Bike Highways
San Mateo County Bicycle and Pedestrian Advisory Committee Meeting

CALTRANS BAY AREA BIKE HIGHWAY STUDY | April 15, 2021
PROJECT TIMELINE
Timeline

- **INVESTIGATE**
  - What Makes a Good Bike Highway?

- **ANALYZE**
  - Where Should Bike Highways Go?

- **ANALYZE**
  - Where Can Bike Highways Go?

- **DESIGN**
  - What Should Bike Highways Look Like?

- **REPORT**
  - How Can Bike Highways be Implemented?

**Working Group Meeting**

**Community Survey**

**Community feedback on priority corridors**

**Outreach to communities living near proposed corridors**

**Public Draft Study**

---

**FALL 2020**

**WINTER 2020 – 2021**

**SPRING 2021**

**SUMMER 2021**

**FALL 2021**

**WINTER 2021 – 2022**

---

**WE ARE HERE**
PUBLIC ENGAGEMENT
WEBSITE LAUNCH

d4bikehighwaystudy.org

• About the project
• Link to survey & future events
• Project timeline
• Resources
• Comment box
Questions

- Current and pre-COVID bicycle trip frequency and purpose
- Barriers to Bicycling
- Bike Highways
  - Preferred terminology
  - User preferences
  - Safety concerns
  - Design preferences
- Demographics
BIKE HIGHWAYS
BACKGROUND
What are Bike Highways?*

- High-quality, uninterrupted, and long-distance bikeways
- Support higher speed travel
- Support large volumes of people bicycling
- Connect regional destinations
- Mobility vs accessibility

*B based on review of worldwide best practices

Bike Highway in Denmark. Photo: Maurits Lopez Cardozo
Intended Users

- Bicycle Commuters
- Recreational riders
- Powered micromobility
- E-bikes
DESIGN ELEMENTS
Design Principles

• Higher speed
• Mobility
• Dedicated
• Low Effort
• Direct
Design Elements

• Alignment
• Intersections
• Materials and Amenities

Photos: Alta Planning + Design; Maurits Lopez Cardozo; Sergio Ruiz
Alignment

- Levels of Separation
- Design Speeds
- Width
- Slope
- Vehicles Permitted
Intersections

• Access Points and Connections to Local Bikeways

• Intersection/Crossing Treatments

• Green Wave Signal Phasing

Photo: Alta Planning + Design; Maurits Lopez Cardozo
Materials and Amenities

- Surface Materials
- Branding/Wayfinding
- Lighting
- Support Facilities

Photos: Alta Planning + Design
Maurits Lopez Cardozo
NEXT STEPS
Next Steps

• Review public feedback to understand user preferences and inform data-driven Route Selection Methodology

• Select routes that are feasible, suitable, and meet community needs

• Get community feedback on selected routes

• Develop concepts for Bike Highway segments

Photos: Sergio Ruiz; Maurits Lopez Cardozo
thank you! questions?

https://d4bikehighwaystudy.org/