



Granite Street 30% Design

Homeowner's Association Meeting

June 14, 2023

Town of Frisco Team

- Emily Weber, Project Manager
- Jeff Goble, Public Works Director
- Katie Kent, Community Development Director,
- Sally Ward, Planner
- Vanessa Agee, Communications Director

Project Consultants

- Janine White, Engineering Manager
- Harriette Shakeri, Engineer
- Sarah Grossi, Planner

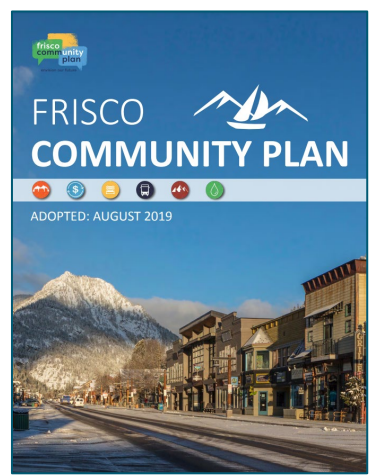
- 1 Project Background**
 - Frisco Downtown Complete Streets Plan Refresher
 - Stop Optimization Refresher
 - Why is this project happening on Granite Street?
- 2 Preliminary Design**
 - What is Included in the Design
- 3 Next Steps**
 - Timeline and Staying Up to Date
- 4 Group Exercise**
 - Provide Your Feedback

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Project Background

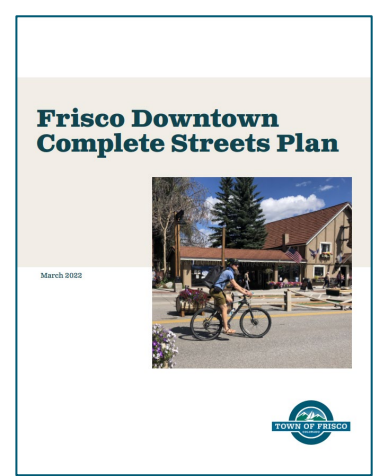
2019

Community Plan:
Set forth an overarching policy for the Town to grow and evolve in the coming decades.



2022

Downtown Complete Streets Plan:
Identified how Frisco's streets can be designed to be more inviting, active, and supportive of the Town's economic and social life.

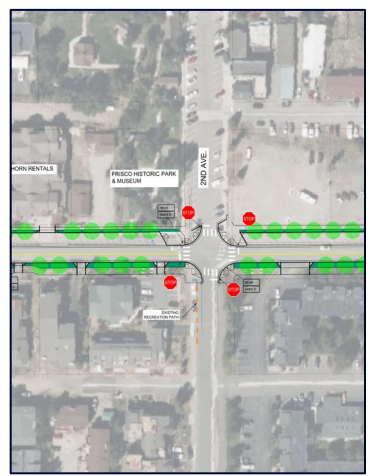


2023

Stop Optimization Study:
Evaluation of the existing stop-control sequence on Granite St and its impact on safety and operation on the corridor.



Granite Street 30% Design:
Preliminary complete street design and plan for Granite Street is being developed.



- Recommended in the Community Plan
- ▲ Recommended in the Downtown Complete Streets Plan

A “**30% Design**” is a proposed design that will help the Town determine the **cost and feasibility** of construction.

The determined cost of the proposed design will **help the Town to identify funding** to move project through to 100% design + construction

The earliest construction is anticipated to occur is **2026**

A design charrette was held in 2021 where residents had the opportunity to comment on what they see as the biggest areas of concern on Granite Street. Top responses included...



Vehicle speeds



Cut-through traffic



Inconsistent patterns of stop signs



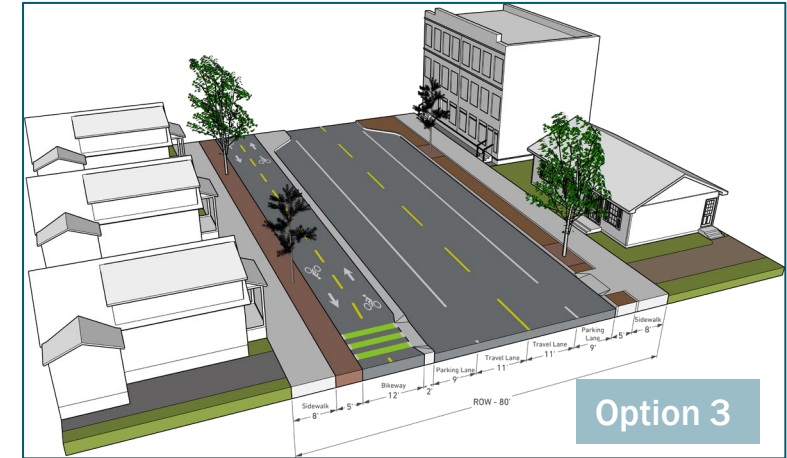
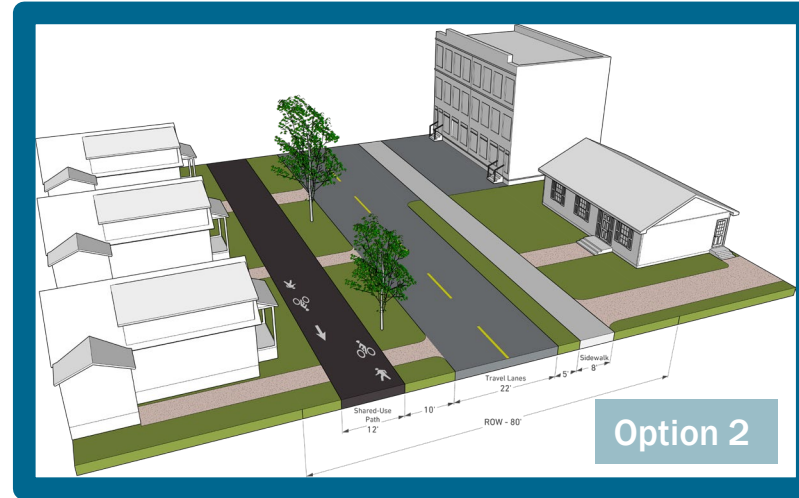
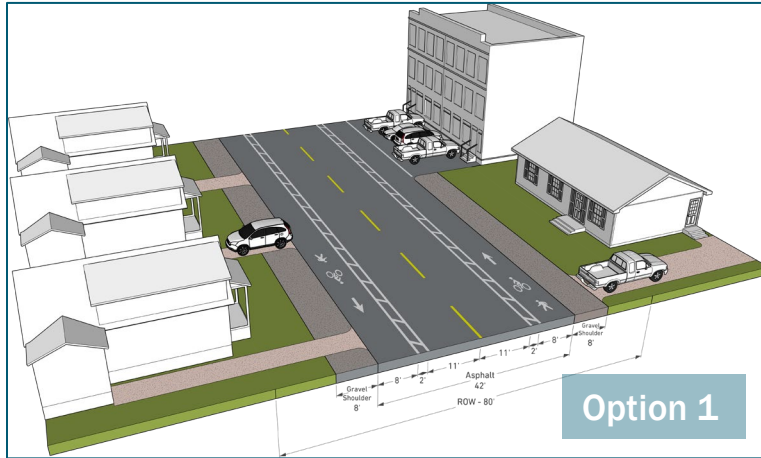
Sight lines at Intersections



Lack of bicycle/pedestrian infrastructure and traffic calming features



The Concept Ideas Survey presented three preliminary options for what Granite Street could look like in the future...



Comments revealed important details about what residents would like to see happen on Granite Street. Top feedback included:

Granite Street needs a designated bike lane and walking path.

The bike and pedestrian path on Granite Street needs physical separation to be safe for families. People avoid walking and riding on Granite for this reason.

Consistent crossings are desired.

Sidewalks should be extended along the entire stretch of Granite Street.

More consistent stop signs along Granite would improve safety (Incorporating 4-way stop signs on 3rd, 4th, & 5th was most important).

To determine how Granite Street can deliver a **safer and more comfortable multimodal user experience** while continuing to move traffic efficiently and provide an **intuitive stop sign pattern for motorists**, stop sign analysis was performed on two-way stop control intersections along Granite Street.

The study used existing data and traffic modeling software to evaluate intersections and their existing stop signs at the following locations

Granite St/Madison Ave on Madison Ave northbound

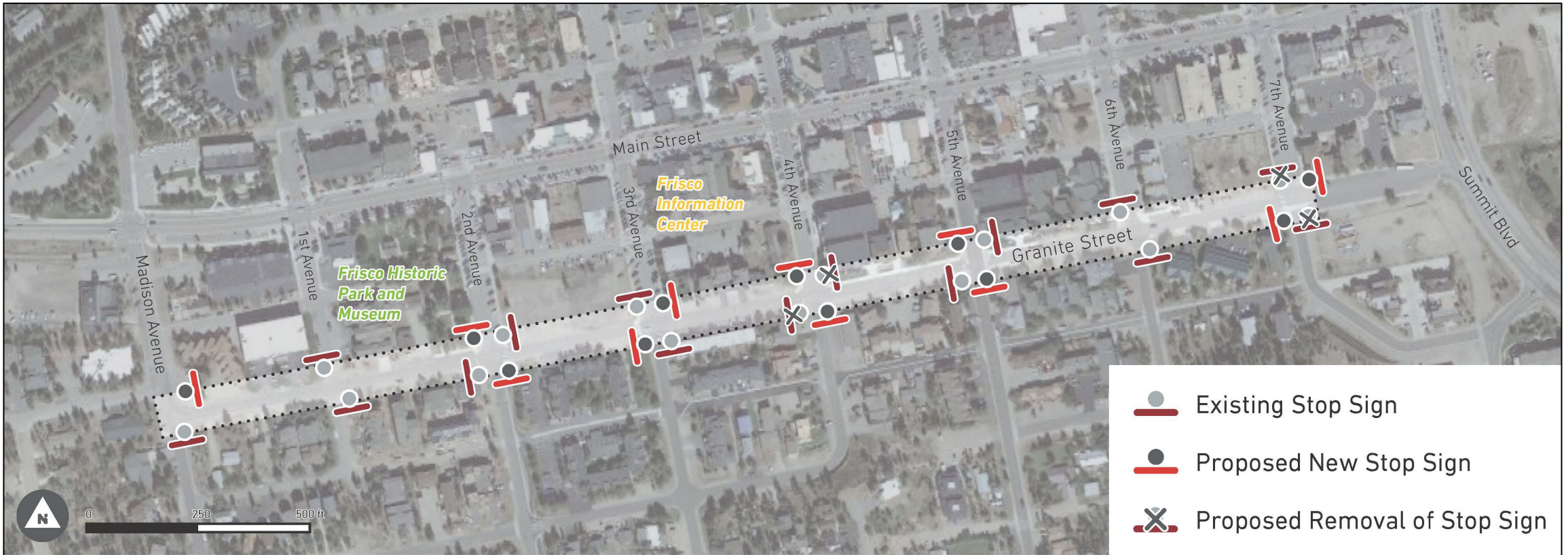
Granite St/2nd Ave on Granite St

Granite St/3rd Ave on 3rd Ave

Granite St/4th Ave on Granite St

Granite St/5th Ave on Granite St

Granite St/7th Ave on 7th Ave



Findings informed a proposed signing and striping plan...

- 1 All-way stop control at 2nd, 3rd, 4th, and 5th Ave
- 2 Stop sign with flashing LEDs at Madison Ave
- 3 Additional striping recommendations at Madison Ave and 2nd Ave

After speaking with the Frisco community during the Downtown Complete Streets Plan, many challenges with travelling along Granite Street were identified, which resulted in Granite Street becoming a top priority corridor for improvements in Downtown Frisco.



Street edge feels **unorganized**.



25' of undefined asphalt encourages speeding and **does not provide safe and comfortable space** for walking or bicycling.



Crossings are **challenging**.

This project aims to move Granite Street towards becoming a more “**Complete Street**”

What that means is...

Implementing improvements that create safe, comfortable, and inviting conditions for **all road users**, including pedestrians, bicyclists, and motorists of all ages and abilities.

Developing a **process** and **approach** to street design that is unique to the context of Frisco and Granite Street (there is no singular design prescription for Complete Streets).

Designing Granite Street to **meet the needs of the most vulnerable road users**, which will in turn make the corridor safer for all.

This project aims to move Granite Street towards becoming a more “**Complete Street**”

What it does not mean...

Accommodating through-traffic or re-routing traffic to Granite Street.

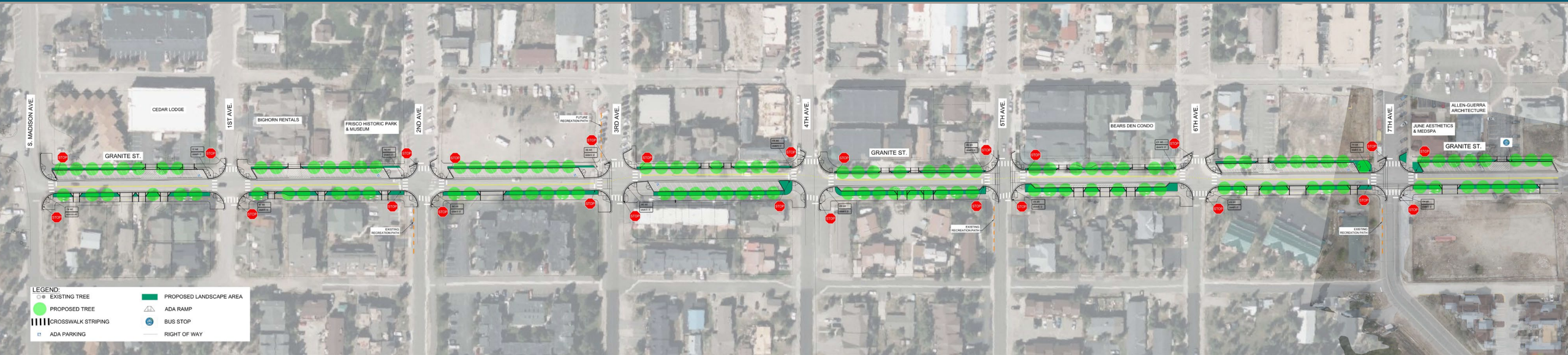
Changing the character of Granite Street.

Making it more difficult to drive and park.

Making Granite Street busier and therefore more challenging to navigate.

2

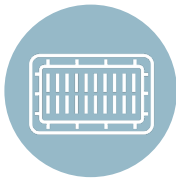
Preliminary Design



Top Considerations When Developing the Design for Granite Street:



**Parking and
Driveways**



Drainage



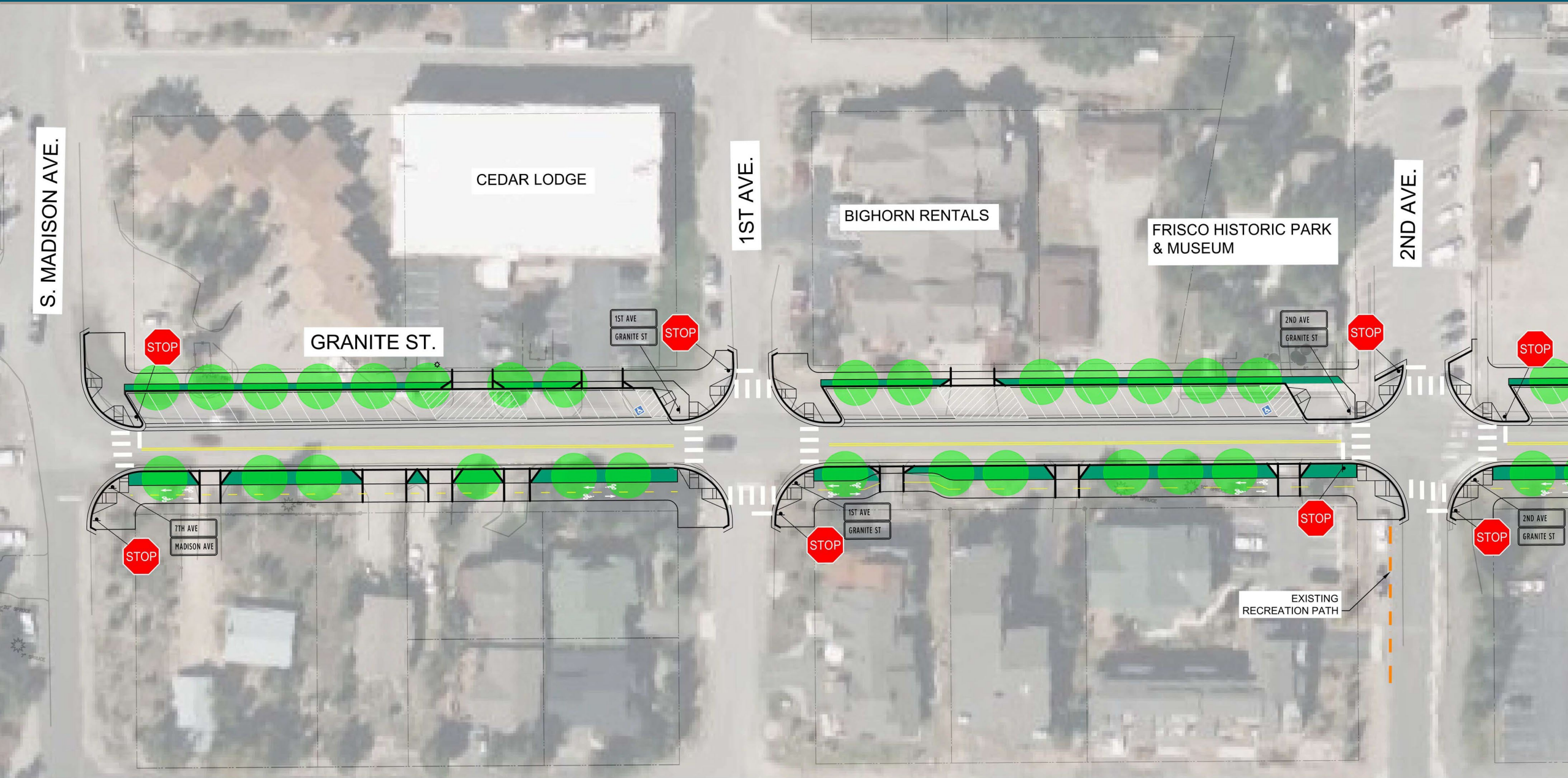
**Stop Sign
Placement**

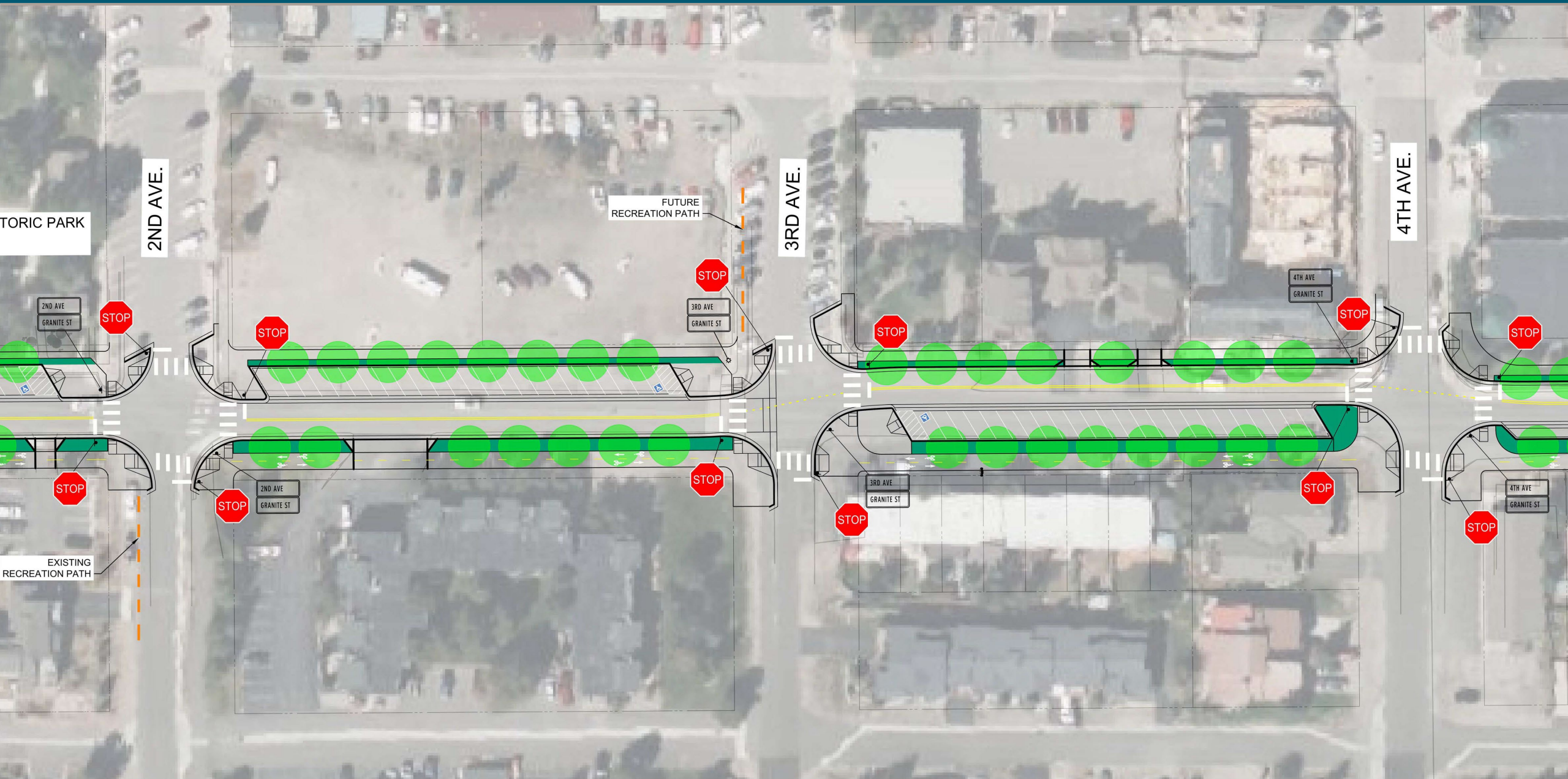


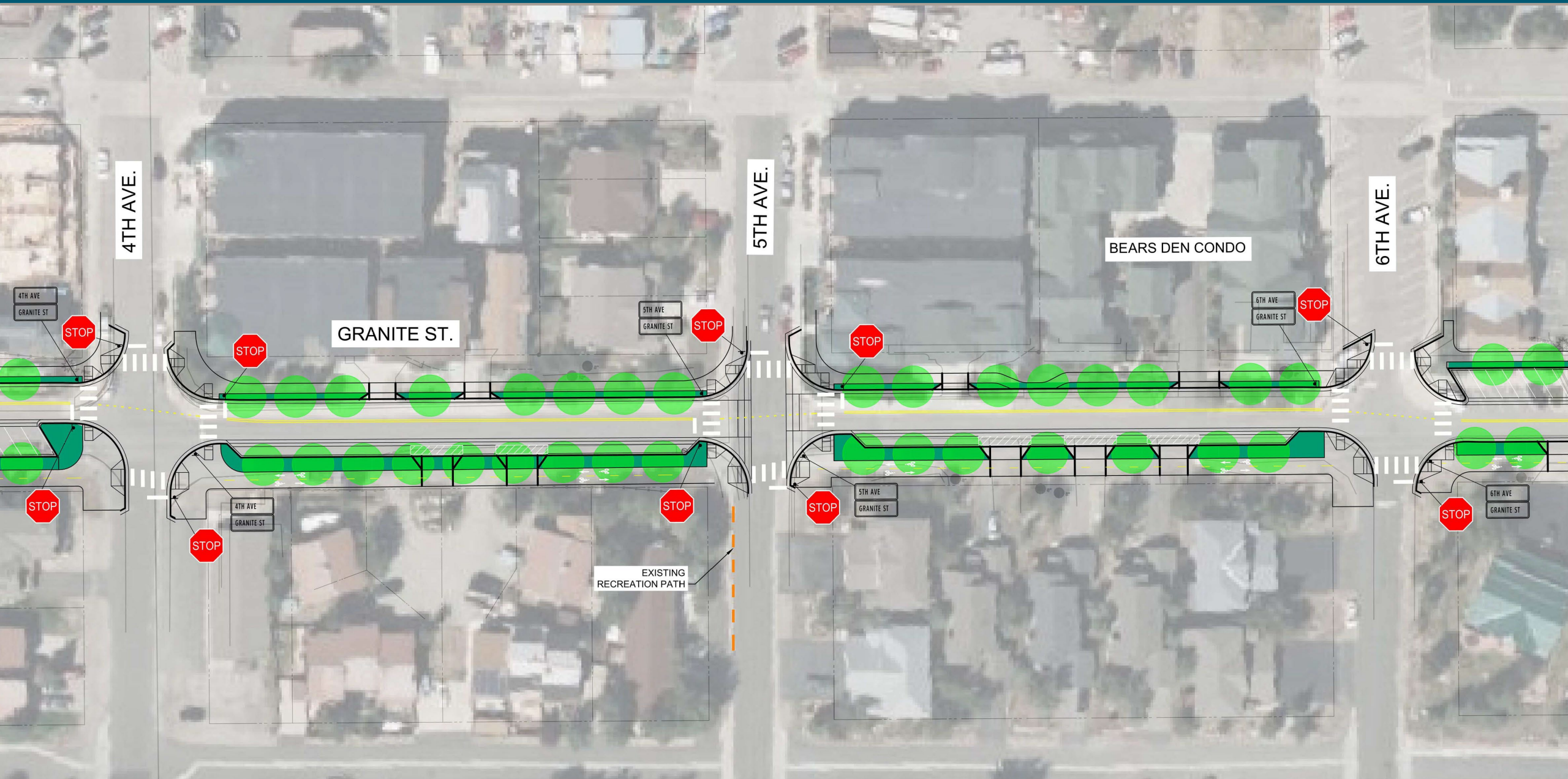
**Emergency
Access**

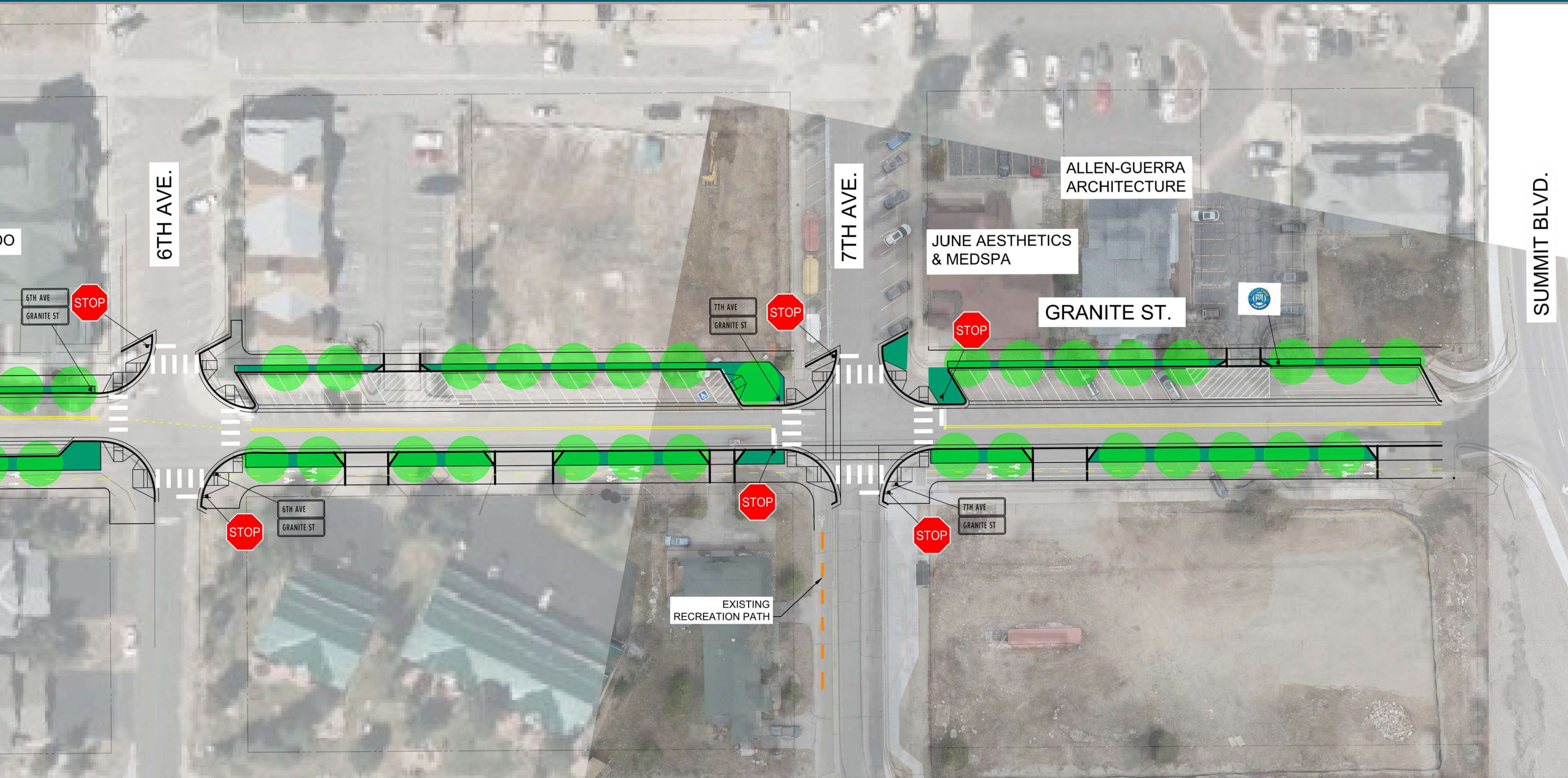


**Traffic Calming
and Safety**











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Next Steps



Stay Up to Date

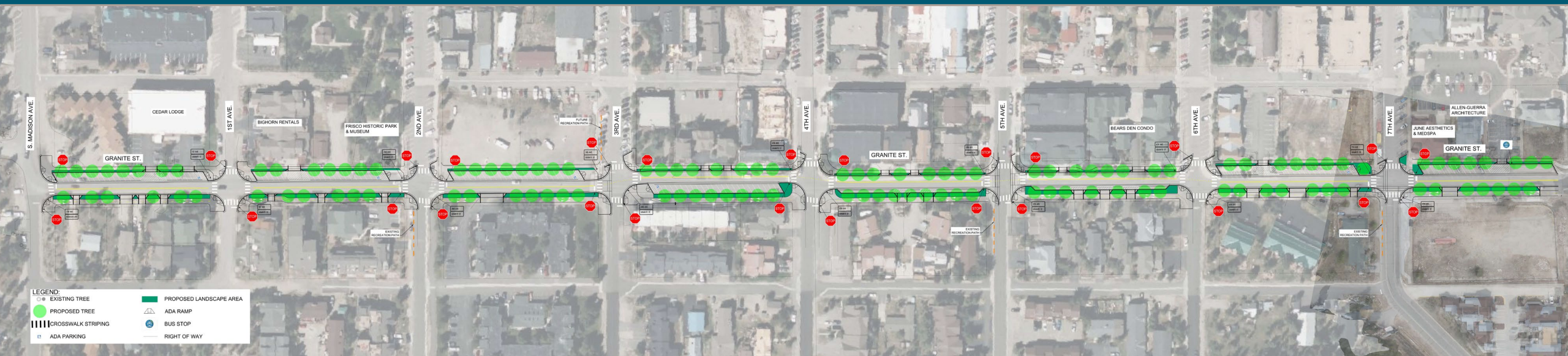
1. Visit the project webpage

<https://www.frisco.gov/your-government/frisco-community-plan/downtown-complete-streets-plan/>

2. Subscribe to the Frisco e-newsletter

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Group Exercise



We want to know...

What is working/what do you like about the design?

What do you dislike about the design and wish to see changed?

What is missing and you would like to see incorporated into the design?

What needs to be added to make this design feel safer to you as a road user (driver, pedestrian, bicyclist, etc.)?