

SVBC Network Prioritization Tool

Roadmap

Background

What is an NPT? Why use one?

Process

Collecting and analyzing the data.

Results

Surprises and not-so-surprises.

Future

How are we using this?



What is an NPT?

- Network Prioritization Tool
 - Decide what streets in your community would benefit from transportation improvements
- Various criteria:
 - Proximity to destinations
 - Network connectivity
 - Harm reduction/safety
 - High need areas



More Background

SVBC has already run the tool for San Mateo County; I ran the tool only for Cupertino, not all of Santa Clara County.

The intent was to gather data to help with future bicycle/pedestrian master plans by the bike/ped commission, and to get more concrete data backing up our intuitions and experiences with streets.

Running the tool!

1: Map roads

Easy! Cupertino has a road map available to download.

2. Map points of interest

More complex — more on this on the next slide.

3. Data processing

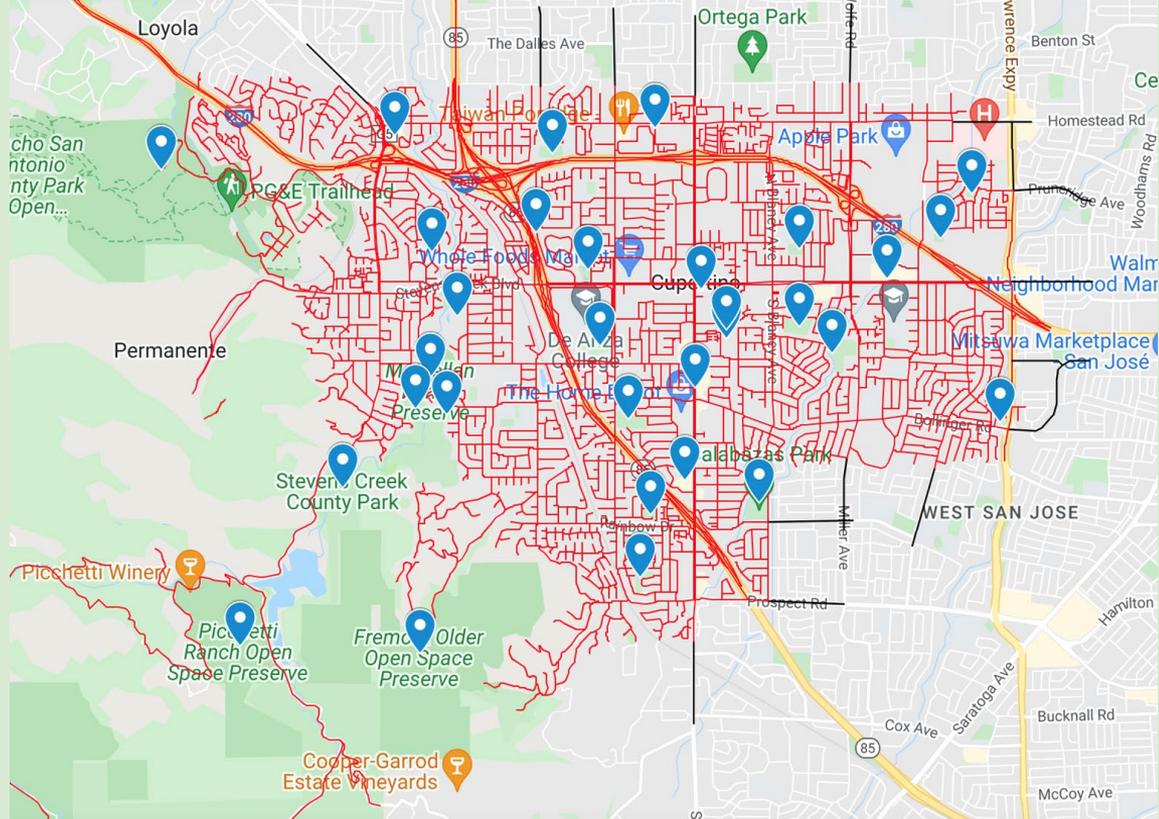
Most of this happened in QGIS (mapping software).

4. Data visualization

Also more on this later!

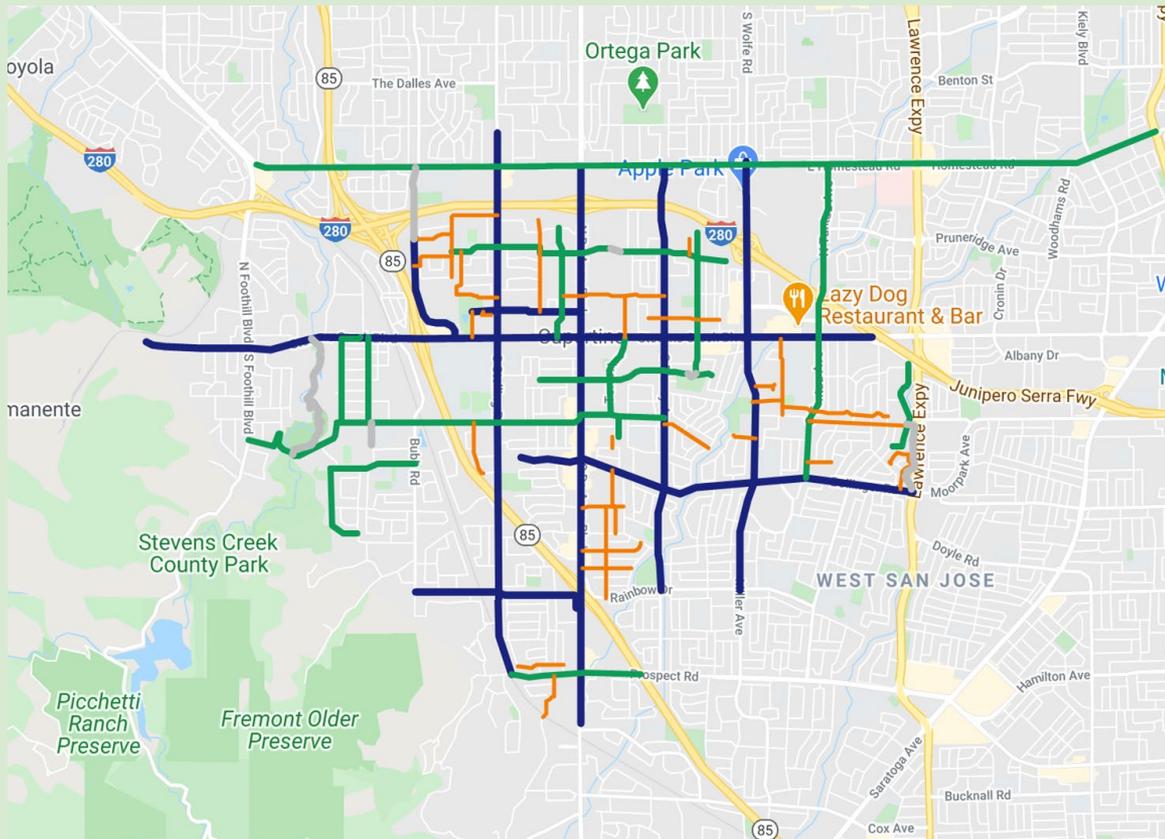
Identifying roads + landmarks

- Some premade by SVBC for the two-county area (SMC + SCC)
- Some online (roads)
- Landmarks/community hubs generated through discussion — where do people like to go? Where do they have to go?



The final map. Blue pins = community landmarks.

Results



Key

- first-tier priority
- second-tier priority
- third-tier priority
- existing bike path

**5 minute break to look over
the map :)**

<https://tinyurl.com/NPTcupertino>

Results, contd.

- First-tier roads tend to be obvious: big, busy, dangerous for cyclists
 - E.g. De Anza Boulevard, Bollinger Rd.
- Second- and third-tier roads are more interesting/unexpected
 - Often due to school/job proximity



So... what next?

- Future unclear!
- There is a write-up of the results/implications in progress, although I'm not sure how quickly it's advancing
- It seems unlikely that the info will be incorporated into the bike/ped master plan(s) by the Commission

Ultimately, whatever we focus on next, we'll have the data to back it up.

Questions?

Thank you!