Agenda

Welcome 6:00 (10 minutes)
- Project Team Introduction
- Virtual Housekeeping

Project Overview 6:10 (10 minutes)
- Location
- Goals
- Timeline

Existing Conditions & Design Options 6:20 (50 minutes)
- Bancroft Way
- Telegraph Avenue
- Fulton Street
- Dana Street

Small Group Activity 7:10 (45 minutes)

Next Steps, & Closing 7:55 (5 minutes)
Project Team

City of Berkeley
Eric Anderson, Project Manager
Conceptual Design Phase
Ken Jung, Project Manager
Final Design Phase

Toole Design Group, Prime Consultant
Cindy Zerger, Project Manager

Bellecci & Associates
Civil Eng. Support

Kittelson
Transit & Traffic Analysis

GPA
Environmental Documentation

Chaudhary & Associates
Survey

A3GEO
Geotechnical
Virtual Housekeeping
Zoom Virtual Housekeeping

• Participants are muted upon entry
• Link your audio to your computer, if not using computer audio
• This call is being recorded
• Live polling during presentation
• Small group activity (breakout rooms) for additional discussion
• If you require closed captioning, please send a message to “CC Support” so you can be placed in the right breakout room.
Zoom Polling

• When the meeting host starts the poll, a window will automatically pop up in Zoom on your screen
• Select your answer, then hit submit
• The host will share the results of the poll with all the attendees
Breakout Rooms

• 45 minutes total to gather feedback on options for all 4 corridors
• Please mute yourself unless speaking
• Reminder to be kind to your neighbors! Provide space for all participants to speak or ask questions
• Please limit your comments to 1 minute
• “Chat” function will be enabled to provide feedback in small group
• If you require closed captioning, please send a message to “CC Support” so you can be placed in the right breakout room.
• Reconvene for next steps and close of meeting
Project Overview
Project Goals

• **Safety** for all persons walking, riding bicycles, riding transit, or driving, consistent with the City of Berkeley Vision Zero traffic safety policy

• **Transit** reliability and travel times consistent with the City of Berkeley General Plan Transportation Element Policy T-4 “Transit-First”

• **Economic and cultural vitality** of Berkeley’s Southside neighborhood consistent with the Economic Development goals of the City of Berkeley Southside Plan
Project Timeline

Summer - Fall 2021
Data collection & analysis; begin public engagement

Fall 2021 - Late 2021
Develop and present concepts; ongoing public engagement

Late 2021 - Spring 2022
Environmental analysis and impact studies

Spring 2022 - Early 2023
Develop detailed engineering plans; technical stakeholder engagement; finalize construction plans

2023-2024
Construction

Conceptual Design & Public Engagement

Environmental & Detailed Engineering Design
Planning History

• Southside Plan (2003, 2009, 2011)
• AC Transit Major Corridors Study (2016)
• Telegraph Avenue Public Realm Plan (2016)
• Berkeley Bicycle Plan Update (2017)
• Vision Zero Action Plan (2020)
• Berkeley Pedestrian Plan Update (2020)
• City of Berkeley 5-year Repaving Plan (2020)
Public Engagement Plan

The Berkeley Community:
- Online Public Open Houses (2)
- Online Public Surveys (2)
- Transportation Commission Meetings (2)
- Commission on Disability Meetings (2)
- Berkeley City Council Meeting (1)

Institutional Stakeholder Group:
- AC Transit and other transit operators
- UC Berkeley
- Berkeley Police and Fire Departments
- Department of Public Works
- Office of Economic Development

Public Stakeholders (incl but not limited to):
- Telegraph Business Improvement District
- Associated Students of University of California, Berkeley (ASUC)
- East Bay Transit Riders’ Union
- Walk Bike Berkeley
Public Engagement Milestones

Present the Design Alternatives

• Open House #1 (Nov 10)
• Online Survey (closes November 28)
• Berkeley Transportation Commission Meeting (Nov 18)
• Stakeholder Meetings (Nov/Dec)

Select a Preferred Alternative

• Open House #2 (Jan)
• Stakeholder Meetings (Jan/Feb)
• Berkeley City Council (Feb)
Existing Conditions & Context
Walking Volumes

Total Intersection volumes during PM Peak hour
Data from City & UCB Counts (2004-2019)
Biking Volumes

Total Intersection volumes during PM Peak hour
Data from City & UCB Counts (2004-2019)
Driving Volumes

Total Intersection volumes during PM Peak hour
Data from City & UCB Counts (2004-2019)
Transit Volumes (Daily)

Total Daily Boardings + Alightings by stop
Data from AC Transit (2019)
On-Street and Off-Street Parking

Information acquired from City of Berkeley's GIS database

Bike parking corral
Bicycle parking rack
City parking lot or garage
Residential preferred parking area
goBerkeley parking area
Metered parking area

Parking Allowed
No
Yes

0 250 500 Feet

11/10/2021
Berkeley Vision Zero

Collision Data: SWITRS ten-year injury collision data, 2010-2019

Equity Priority Area

Collision Type
- Bicycle - Fatal
- Bicycle - Severe Injury
- Pedestrian - Fatal
- Pedestrian - Severe Injury
- Driver - Fatal
- Driver - Severe Injury

Data: SWITRS ten-year injury collision data, 2010-2019
Bicycle Level of Traffic Stress (LTS)

Source: City of Berkeley Bicycle Plan (2017).
Business Patron Travel Survey

Number of Visitors/Patrons by Mode of Travel

- Walk, 59
- Bus, 32
- BART, 17
- Drove Alone, 15
- Bike, 10
- Carpoooled, 3
- Taxi, Lyft, Uber, 3
- Dropped Off, 1

Difference in Perception of Southside Travel

<table>
<thead>
<tr>
<th>By Business Owner Perception</th>
<th>By Visitor/Patron Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1 Walk</td>
<td>Walk</td>
</tr>
<tr>
<td>#2 Drive</td>
<td>Bus</td>
</tr>
<tr>
<td>#3 Bike</td>
<td>BART</td>
</tr>
<tr>
<td>#4 BART</td>
<td>Drive</td>
</tr>
<tr>
<td>#5 Bus</td>
<td>Bike</td>
</tr>
<tr>
<td>#6 Taxi/Uber/Lyft</td>
<td>Taxi/Uber/Lyft</td>
</tr>
</tbody>
</table>

Data from “2017 Intercept Survey of Visitors/Patrons and Merchants on Telegraph Avenue and Bancroft Way”
Project Corridors
Bancroft Way Project Area
Piedmont Avenue to Milvia Street

Project area

Area highlighted in presentation; concept to be applied along entire corridor
Bancroft Way Existing
College Avenue to Dana Street

1

10' 8' 10' 10' 12' 10'

sidewalk parking lane drive lane shared lane bus lane sidewalk

60'

BANCROFT WAY - BARROW TO DANA (FACING WEST)
Existing

2

10' 8' 12' 12' 8' 10'

sidewalk parking lane drive lane drive lane parking lane sidewalk

60'

BANCROFT WAY - COLLEGE TO BARROW (FACING WEST)
Existing

11/10/2021
Issues & Opportunities

• Bancroft Way is active, lively, and a vital connection for people traveling by all modes to access the campus and city
• Street has many demands on it as a transit route, commercial and residential corridor, and city/campus border
Issues & Opportunities

• Pilot project has had a positive effect on bicycling
• Crossing the street to/from campus on foot or bike can be a challenge
• Narrow sidewalks can be difficult for those with mobility impairments and also limits access to businesses
• Lack of passenger and commercial loading zones to support delivery services and access to campus and businesses
Bancroft Pilot Project Benefits

- Vehicle flow unhindered by removal of traffic lane
- More people biking in a lower stress environment
- Improved vehicle yielding to pedestrians
- Need for more passenger and commercial loading zones
Zoom Poll

What are your priorities for Bancroft Way?
Bancroft Way Design Options
Bancroft Way Option 1
College Avenue to Dana Street

11/10/2021 Berkeley Southside
Complete Streets

CONCEPT ONLY – NOT FOR CONSTRUCTION
Bancroft Way Option 2
College Avenue to Dana Street

BANCROFT WAY - COLLEGE TO DANA (FACING WEST)
Option Two: Two-way bikeway on north side
Bus only lane on north side

CONCEPT ONLY – NOT FOR CONSTRUCTION
Bancroft Way Option 2
College Avenue to Dana Street at Bus Boarding Island

BANCROFT WAY - COLLEGE TO DANA (FACING WEST)
Option Two: Two-way bikeway on north side, with bus island
Bus only lane on north side

CONCEPT ONLY – NOT FOR CONSTRUCTION
Bancroft Way Option 3
College Avenue to Dana Street

10' sidewalk  4' two-way buffer bikeway  4' drive lane  11' general vehicle lane  7' parking lane  10' sidewalk

60'

BANCROFT WAY - COLLEGE TO DANA (FACING WEST)
Option Three: Two-way bikeway on south side, two-way vehicular traffic, curbside parking/loading

CONCEPT ONLY – NOT FOR CONSTRUCTION
Bancroft Zoom Poll
Bancroft – Option 1

Existing

10’ 8’ 12’ 12’ 8’ 10’

sidewalk  parking lane  drive lane  drive lane  parking lane  sidewalk

BANCROFT WAY - COLLEGE TO BARROW (FACING WEST)
Existing

Option 1

10’ 4’ 4’ 4’ 7’ 10’ 11’ 10’

sidewalk  two-way bikeway  buffer  parking lane  drive lane  bus lane  sidewalk

BANCROFT WAY - COLLEGE TO DANA (FACING WEST)
Option One: Two-way bikeway on south side, curbside bus-only lane on north side
Bancroft – Option 2

Existing

BANCROFT WAY - COLLEGE TO BARROW (FACING WEST)
Existing

Option 2

BANCROFT WAY - COLLEGE TO DANA (FACING WEST)
Option Two: Two-way bikeway on north side
Bancroft – Option 3

**Existing**

- Sidewalk: 10'
- Parking lane: 8'
- Drive lane: 12'
- Drive lane: 12'
- Parking lane: 8'
- Sidewalk: 10'

**Option 3**

- Sidewalk: 10'
- Two-way buffer: 4'
- Two-way bikeway: 4'
- Drive lane: 10'
- General vehicle lane: 11'
- Parking lane: 7'
- Sidewalk: 10'

**BANCROFT WAY - COLLEGE TO BARROW (FACING WEST)**

- Existing

**BANCROFT WAY - COLLEGE TO DANA (FACING WEST)**

- Option Three: Two-way bikeway on south side, two-way vehicular traffic, curbside parking/loading
For Bancroft Way, which option do you prefer?

**Option 1**
BANCROFT WAY - COLLEGE TO DANA (FACING WEST)
Option One: Two-way bikeway on south side, curbside bus-only lane on north side

**Option 2**
BANCROFT WAY - COLLEGE TO DANA (FACING WEST)
Option Two: Two-way bikeway on north side

**Option 3**
BANCROFT WAY - COLLEGE TO DANA (FACING WEST)
Option Three: Two-way bikeway on south side, two-way vehicular traffic, curbside parking/loading
Telegraph Avenue Project Area
Bancroft Way to Dwight Way

Project area

Area highlighted in presentation; concept to be applied along entire corridor
Issues & Opportunities

• Telegraph Avenue is a historic, iconic commercial corridor, active at all times of day and night

• Street has many demands on it with transit, deliveries, 2nd highest pedestrian volumes in the East Bay (after Oakland Chinatown), and many business and cultural destinations
Issues & Opportunities

• Curb space is in high demand from buses, ride-hailing passengers, deliveries, solid waste pick up; “slalom” effect, as drivers swerve around double-parked cars and trucks

• Sidewalks too narrow to serve both people walking and the needs of businesses and cafes; need for maintenance sometimes creates hazards or a challenging walking environment
Zoom Poll

What are your priorities for Telegraph Avenue?
Telegraph Avenue Design Options
Telegraph Avenue Option 1
Durant Avenue to Bancroft Way

Option One: Contraflow bike lane, shared lane, and bus lane

TELEGRAPH AVE - DURANT AVE TO BANCROFT WAY (FACING NORTH)

CONCEPT ONLY – NOT FOR CONSTRUCTION
Telegraph Avenue Option 2
Durant Avenue to Bancroft Way

CONCEPT ONLY – NOT FOR CONSTRUCTION

TELEGRAPH AVE - DURANT AVE TO BANCROFT WAY
(FACING NORTH)
Option Two: Two-way mixed traffic shared lane

New York, NY
Telegraph Avenue Option 3
Durant Avenue to Bancroft Way

Option Three: One-way mixed traffic chicane street with bus lane; parking/loading areas alternate sides with mid-block chicane.

TELEGRAPH AVE - DURANT AVE TO BANCROFT WAY (FACING NORTH)

CONCEPT ONLY – NOT FOR CONSTRUCTION
Telegraph Avenue Option 4
Durant Avenue to Bancroft Way

11/10/2021 Berkeley Southside
Complete Streets

CONCEPT ONLY – NOT FOR CONSTRUCTION
Telegraph Avenue Zoom Poll
Telegraph – Option 1

Existing

Option 1

TELEGRAPH AVE - DURANT AVE TO BANCROFT WAY (FACING NORTH)

TELEGRAPH AVE - DURANT AVE TO BANCROFT WAY (FACING NORTH)
Option One: Contraflow bike lane, shared lane, and bus lane
Telegraph – Option 2

Existing

Option 2

TELEGRAPH AVE - DURANT AVE TO BANCROFT WAY (FACING NORTH)

Option Two: Two-way mixed traffic, shared lane
Telegraph – Option 3

Existing

Option 3

TELEGRAPH AVE - DURANT AVE TO BANCROFT WAY (FACING NORTH)

Option Three: One-way mixed traffic chicane street with bus lane; parking/loading areas alternate sides with mid-block chicane
Telegraph – Option 4

Existing

Option 4

TELEGRAPH AVE - DURANT AVE TO BANCROFT WAY
(FACING NORTH)

Option Four: One-way shared street at sidewalk level with pedestrian scale lighting, bollards, and bus lane; parking/loading areas alternate sides.
For Telegraph Avenue, which option do you prefer?

Option 1: Contraflow bike lane, shared lane, and bus lane

Option 2: Two-way mixed traffic chicane street

Option 3: One-way mixed traffic chicane street with bus lane; parking/loading areas alternate sides with mid-block chicane

Option 4: One-way shared street at sidewalk level with pedestrian scale lighting, bollards, and bus lane; parking/loading areas alternate sides
Fulton Street Project Area
Bancroft Way to Dwight Way

Project area
Area highlighted in presentation; concept to be applied along entire corridor
Fulton Street Existing
Channing Way to Haste Street

FULTON ST - CHANNING TO HASTE (FACING SOUTH)
Existing: Shared southbound lane

Berkeley Southside
Complete Streets
Issues & Opportunities

• Fulton Street is mixed use – busy and commercial nearer campus, more quiet residential further from campus

• Bikeway provides protected environment for people biking

• Walking is generally comfortable along sidewalks, with some shade trees and landscaping

• Residential parking is heavily used
Zoom Poll

What are your priorities for Fulton Street?
Fulton Street Design Options
Fulton Street Option 1
Channing Way to Haste Street

Seattle, WA

FULTON ST - CHANNING TO HASTE (FACING SOUTH)
Option One: Two-way bikeway on east side

CONCEPT ONLY – NOT FOR CONSTRUCTION
Fulton Street Option 2
Channing Way to Haste Street

CONCEPT ONLY – NOT FOR CONSTRUCTION
Fulton Street Option 3
Channing Way to Haste Street

FULTON ST - CHANNING TO HASTE (FACING SOUTH)
Option Three: One-way bikeway on each side

CONCEPT ONLY – NOT FOR CONSTRUCTION
Zoom Poll

Fulton Street Design Options
Fulton – Option 1

**Existing**

FULTON ST - CHANNING TO HASTE (FACING SOUTH)
Existing: Shared southbound lane

**Option 1**

FULTON ST - CHANNING TO HASTE (FACING SOUTH)
Option One: Two-way bikeway on east side
Fulton – Option 2

Existing

FULTON ST - CHANNING TO HASTE (FACING SOUTH)
Existing: Shared southbound lane

Option 2

FULTON ST - CHANNING TO HASTE (FACING SOUTH)
Option Two: Two-way bikeway on west side
Fulton – Option 3

Existing

Option 3

FULTON ST - CHANNING TO HASTE (FACING SOUTH)
Existing: Shared southbound lane

FULTON ST - CHANNING TO HASTE (FACING SOUTH)
Option Three: One-way bikeway on each side
For Fulton Street, which option do you prefer?

**Option 1**
- Two-way bikeway on east side

**Option 2**
- Two-way bikeway on west side

**Option 3**
- One-way bikeway on each side
Dana Street Project Area
Bancroft Way to Dwight Way

Project area

Area highlighted in presentation; concept to be applied along entire corridor
Dana Street Existing
Haste Street to Dwight Way

DANA STREET - HASTE TO DWIGHT (FACING SOUTH)
Existing

11/10/2021
Berkeley Southside
Complete Streets
Issues & Opportunities

• Mix of residential and institutional uses accessed by foot, bike, transit and car

• New sidewalk and landscape closer to campus creates a comfortable walking environment

• Need to maintain emergency access to high-rise UC Berkeley dormitory buildings

• Sidewalk and wrong-way biking; parking in bike lane
Issues & Opportunities

• Dana/Bancroft intersection is confusing no matter the mode of travel
• Important access point to/from UC Berkeley
Zoom Poll

What are your priorities for Dana Street?
Dana Street AC Transit Pilot Project
Haste Street to Dwight Way

For more information:
https://www.actransit.org/rapid-corridors/dana-street
Dana Street Permanent Project
Haste Street to Dwight Way

University of Minnesota, Minneapolis, MN

Selected Design: Two-way bikeway on west side
Dana Street
Zoom Poll
Dana Street Permanent Project

Existing

Option

DANA STREET - HASTE TO DWIGHT (FACING SOUTH)
Existing

DANA STREET - HASTE TO DWIGHT (FACING SOUTH)
Selected Design: Two-way bikeway on west side
Breakout Rooms
Design Concept Recap

• Bancroft Way  
  • Three Options

• Telegraph Avenue  
  • Four Options

• Fulton Street  
  • Three Options

• Dana Street  
  • One Option
Breakout Rooms

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- **2023-2024**: Construction.

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**Conceptual Design & Public Engagement**

**Environmental & Detailed Engineering Design**
Upcoming Engagement

Transportation Commission #2: 11/18
Online Survey #1
Closes 11/28

Public Open House #2:
Week of 1/17
Online Survey #2
Closes week of 1/24

Preferred Alternative presented to City Council

November
December
January
February

Stakeholder Meetings
Thank You!

Please take the survey available at berkeleycompletestreets.org

More questions or comments?
Please contact
Eric Anderson, Project Manager at eanderson@cityofberkeley.info