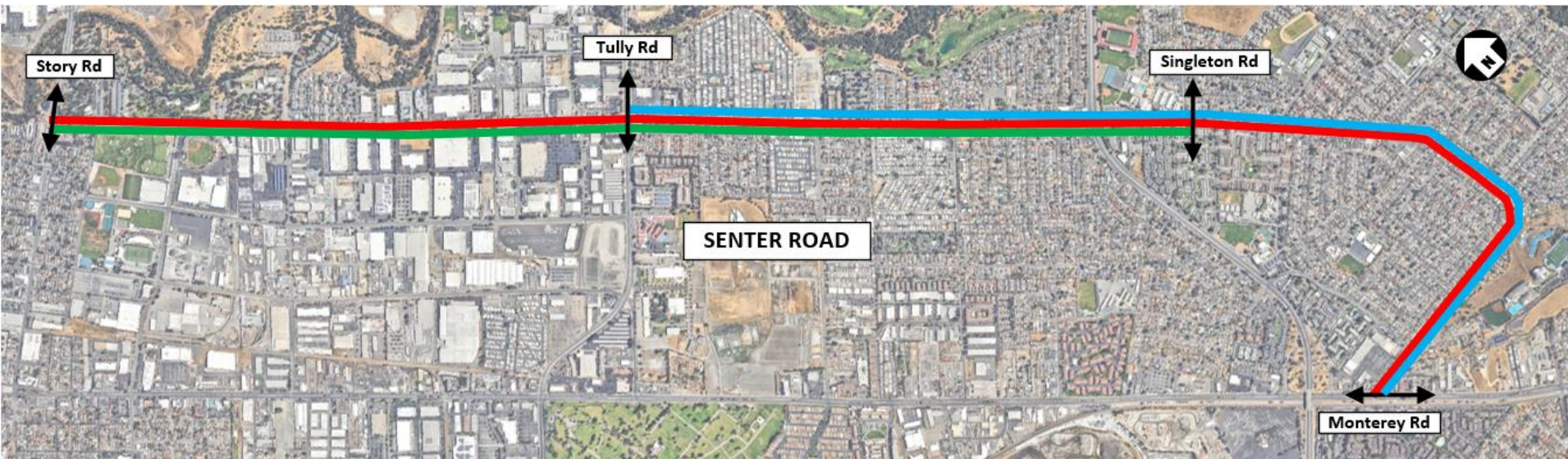
Median Islands
Pedestrian Fencing

2020 Repaving &
2021 Quick-Build

Story Rd – Monterey Rd

Temporary Improvements

Complete Streets Elements
Paint & Plastic



Improvements Installed

- ❖ Lane changes south of Tully with pavement resurfacing
- ❖ Protected bike lanes
- ❖ Quick-build corners
- ❖ High visibility crosswalks
- ❖ Traffic signal visibility upgrades
- ❖ Median with street trees

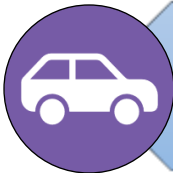


Qualitative Post-Project Feedback

DOT staff engaged with 200+ people at 10 locations:



Senter Road project supported by **nearly all pedestrians and bicyclists of all ages**



70% of drivers supported project



15% of drivers expressed concerns with increased traffic congestion, delays due to slower turning speeds, or other concerns



12% of drivers were unaware of the safety improvements implemented in the area

Vision Zero East San Jose Safety Improvements for Senter Rd

- ❖ \$10M funded from state earmark – signed in June 2022 (AB 178)
 - ❖ Additional \$5.8M pending award for funding of more bus stop improvements
- ❖ Make quick-build permanent + fund additional improvements along entire 4.7-mile segment of Senter Road
- ❖ Provide key pedestrian, bicyclist, transit and vehicle safety improvements



1. New Traffic Signal at Senter Rd & Balfour Dr / Haiti



Existing



Flashing beacon (Installed in 2013)

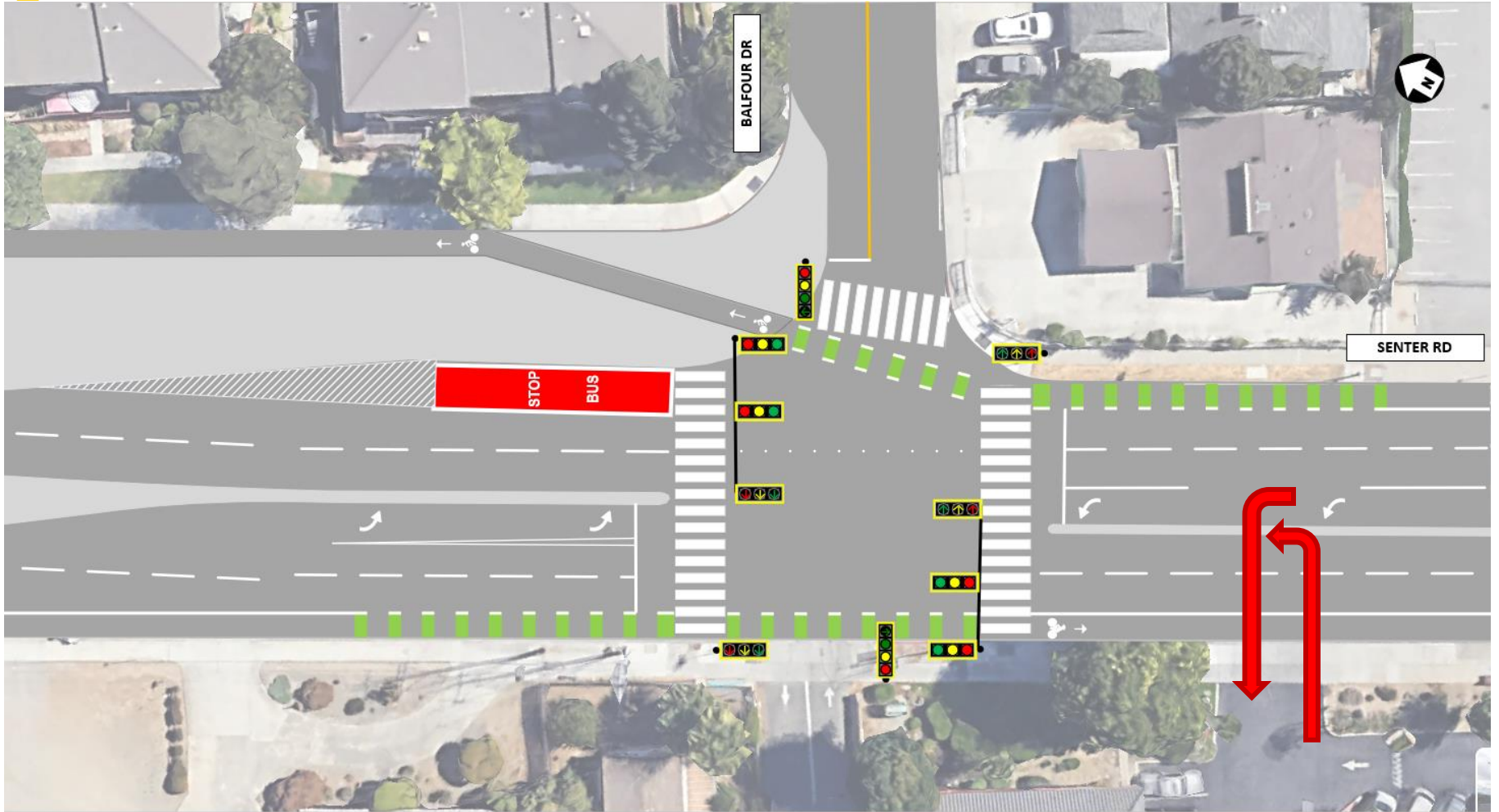
Proposed



Concept for new traffic signal



Senter & Balfour Traffic Signal



Access to Business Plaza

- Median will remove left turn access in and out of one driveway

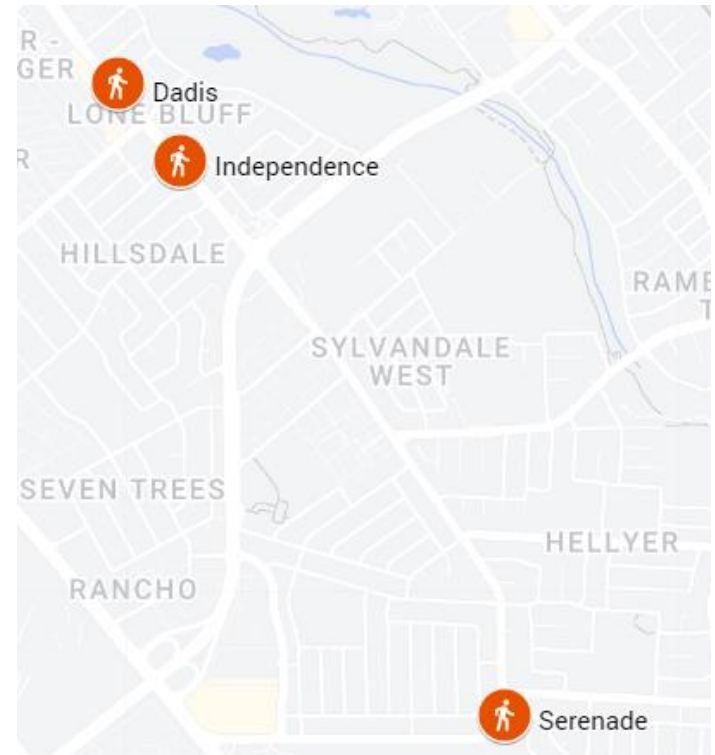


2. Flashing Beacons

- ❖ 3 new/upgraded rectangular rapid flashing beacons (RRFBs)



*Enhanced Crosswalk with RRFBs
Little Orchard / Perrymont*



3. Speed Radar Signs

- ❖ 9 new speed radar signs will be spaced throughout corridor



Speed Radar Signs

4. Median Improvements



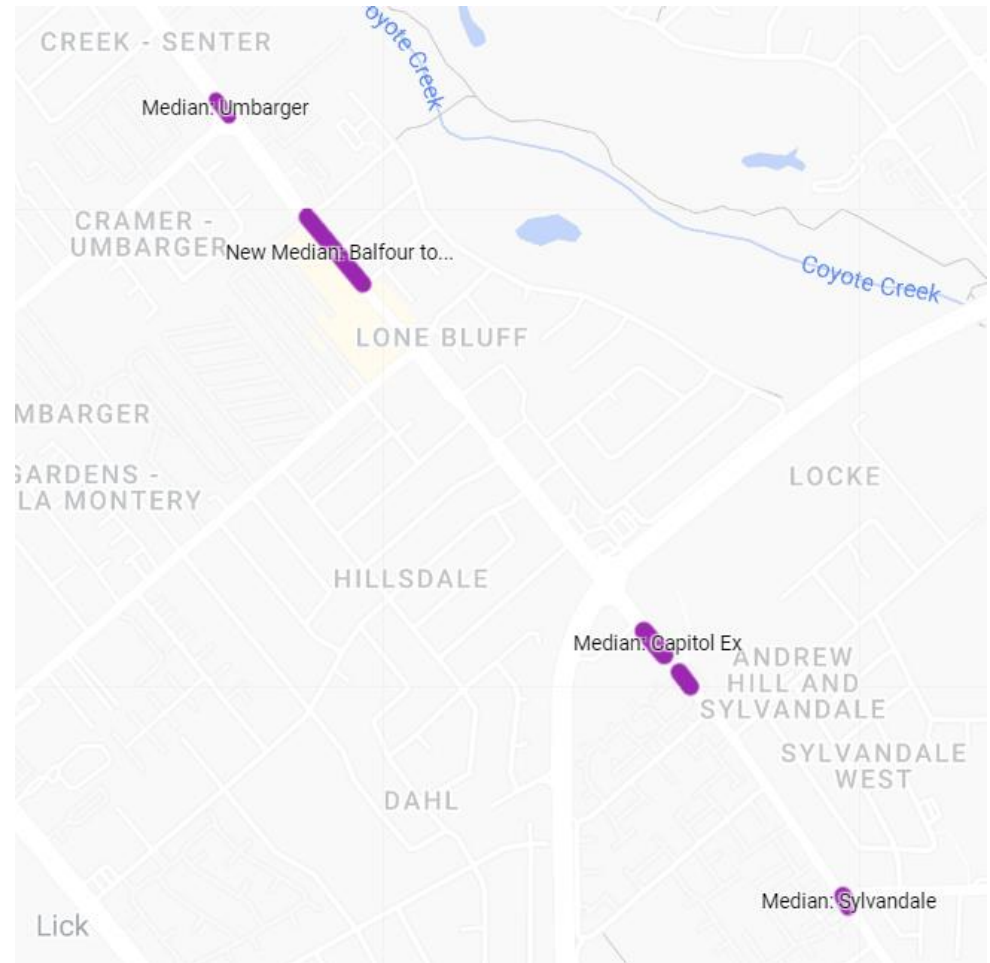
Median: Senter & Umbarger (BEFORE)



Median Extension & Additional Trees: Senter & Umbarger (AFTER)

4. Median Improvements

- ❖ Install ~800 feet of median island at various locations
- ❖ Includes planting and establishment of ~30 trees



5. Lighting Upgrades

❖ **Streetlighting:** Replace and upgrade existing streetlighting fixtures to improve brightness

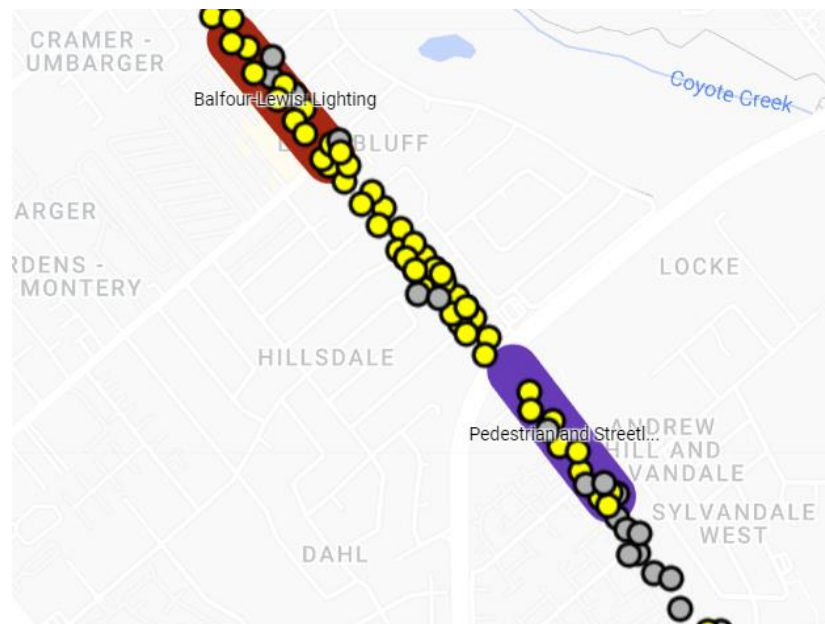


❖ **Pedestrian lighting:** Install ~60 new pedestrian scale lighting fixtures near pedestrian generators






5. Lighting Upgrades

- ❖ DOT staff analyzed dark segments of roadway & looked for pedestrian generators to prepare recommended locations for lighting upgrades

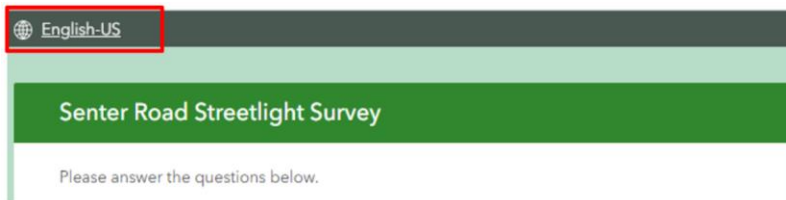


Legend

-  Pedestrian and Streetlighting
-  Pedestrian Lighting
-  LED Upgrades

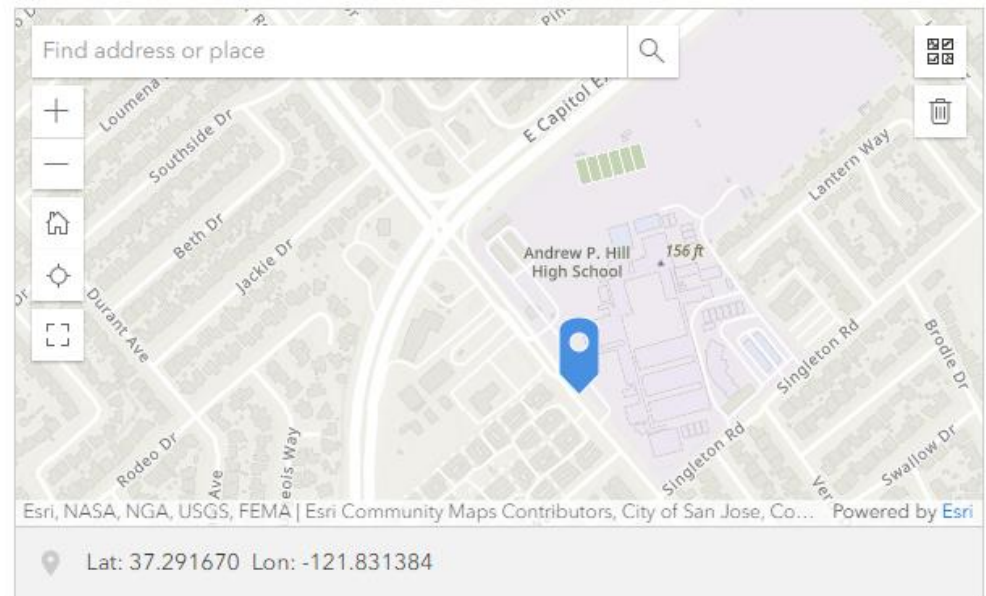
5. Lighting Upgrades

❖ [Online survey](#)



Select box in upper right corner to translate to Spanish or Vietnamese

Enter the location on Senter Rd (enter an address or click/press on the map to drop a pin)*



6. Concrete Separated Bike Lanes

❖ Provide separation between bicyclists and vehicles

Existing



Existing quick-build vertical delineators on Senter

Proposed



Example of concrete separated bike lanes

Corridor Continuity Proposal

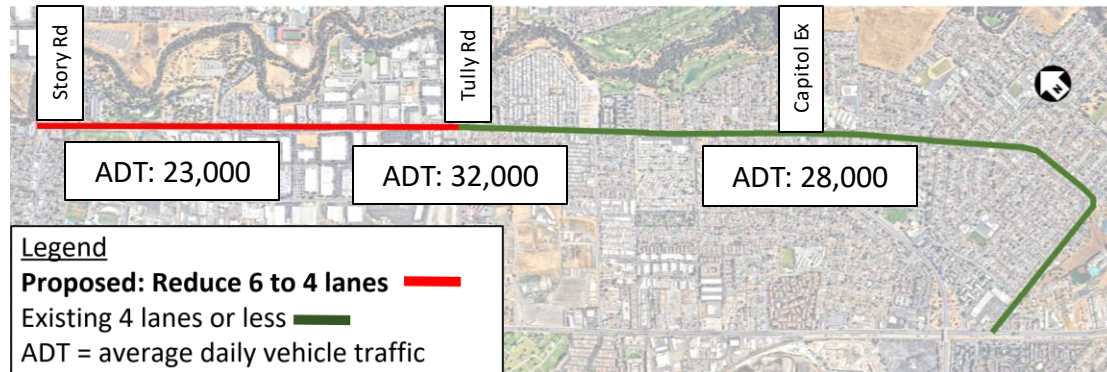
❖ **Completed:**
Various lane reallocations south of Tully to allow for protected bikeway

❖ **Proposal:**
Extend lane reallocation north of Tully to provide uniform corridor treatment



Previous roadway configuration

Existing buffered bike lanes



Proposed buffered bike lanes and vehicular volumes

Protected Bikeway Design

❖ In areas of high parking demand, exploring frontage lanes and parking protected bike lanes



Frontage lanes existing on 10th / 11th street

Parking Loss with Protected Bike Lanes		
Segments	Frontage Lane	Parking-Protected
Needles to Nordale <i>(Existing 21 spots)</i>	-2 spots	-10 spots
Baltic to Feldspar <i>(Existing 20 spots)</i>	-2 spots	-20 spots



Sample design of parking protected bike lane

7. Transit Improvements

- ❖ Upgrade bus stops with bus bulb-outs at 5 intersections (of 14)
- ❖ Improve bus shelters with benches and lighting
- ❖ Central Transit Signal Priority (CTSP) system for buses (Route 73)



Transit Boarding Island at 10th/Empire



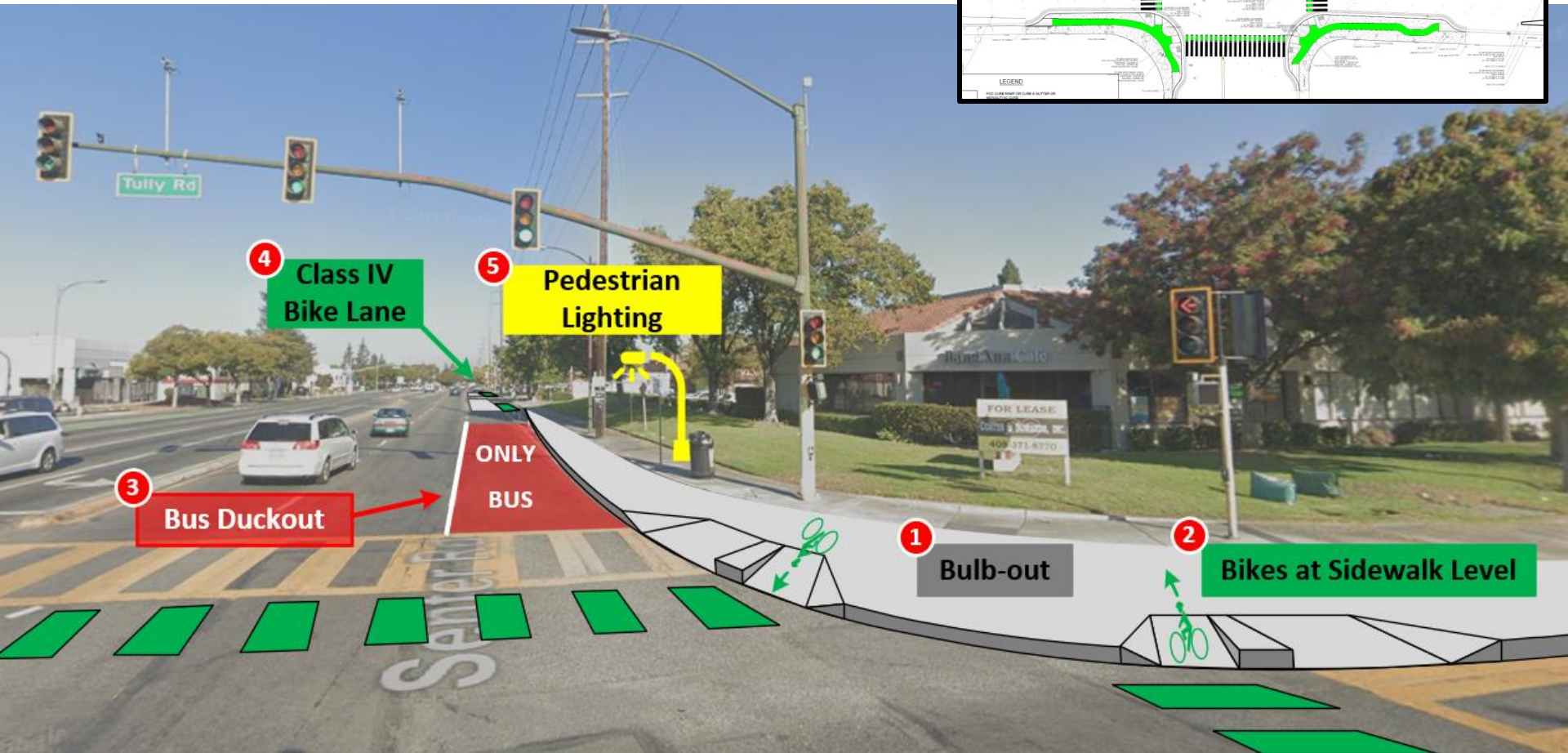
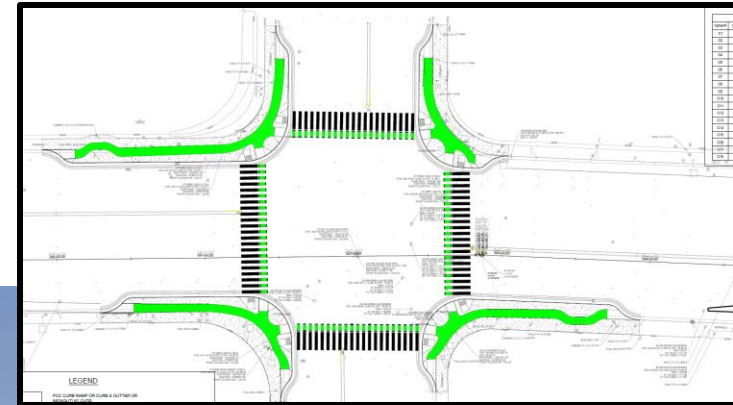
*Bus Bulb-out with integrated bike lane
Source: Trimet | Portland, OR*

7. Transit Improvements

- 5 locations chosen with VTA for bus stop improvements
 - Needles, Tully, Lewis, Singleton and San Gregario



Senter Rd & Tully Rd Concept



Project Schedule

Quick Build Complete
➤ Feb 2021

Council Accepted
➤ Oct 2023

Community Engagement
➤ May-Nov 2024

Construction Contract Award
➤ Early 2025

Project Complete
➤ Mid 2026



State Earmark Awarded
➤ June 2022

Design Start
➤ Jan 2024

Design Complete
➤ Dec 2024

Construction Start
➤ Late 2025

Summary - Safety Benefits for All

Improvement	Benefit	Impacts
1. Traffic Signal at Balfour	Simplify complex intersection. Control pedestrian crossing and vehicle left-turns	Removed left turn access to driveway
2. Flashing Beacons	Provide safer pedestrian crossings	
3. Speed Radar Signs	Reduce vehicle speeds	
4. Medians*	Slow vehicle speeds, reduce head-on collisions	Remove left turn access
5. Lighting Upgrades*	Improve nighttime lighting for pedestrians, vehicles, and bicyclists	
6. Concrete Separated Bike Lanes*	Provide physical separation between bicyclists and vehicles for safer, more comfortable riding experience. Upgrade plastic to concrete	Remove vehicle lane north of Tully. Loss of parking on two key blocks
7. Transit Upgrades	Support Transit First goals. Improve safety, comfort and efficiency for buses	



Next Steps Q&A

- Thank you for learning more about our project!
- Please **provide feedback by June 30th, 2024**
- Contact anna.le@sanjoseca.gov for questions on this project