

# Milvia Bikeway Project

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Department of Public Works

Berkeley City Council Public Hearing

December 3, 2019

# Presentation Outline

- Recommended Action
- Project Purpose, Goals, and Timeline
- Public Engagement
- Conceptual Design
- Traffic Mitigations
- Parking
- Next Steps



Cambridge, MA

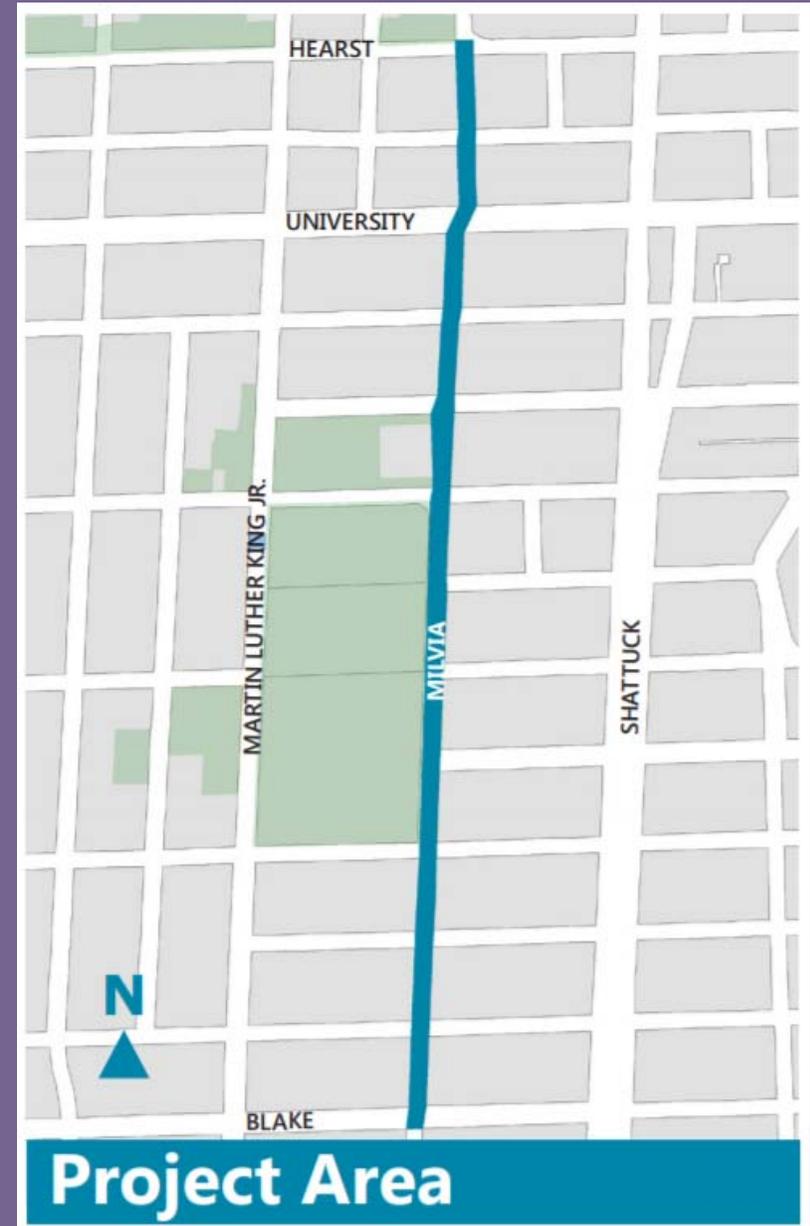
# Recommended Action

*Conduct a public hearing and upon conclusion, adopt a Resolution approving the conceptual design of the Milvia Bikeway Project, including installation of a protected bikeway and the removal or modification of traffic lanes and on-street parking, and specified changes from two-way to one-way traffic operations, as necessary, and directing the City Manager to direct staff to proceed with the detailed engineering design of the project.*

# Project Purpose

*Construct a continuous protected bikeway on Milvia from Hearst Avenue to Blake Street*

- **#1 priority project** from 2017 Bike Plan
- **Highest bicycle volumes** of any Berkeley bikeway (500+ people on bikes per hour)<sup>1</sup>
- **Vision Zero** bicycle high-injury street; highest total bicycle collisions of any Berkeley bikeway<sup>2</sup>
- **Low-Stress Network Gap:** North-South connector
- **Access** to businesses, schools, healthcare, City government
- **\$20M** from Affordable Housing Sustainable Communities Berkeley Way project



1: City of Berkeley Bicycle Counts, 2010-2018

2: California Statewide Integrated Traffic Records System (SWITRS), 2008-2018

# Project Goals

- **SAFETY:** Improve safety for everyone, especially people biking and walking
- **COMFORT:** A more comfortable walking and biking experience
- **CONNECTIVITY AND ACCESSIBILITY:** Preserve and where possible improve ADA accessibility, including parking access
- **ECONOMIC VITALITY:** Maintain and improve access to businesses. Where possible, preserve parking, especially loading and green zones for businesses



New York, NY

# Project Timeline

- **June 2018 to December 2019:** Conceptual Design, Preliminary Engineering, Public Outreach, and Environmental Review
- **January 2020 to October 2020:** Detailed Engineering Design
- **November 2020 to April 2021:** Advertise project & award construction contract
- **May 2021 to January 2022:** Construction



San Francisco, CA

# Public and Stakeholder Engagement

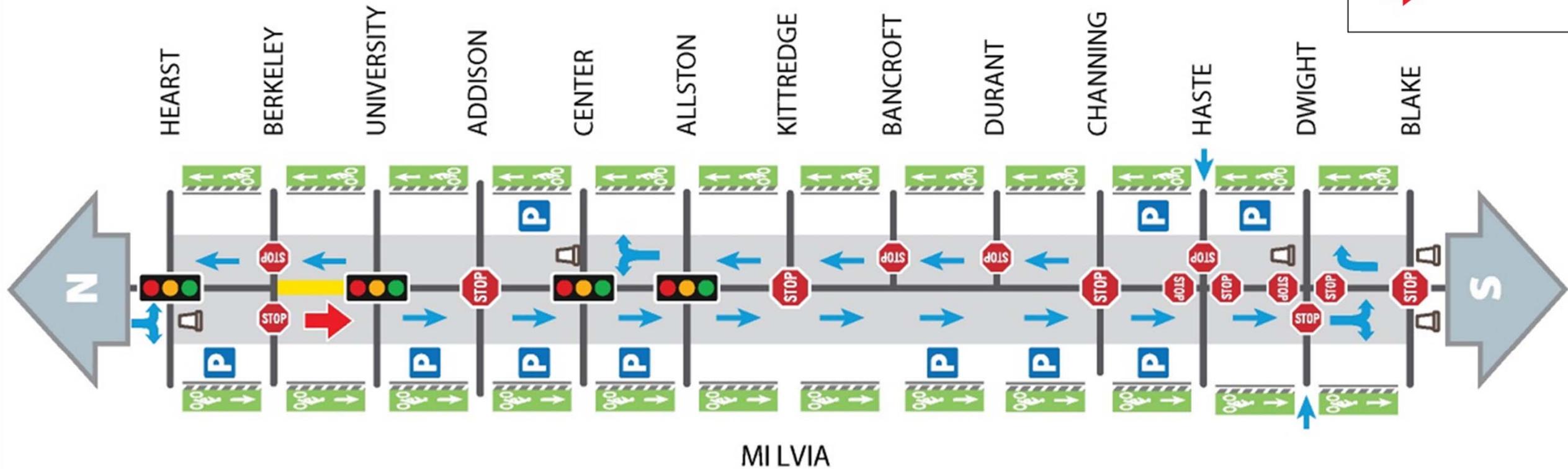
- **May 2015:** protected bikeway demo
- **September 2018:** three “pop-up” tabling events
- **January 2019:** Public Open House #1
- **August 2019:** Berkeley Unified School District
- **September 2019:** Transportation Commission
- **October 2019:**
  - Public Open House #2
  - Downtown Business Association and Office of Economic Development
  - Berkeley Fire Department
  - Commission on Disability
  - Transportation Commission
- **November 2019:**
  - Berkeley High School, BUSD
  - Berkeley Police Department



# Milvia Bikeway Conceptual Design

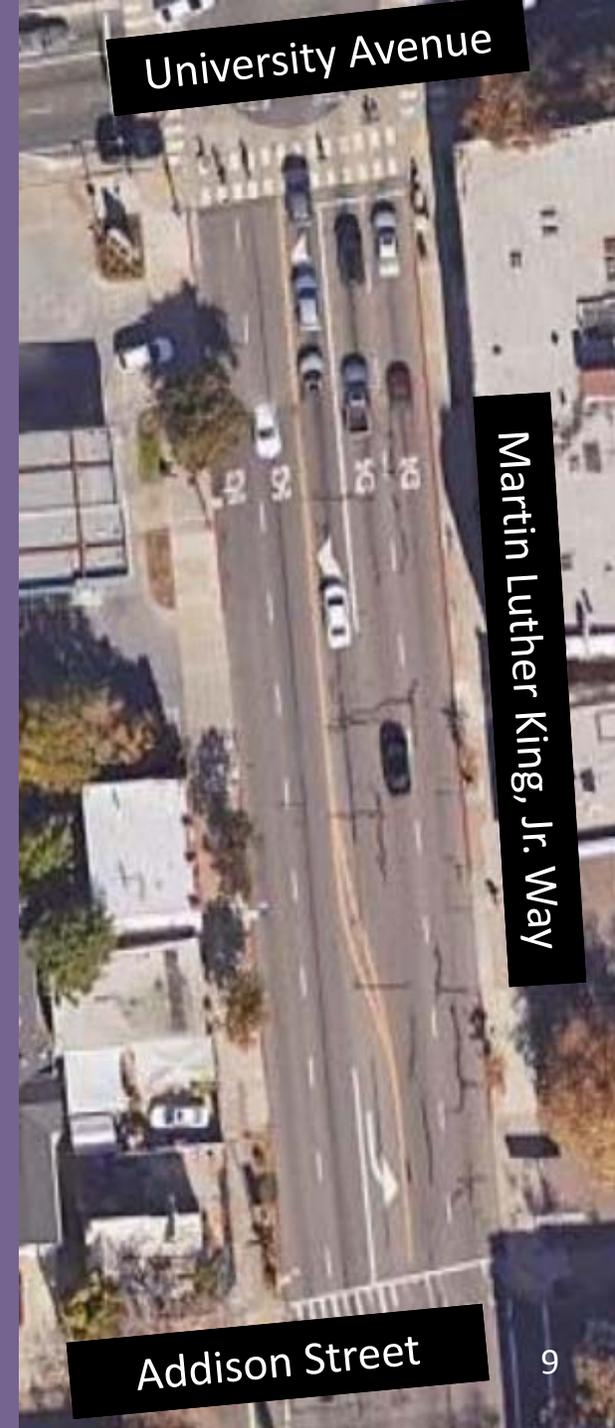
## LEGEND

-  Protected Bikeway
-  On-street Parking
-  Traffic Diversion
-  Stop Sign
-  Traffic Signal
-  Vehicle Traffic Flow
-  Fire Lane
-  Fire Lane



# Traffic Mitigations

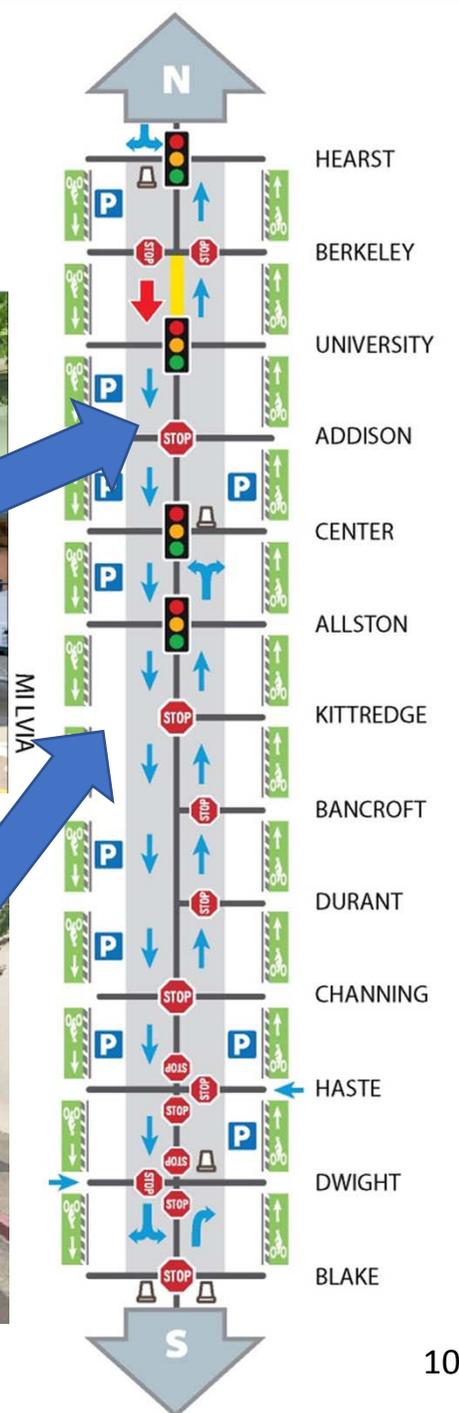
- **Categorical Exemption:** Section 21080.20.5 of the Public Resources Code
- **Recommended traffic mitigation:** Extend MLK northbound left turn lane at University to Addison; remove southbound left turn lane at Addison
- **Potential future traffic mitigation (post-project monitoring):**
  - Time-limit pm peak parking on east side of MLK just north of University
  - Retime signals on Shattuck between University and Center Street to add green time to Shattuck at University and Center at Shattuck



Addison Street

# Parking and Loading

- # Existing On-street Spaces: approx 135
- # Proposed On-street Spaces: approx 60
- # New spaces in Center Street Garage: 280
- Commercial and passenger loading:
  - Preserve existing zones
  - Add new zones
- Disabled parking:
  - Preserve existing zones
  - Add new zones



# Stakeholder Engagement Issues and Solutions

Issue	Proposed Solution
Large Truck Commercial Loading at Ace Hardware	Hybrid commercial loading/customer parking zone (priced & time-limited) on Addison St
Emergency Response Access – Fire Stations #2 and #5	Southbound Fire Lane Berkeley Way to University Ave; two-way operations Dwight Way to Blake St
Berkeley Police Department game day tow lot	Expand game day tow lot area to three blocks
Accessibility and Disabled Parking	ADA access aisles along parking; preserve blue zones
Berkeley High School Vehicle Access	Southbound route through downtown from University Ave
Berkeley High School Vehicle Parking	Move parking to school side; designate new blue zones
Berkeley High School Passenger Loading	Continuous passenger boarding island

# Next Steps

- Detailed Engineering Design: January 2020 to October 2020
- Advertise project & award construction contract: November 2020 to April 2021
- Construction: May 2021 to January 2022



# Recommended Action

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# Thank you!

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