



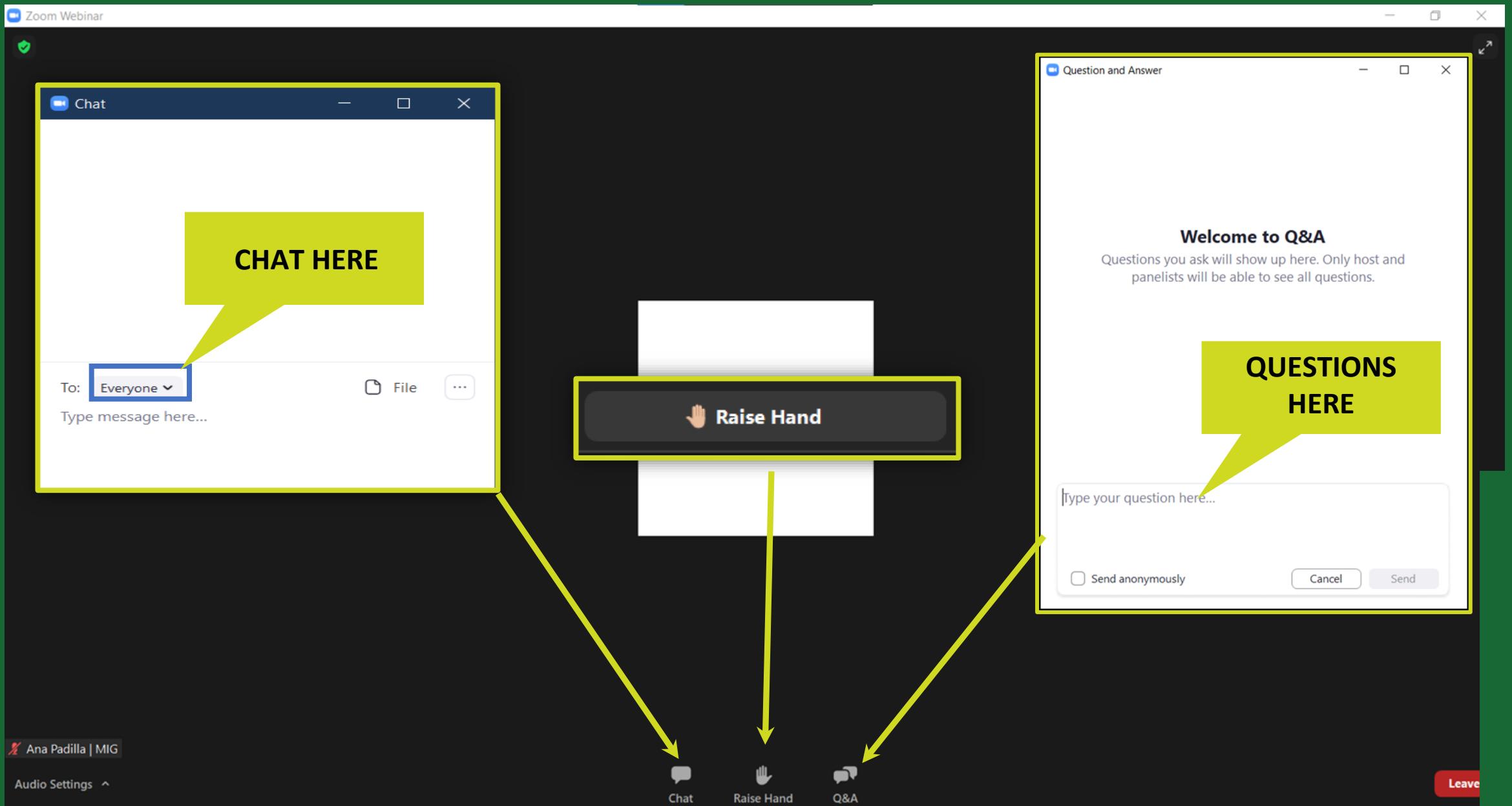
Highway 17 Bicycle & Pedestrian Overcrossing Project

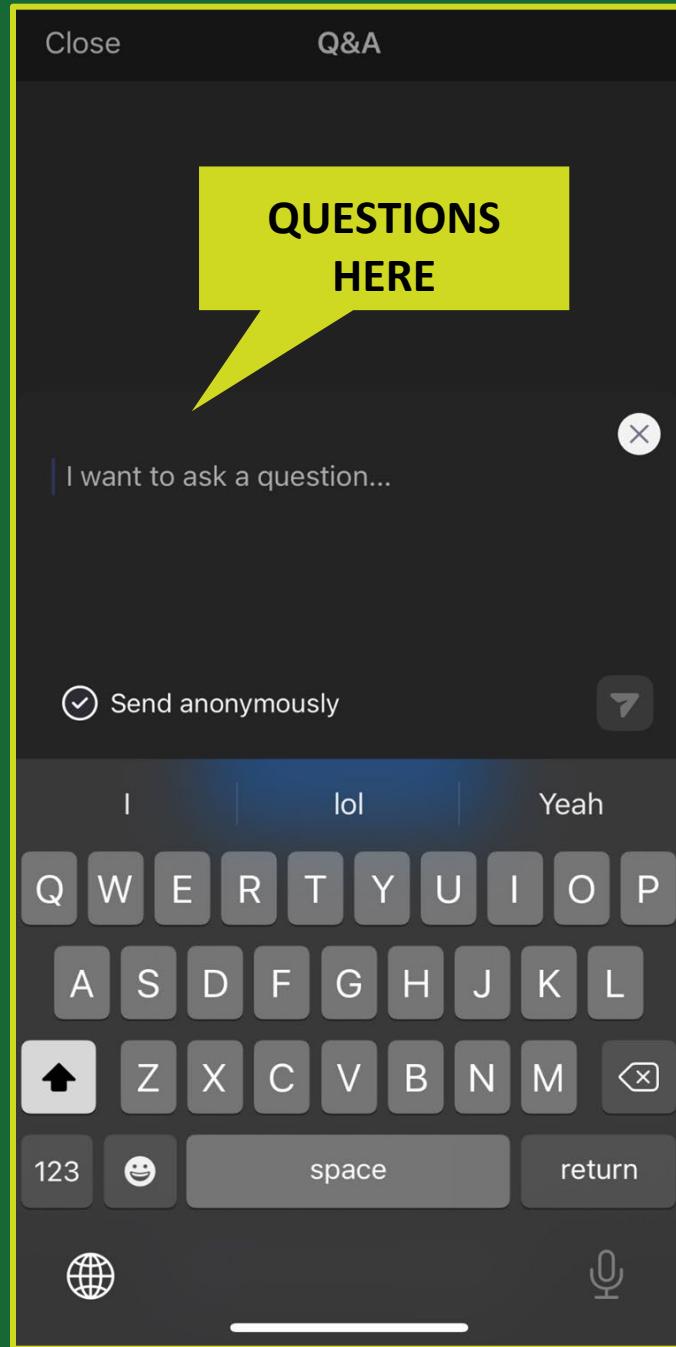
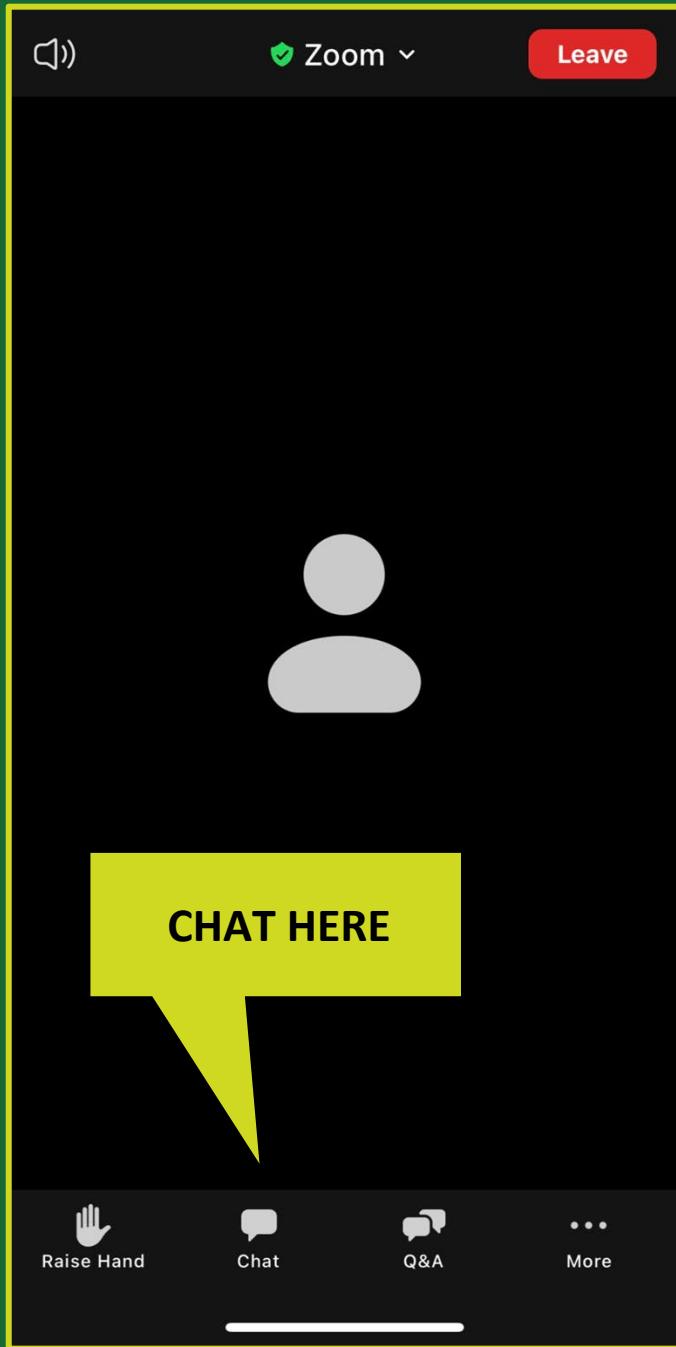
# Online Meeting

# Workshop #2

June 29, 2022







# Welcome!

## Town Staff

Timm Borden - Interim Parks & Public Works Director

Michelle Quinney - Project Manager

WooJae Kim - Town Engineer

Janice Chin - Assistant Engineer

Ying Smith - Transportation & Mobility Manager

Alex Bailey - Transportation Planning Intern

## BKF Design Team

Jaggi Bhandal - Civil Engineer – BKF

Jorge Morales - Project Engineer – BKF

Noe Noyola - Outreach Coordinator – MIG

Ana Padilla – Outreach Associate – MIG

Rick Phillips - Bridge Architect – BCA

Carlos Vasquez - Bridge Engineer – BCA



# Agenda

## 1 Welcome

## 2 Project Overview

## 3 Site Context

## 4 Project Updates

## 5 Bridge Type and Feedback Discussion

## 6 Next Steps



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# Project Overview

# Purpose and Need

- Improve Bicycle and Pedestrian Mobility across Highway 17 in the vicinity of the Blossom Hill Road Bridge
- Improve Safety for all Modes of Travel
- Provide a Safe Route to School
- Promote Active Transportation
- Reduce Traffic Congestion and Greenhouse Gas Emissions by Reducing Vehicular Traffic Demand



# Existing Site

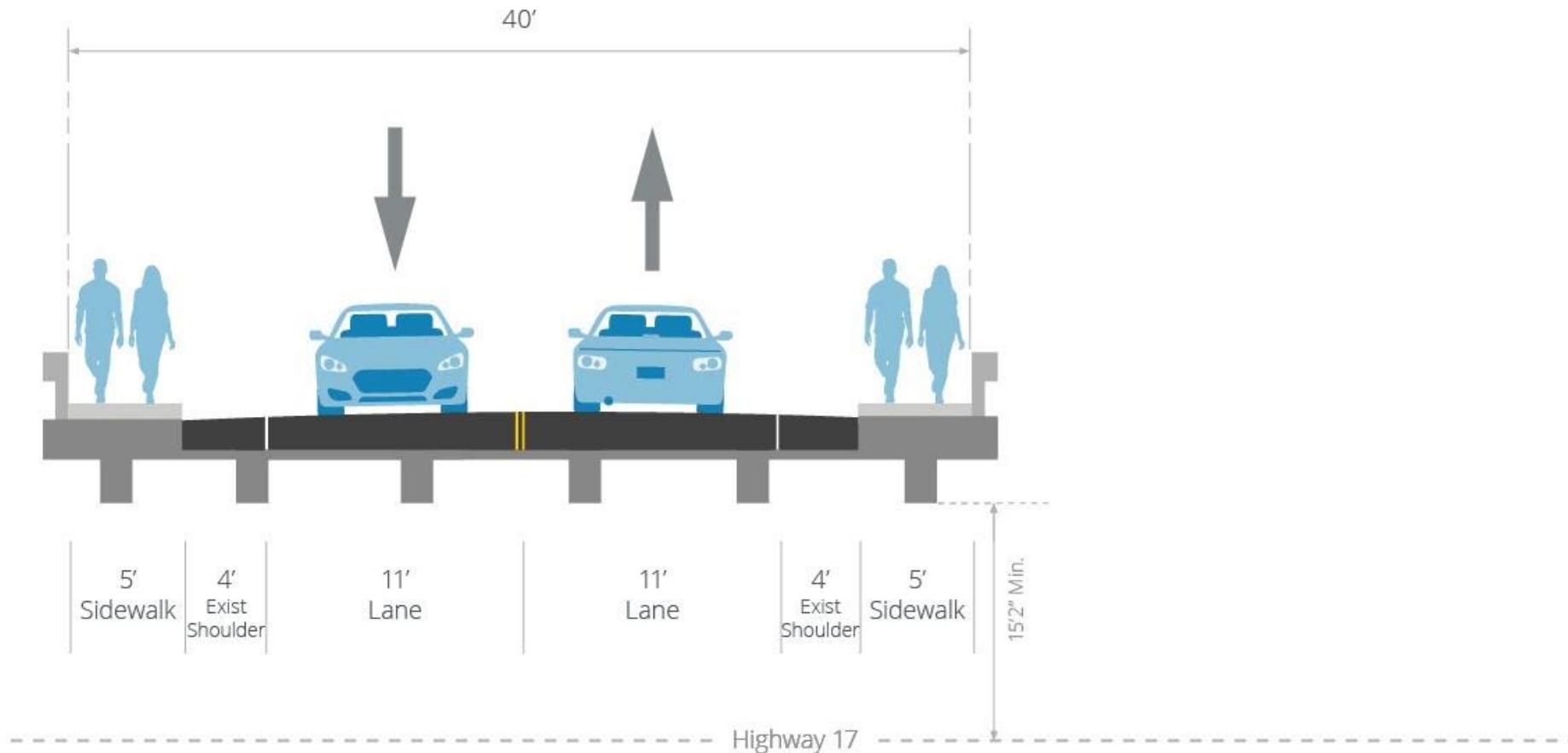


# Overview of Selected Alignment



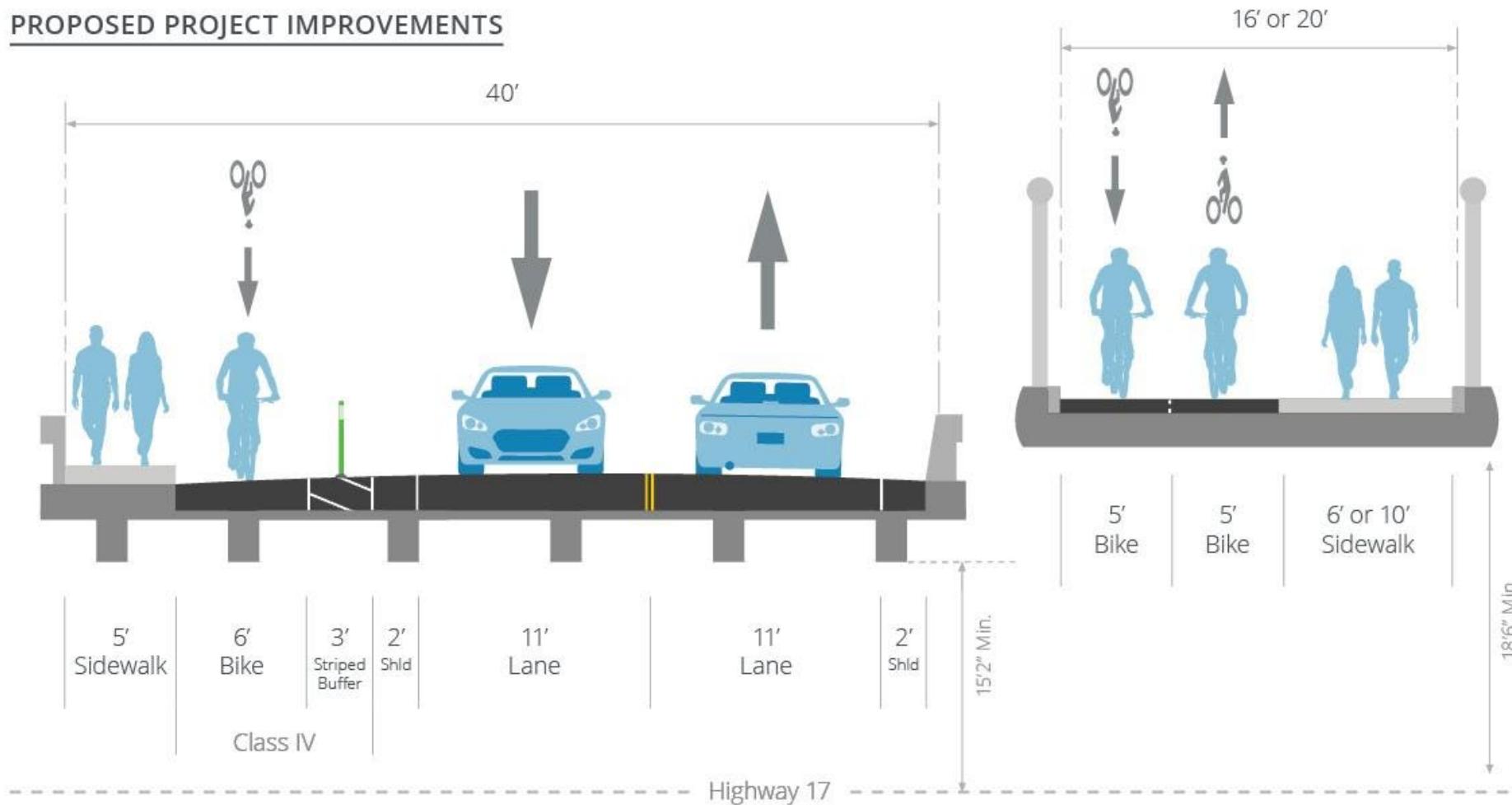
# Section Views

## EXISTING BLOSSOM HILL ROAD OVERCROSSING



# Section Views

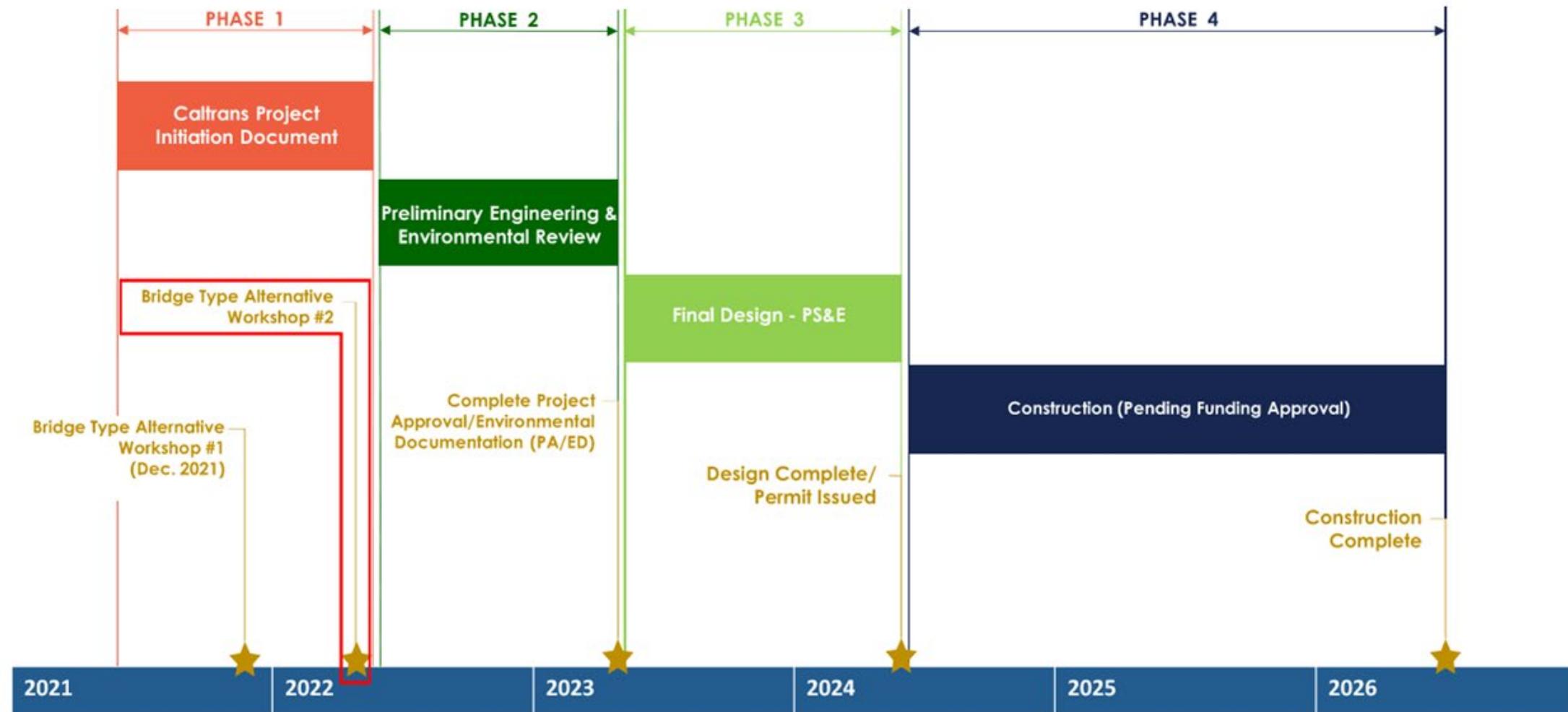
## PROPOSED PROJECT IMPROVEMENTS



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# Project Development Process Schedule

★ Planned Project Milestones



## Project Update - Funding

- Measure B Funding Secured to Advance Project Development Process
  - Awarded \$2.75 million from VTA Measure B Program
  - \$1.1 Million from Town of Los Gatos (Cumulative from Project Start)
- Town Actively Seeking Funding Opportunities for Construction
  - OBAG 3 - Call for Projects in July 2022

# Project Update - Construction Cost Increases

- **Structural Steel Increases** - Substantial Increase to Steel Prices from 2020 to 2022 due to Supply Chain Issues and Inflation
- **Construction Cost Increases** - In 2021, California Construction Cost Index (CCCI) increased 13.4%. In 2022, CCCI increased over 10% as of May 2022.
- **Structural Steel Source Inspection and Local Agency Construction Management**

# Project Update – Dynamic Construction Cost

<b>Bike and Pedestrian Overcrossing - Bridge Types</b>	<b>Percent Increase</b>
<b>Concrete Box Girder</b>	18%
<b>Steel Truss</b>	50%
<b>Steel Arch</b>	56%

# Project Update - Community Engagement

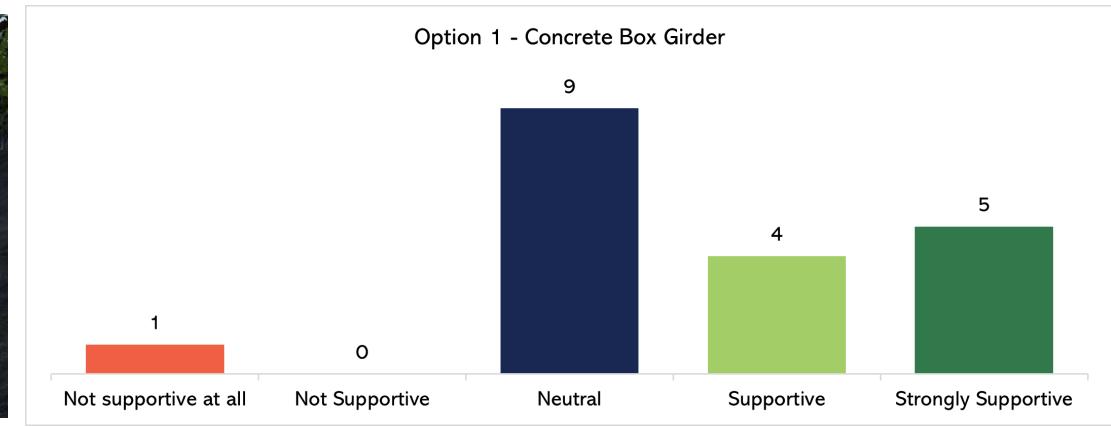
- Community Workshop #1 – Winter 2021
- Monthly Updates at Complete Streets and Transportation Commission Meetings
- Los Gatos Union School District (LGUSD)
- Pop-Up Outreach Events - Spring 2022
  - Farmer's Market
  - Los Gatos Creek Trail
  - Spring into Green
- Installation of Signs at Project Site - 6/24/2022

# Workshop 1 Polling Results

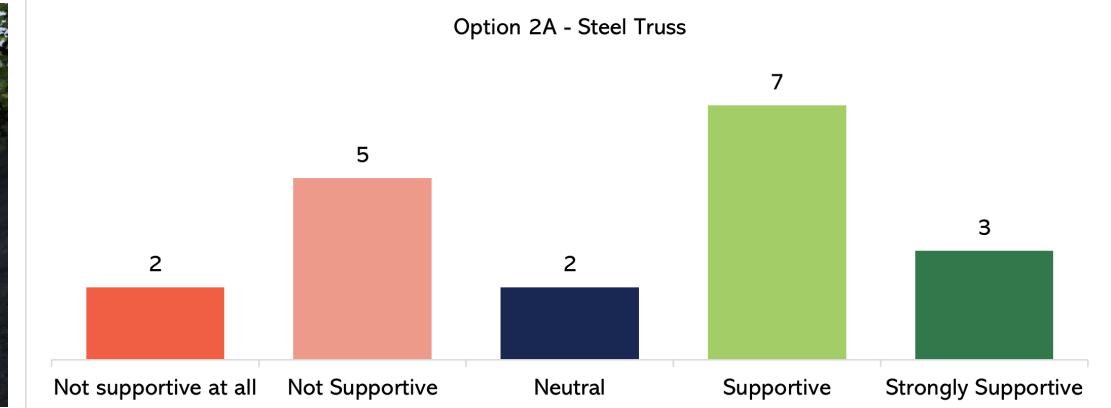
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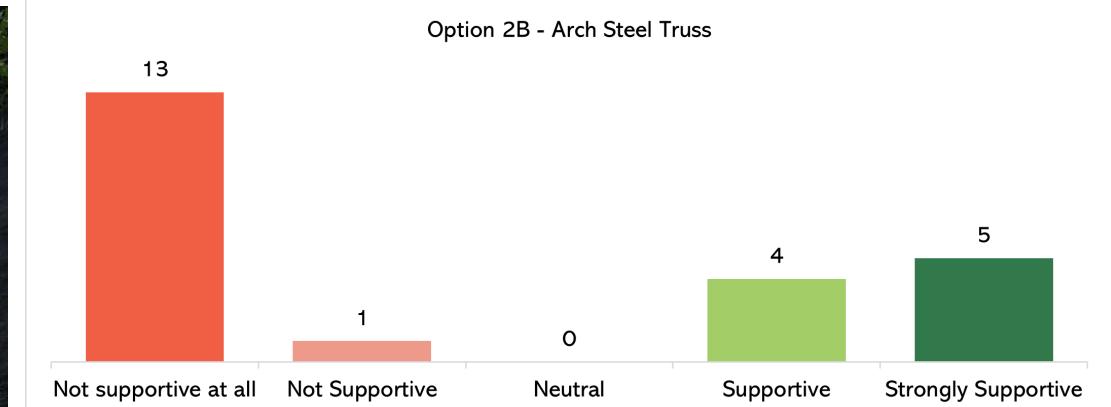
**Option 1: Concrete Box Girder**



**Option 2A: Steel Flat Truss**



**Option 2B: Steel Arch Truss**



# Pop-up Outreach



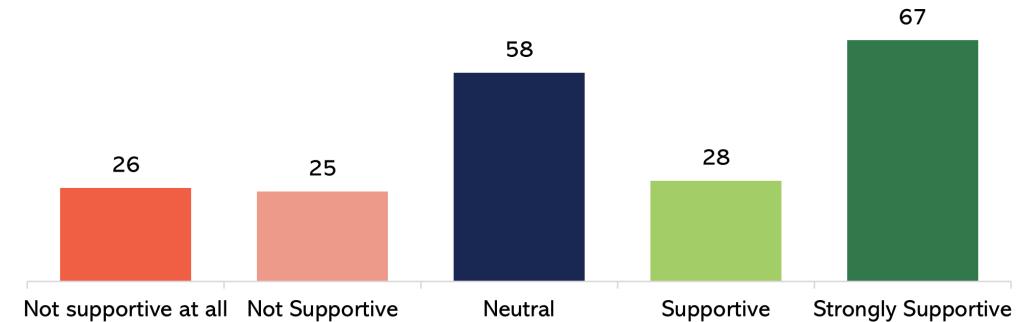
# Pop-up Polling Results

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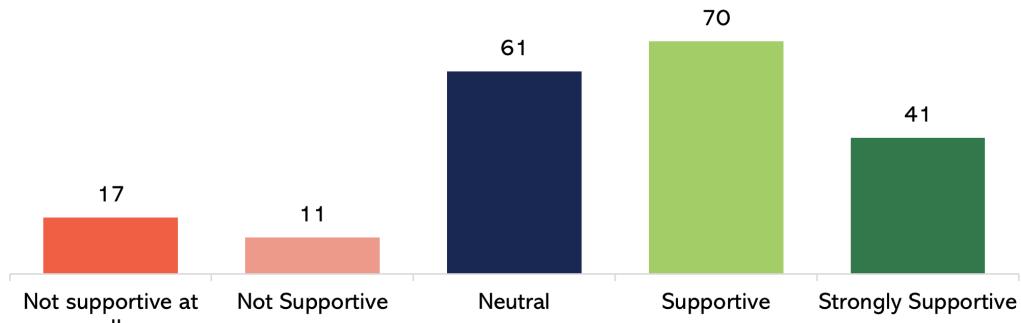
**Option 1: Concrete Box Girder**

Option 1 - Concrete Box Girder



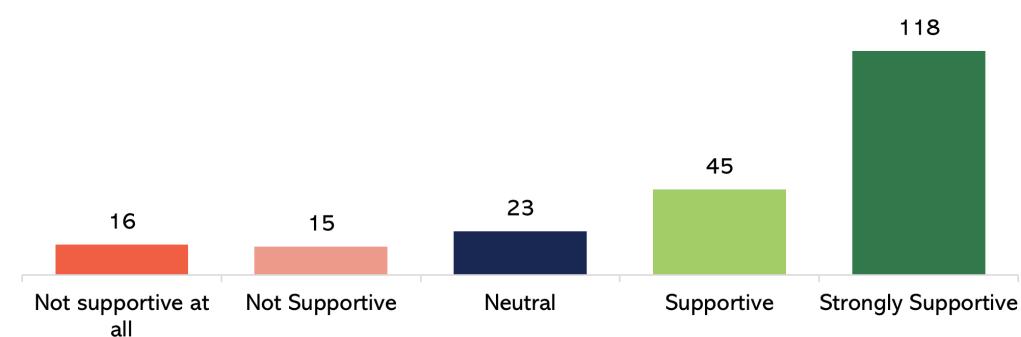
**Option 2A: Steel Flat Truss**

Option 2A - Steel Truss



**Option 2B: Steel Arch Truss**

Option 2B - Arch Steel Truss



# Questions / Comments

# Bridge Types

Feedback Session

# Option 1 - Concrete Box Girder



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## Option 2A - Steel Flat Truss



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## Option 2B - Steel Arch Truss



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# Option 1 Concrete Box Girder

# Option 1 - Concrete Box Girder



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# Option 1 - Concrete Box Girder



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# Option 1 - Concrete Box Girder

## Advantages

- Lowest construction cost
- Standard Caltrans structural design

## Considerations

- Central pier in freeway median, in addition to abutments
- Structural depth below deck raises profile, impacting trail gradients
- Utilitarian visual character



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# Questions / Comments

# Option 2A Steel Flat Truss

## Option 2A - Steel Flat Truss



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## Option 2A - Steel Flat Truss



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# Option 2A - Steel Flat Truss

## Advantages

- Clear-spans SR-17 with no central pier
- Truss can be placed during brief freeway closure
- Lower than steel arch truss, may be seen as having less visual impact

## Considerations

- Visual character more utilitarian than steel arch truss



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# Questions / Comments

# Option 2B Steel Arch Truss

## Option 2B - Steel Arch Truss



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## Option 2B - Steel Arch Truss



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# Option 2B - Steel Arch Truss

## Advantages

- Clear-spans SR-17 with no central pier
- Truss can be placed during brief freeway closure
- Arch shape creates architectural distinction

## Considerations

- Height may be seen as having negative visual impact
- Option is likely most costly



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# Questions / Comments

# Bridge Type Polling

# Polling Instructions

Click on the link on the Chat

## Poll Question #1

What are your favorite pizza toppings?

- Veggie
- Cheese
- Pepperoni
- Hawaiian
- Other

## Poll Question #2

Which of the following groups do you represent within the Town? (select all that apply)

- Resident
- Business Owner/Employee
- School Employee/Parent/Student
- Commuter
- Recreational User
- Other

## Poll Question #3

How often do you use the existing Blossom Hill Road bridge in any capacity?

- Daily
- Weekly
- Monthly
- Rarely or Never

## Poll Question #4

How do you typically travel across the existing Blossom Hill Road bridge? (select all that apply)

- Walking/Running
- Biking
- Driving
- Wheelchair/ Scooter
- Other

# Bridge Type Options

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## Live Poll - Concrete Box Girder



To what extent do you prefer the new bicycle and pedestrian bridge over Highway 17 in Los Gatos to be a **Concrete Box Girder** type of bridge?

- Not supportive at all
- Not supportive
- Neutral
- Supportive
- Strongly Supportive

# Live Poll - Steel Flat Truss



To what extent do you prefer the new bicycle and pedestrian bridge over Highway 17 in Los Gatos to be a **Steel Flat Truss** type of bridge?

- Not supportive at all
- Not supportive
- Neutral
- Supportive
- Strongly Supportive

## Live Poll - Steel Arch Truss



To what extent do you prefer the new bicycle and pedestrian bridge over Highway 17 in Los Gatos to be a **Steel Arch Truss** type of bridge?

- Not supportive at all
- Not supportive
- Neutral
- Supportive
- Strongly Supportive

# Live Poll – Which bridge do you favor?



Option 1: Concrete Box Girder



Option 2A: Steel Flat Truss



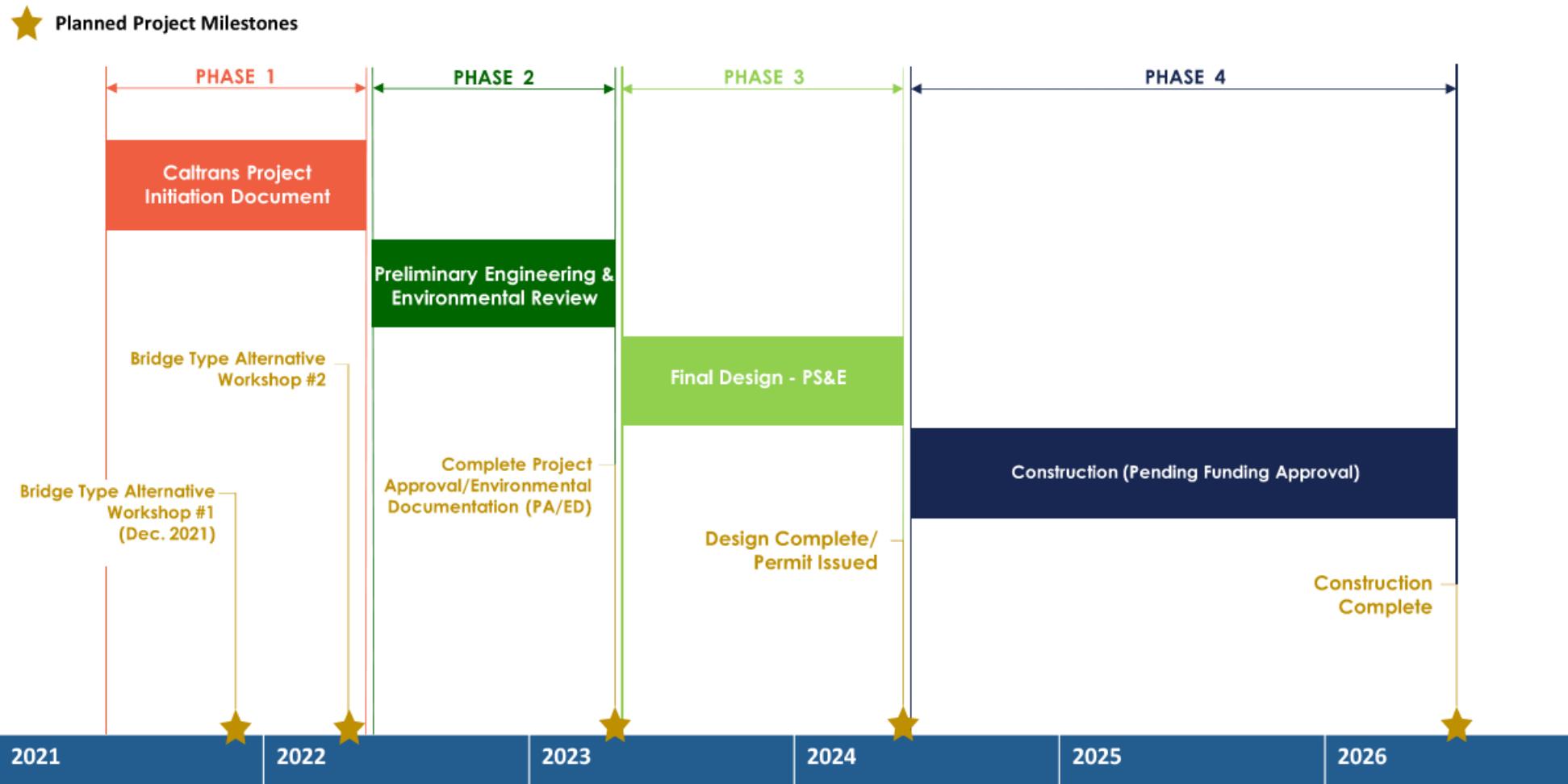
Option 2B: Steel Arch Truss

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# Questions / Comments

# Next Steps

# Project Development Process Schedule



# Next Steps

- Complete Streets and Transportation Commission and Town Council to Consider Final Bridge Type (Sept/Oct 2022)
- Phase 2 – Develop Preliminary Engineering Design and Environmental Documentation (Now to Summer/Fall 2023)
- Future Community Workshops to Consider Architectural Details (TBD)
  - Color/Textures/Materials
  - Lighting/Amenities
  - Wayfinding/Educational Signage



# Contact Us

- For additional information, please scan the QR Code below or visit:

[www.LosGatosCA.gov/Hwy17BPOC](http://www.LosGatosCA.gov/Hwy17BPOC)

- Subscribe to 'Notify Me' Service (located on left-hand side of page)

- Send Follow-up Questions to Michelle Quinney via email:  
[mquinney@losgatosca.gov](mailto:mquinney@losgatosca.gov)



The screenshot shows the official website of the Town of Los Gatos, California. The top navigation bar includes links for Government, Living in Los Gatos, Doing Business, Visiting Los Gatos, and How Do I? The main content area features a banner for the 'Highway 17 Bicycle & Pedestrian Overcrossing' project. The banner includes the text 'connect walk SCOOT gather JOG SKATE' and 'skip LOS GATOS play stay'. Below the banner, a section titled 'Project Update 6-16-22' provides information about the project's progress and upcoming events. A large graphic on the right side of the page shows a map of the project area and details about three bridge options: Option 1: Concrete Box Girder Span, Option 2A: Steel Plat Truss, and Option 2B: Steel Arch Truss. The bottom of the page includes logos for the project partners: BKF, BCI, and MIG.