



# Realign

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## Realign Draft Service Scenarios

INFORMATIONAL ITEM: AC Transit Realign Bus Service Network Plan Update  
Berkeley City Council

TUESDAY, NOVEMBER 14, 2023



# AC Transit At-a-Glance

## Rider Demographics:

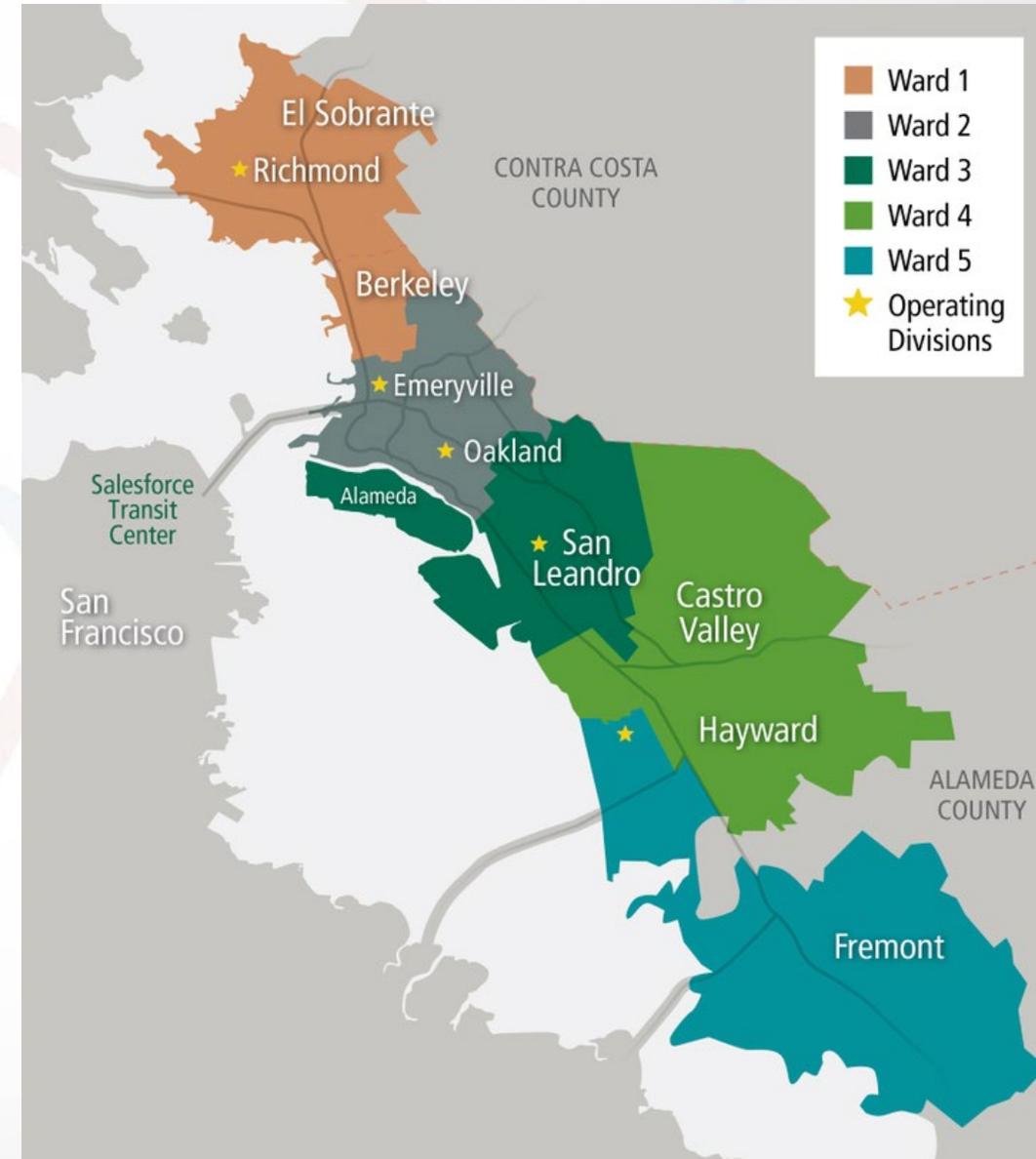
- 65% low income
- 75% people of color
- 29% Limited English Proficiency
- 27% of riders are traveling to work
- 30,000 student trips to and from school every school day

## Riders During Pandemic:

- 40% of riders made an essential trip
- 15% of riders identified as an essential worker
- 43% riders do not have access to a car

## We serve

*Essential workers, students, low-income, seniors, commuters, individuals with disabilities, and anyone wishing to reduce their carbon footprint.*



# Transit Service in Berkeley Today



Line	Serving	Wkdy Frequency
6	Telegraph	Every 12 min
7	Arlington, El Cerrito, Ashby, Emeryville	Every 30 min.
12	Gilman, Shattuck	Every 24 min.
18	MLK, UC Village, Solano	Every 16 min
36	Dwight, UC, Emeryville, West Oakland	Every 30 min
51B	University, College	Every 12 min
52	Cedar, UC Village	Every 15 min
65	Grizzly Peak, Euclid	Every 40 min
67	Tilden	Every 30 min
72/72M	San Pablo	Every 15 min, combined
72R	San Pablo Rapid	Every 12 min
79	Colusa, Claremont	Every 30 min
88	Sacramento, Market	Every 18 min
F	Adeline, SF	Every 30 min
FS	University, SF	Varies
J	Sacramento, SF	Varies

— 20 mins or less  
— 60 mins  
— Other (early bird, overnight, commute hours only)

Gateway  
 2000 ft  
  
 © Mapbox © OpenStreetMap

# Realign Project Phasing



On-going emphasis on equity and transparency in all project phases and communications 

# Guiding Principles

## Equity

*Provide a network that prioritizes mobility for communities who need it the most.*

## Reliability

*Provide bus service that is reliable and predictable.*

## Frequency

*Provide frequent service to the most people; frequency's importance will vary by location and be balanced against geographic coverage and community needs.*

# Service Scenarios Overview

## Cost-Neutral

Stay the Course



**Balanced Coverage Scenario**

More Frequency,  
Less Coverage



**Frequent Service Scenario**

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## Unconstrained

*(Pending funding availability)*

More Frequency,  
More Coverage



**Unconstrained Vision  
Scenario**



# Balanced Coverage Scenario

- Keeps today's balance between core service and providing network coverage.
  - Improves access to many destinations
  - New coverage to areas with high transit demand
  - Simplifies routes to improve reliability and travel time
  - Better matches service frequency to customer demand





# Frequent Service Scenario

- Focuses more frequent service in denser areas at the cost of network coverage.
  - All local routes provide weekday service at least every 30 minutes
  - Better frequency on busier trunk routes
  - Simplifies routes to improve reliability and travel times
  - Eliminates less productive local lines and route segments.





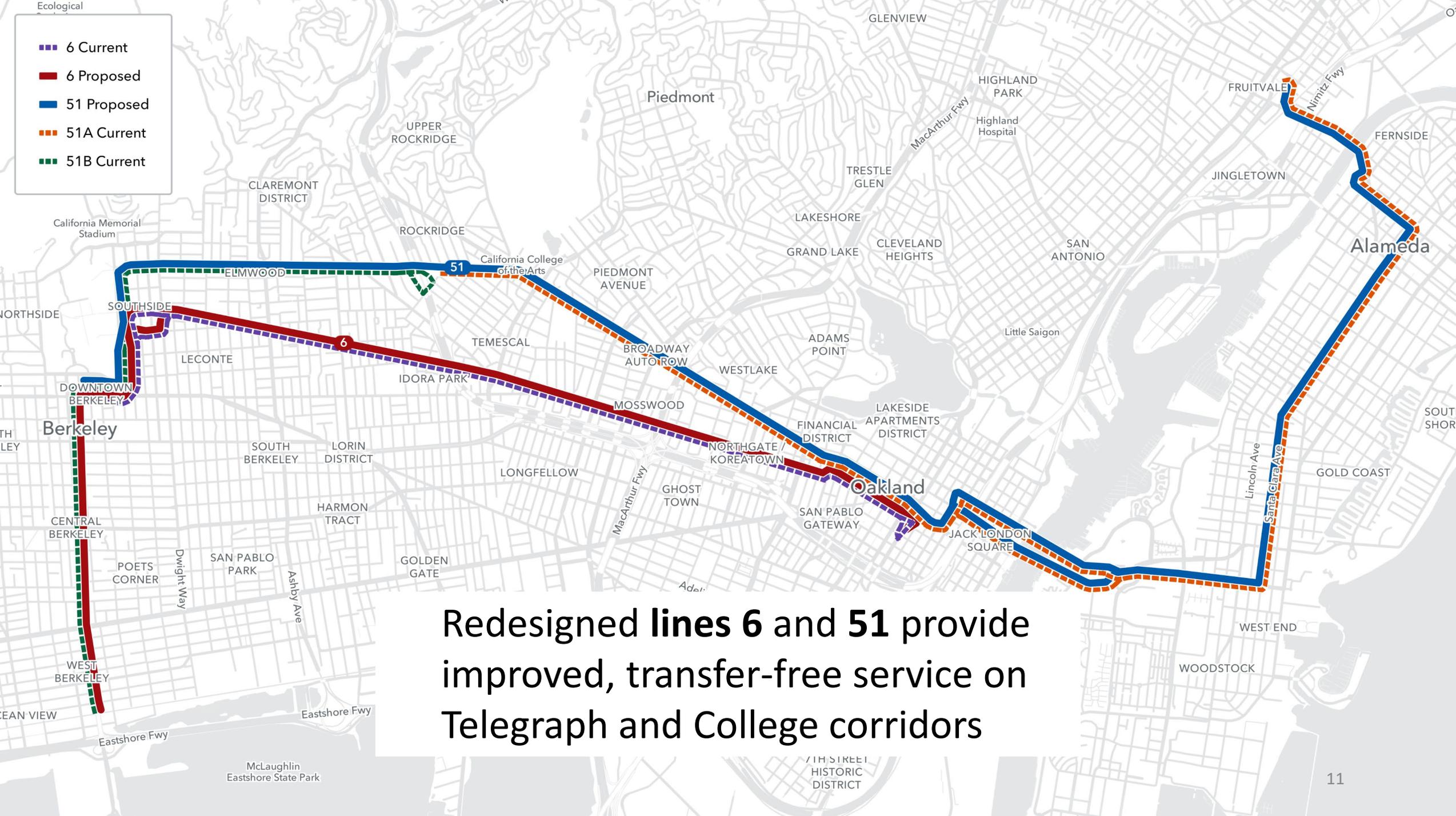
# Unconstrained Vision Scenario

- Expanded frequent service, expanded coverage, more revenue, operators, buses, bus garages needed.
- Restores pandemic suspensions, with some changes to support equity and reflect new travel patterns.
- Proposed on-demand microtransit zones where fixed route service expansion is less practical.



# Key Highlights

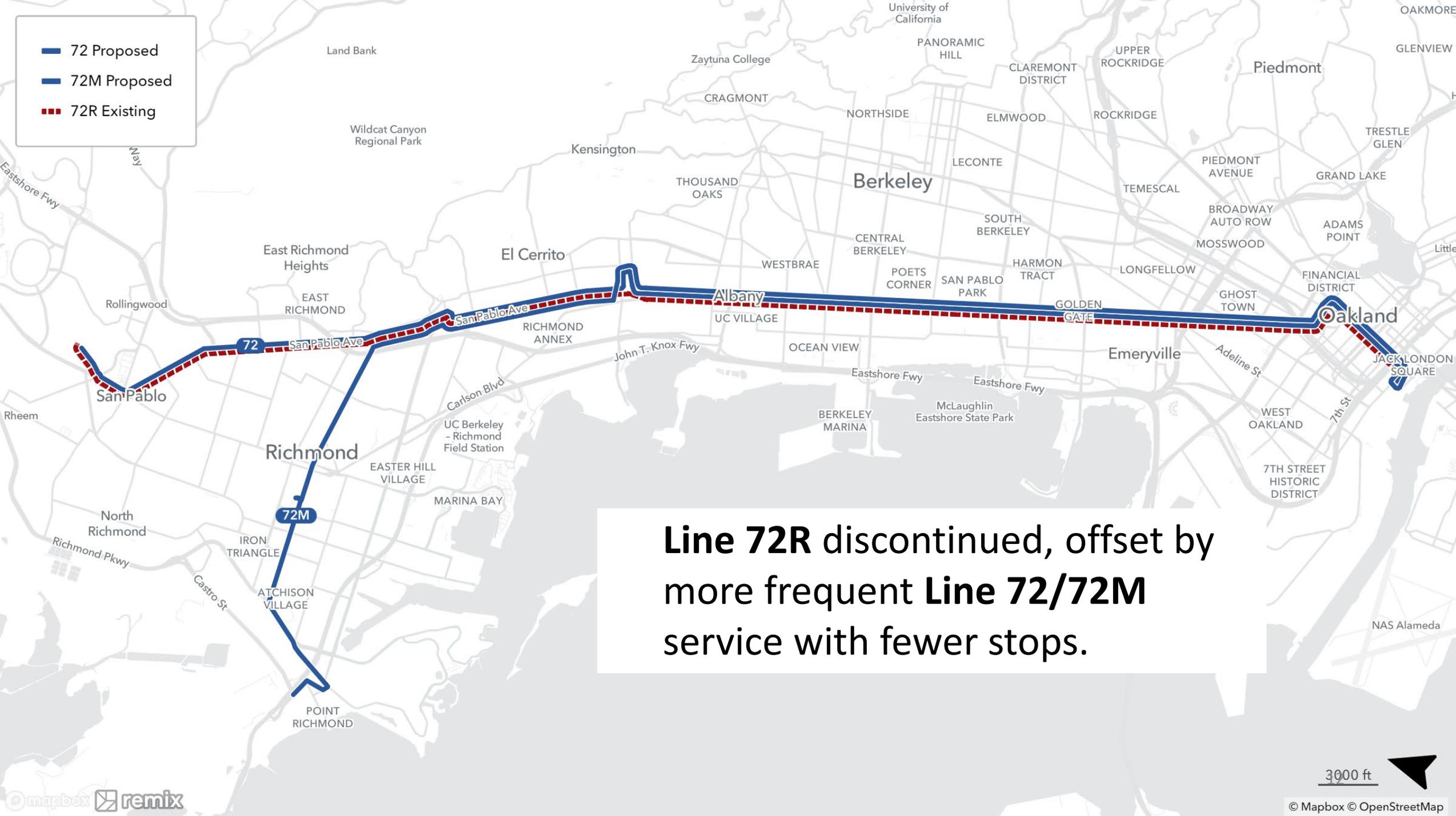
Consistent between  
Balanced Coverage and  
Frequent Service scenarios



- 6 Current
- 6 Proposed
- 51 Proposed
- 51A Current
- 51B Current

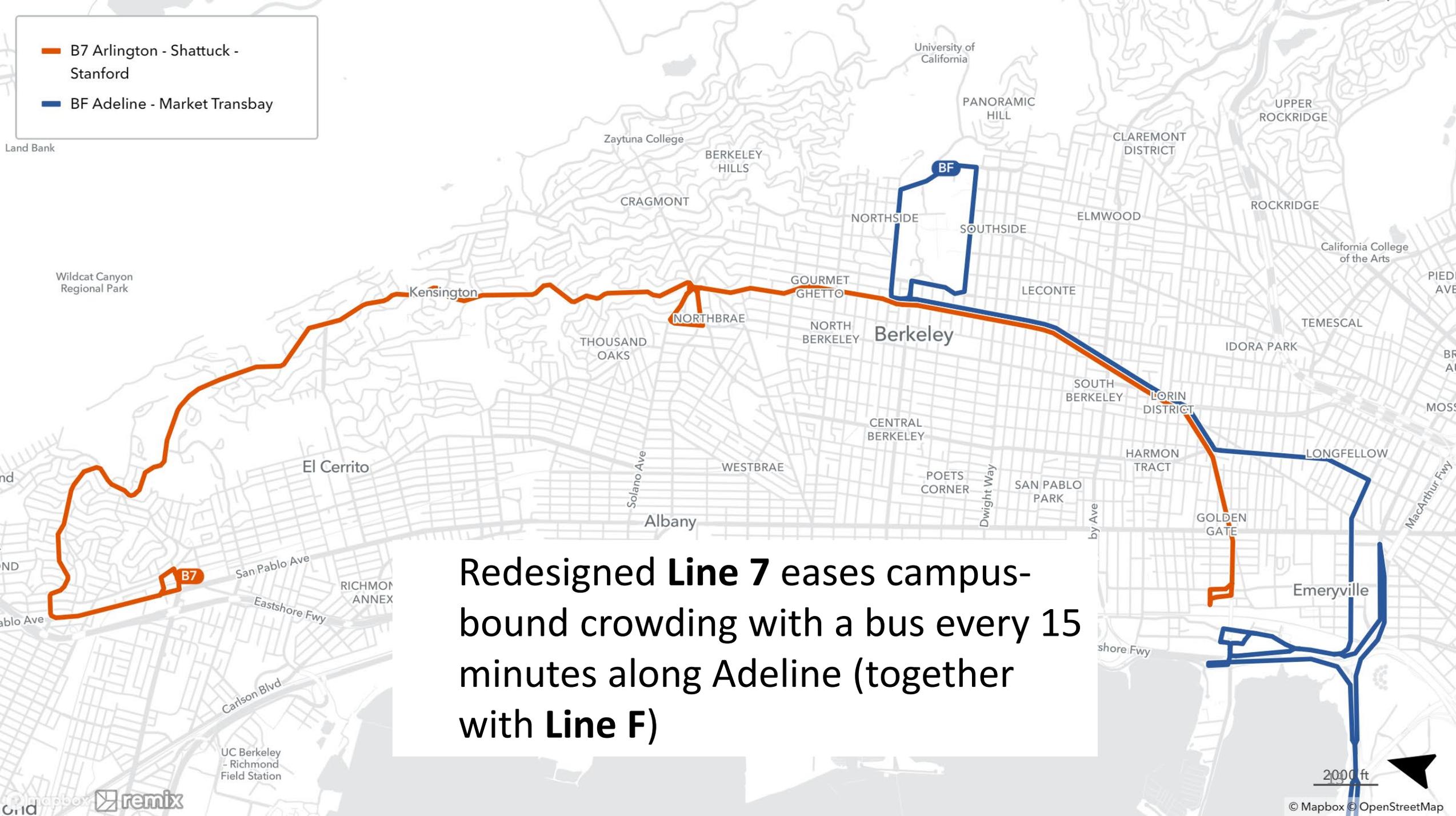
Redesigned lines 6 and 51 provide improved, transfer-free service on Telegraph and College corridors

- 72 Proposed
- 72M Proposed
- 72R Existing



**Line 72R discontinued, offset by more frequent Line 72/72M service with fewer stops.**

- B7 Arlington - Shattuck - Stanford
- BF Adeline - Market Transbay

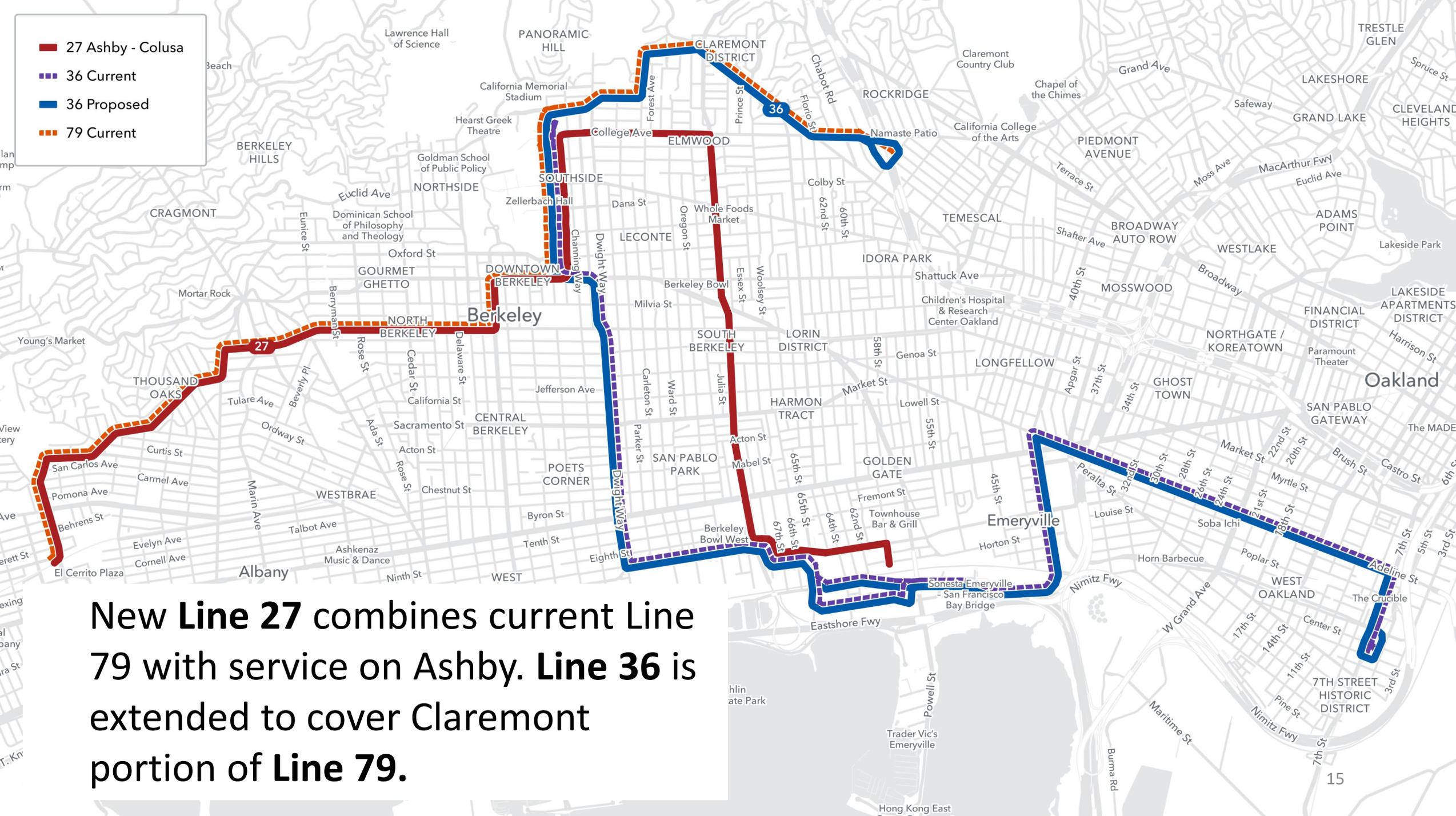


Redesigned **Line 7** eases campus-bound crowding with a bus every 15 minutes along Adeline (together with **Line F**)

- 52 Existing
- 52 Proposed



**New Line 52 provides more direct service to North Shattuck**

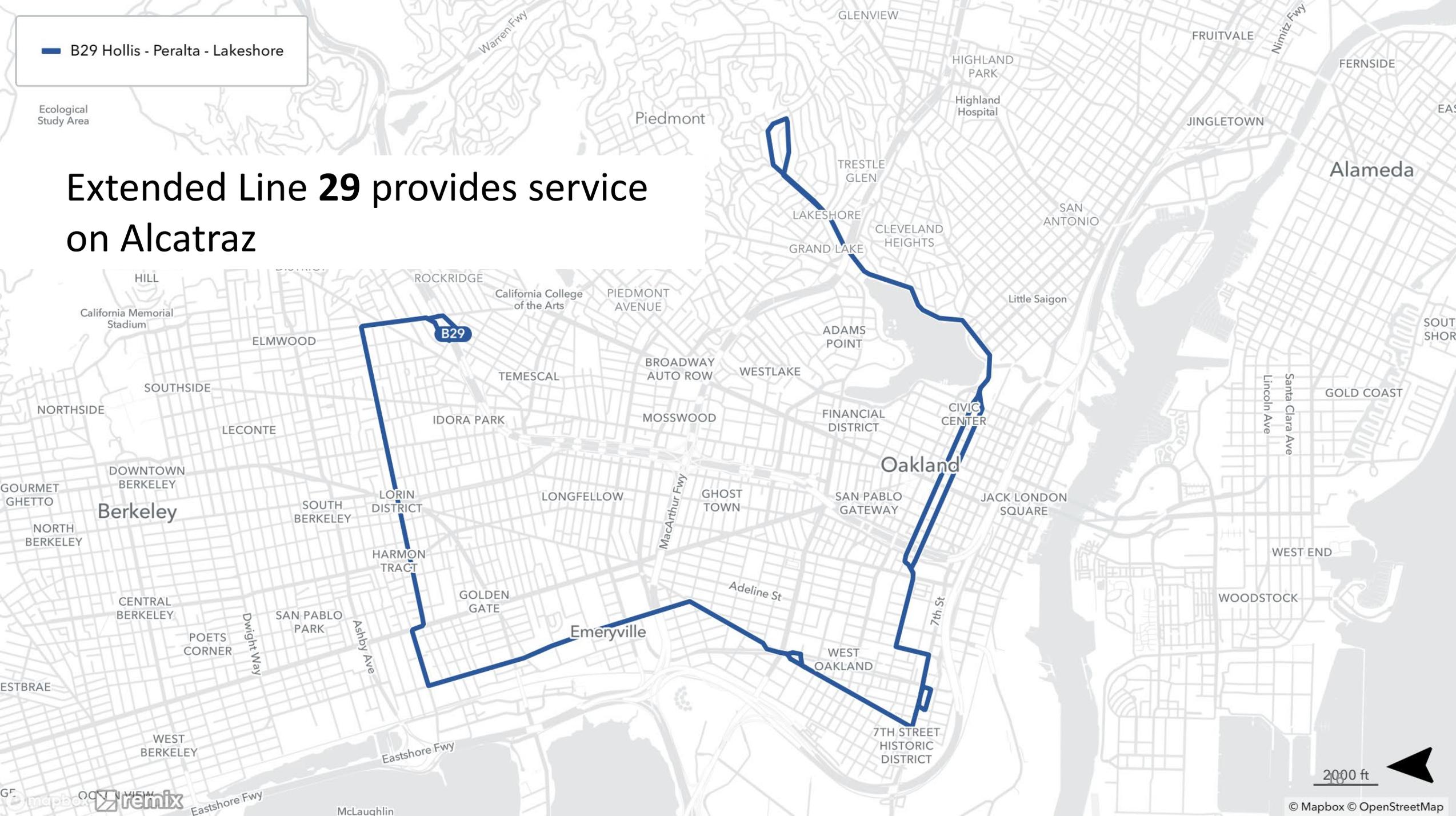


**New Line 27** combines current Line 79 with service on Ashby. **Line 36** is extended to cover Claremont portion of **Line 79**.

— B29 Hollis - Peralta - Lakeshore

Ecological  
Study Area

# Extended Line 29 provides service on Alcatraz

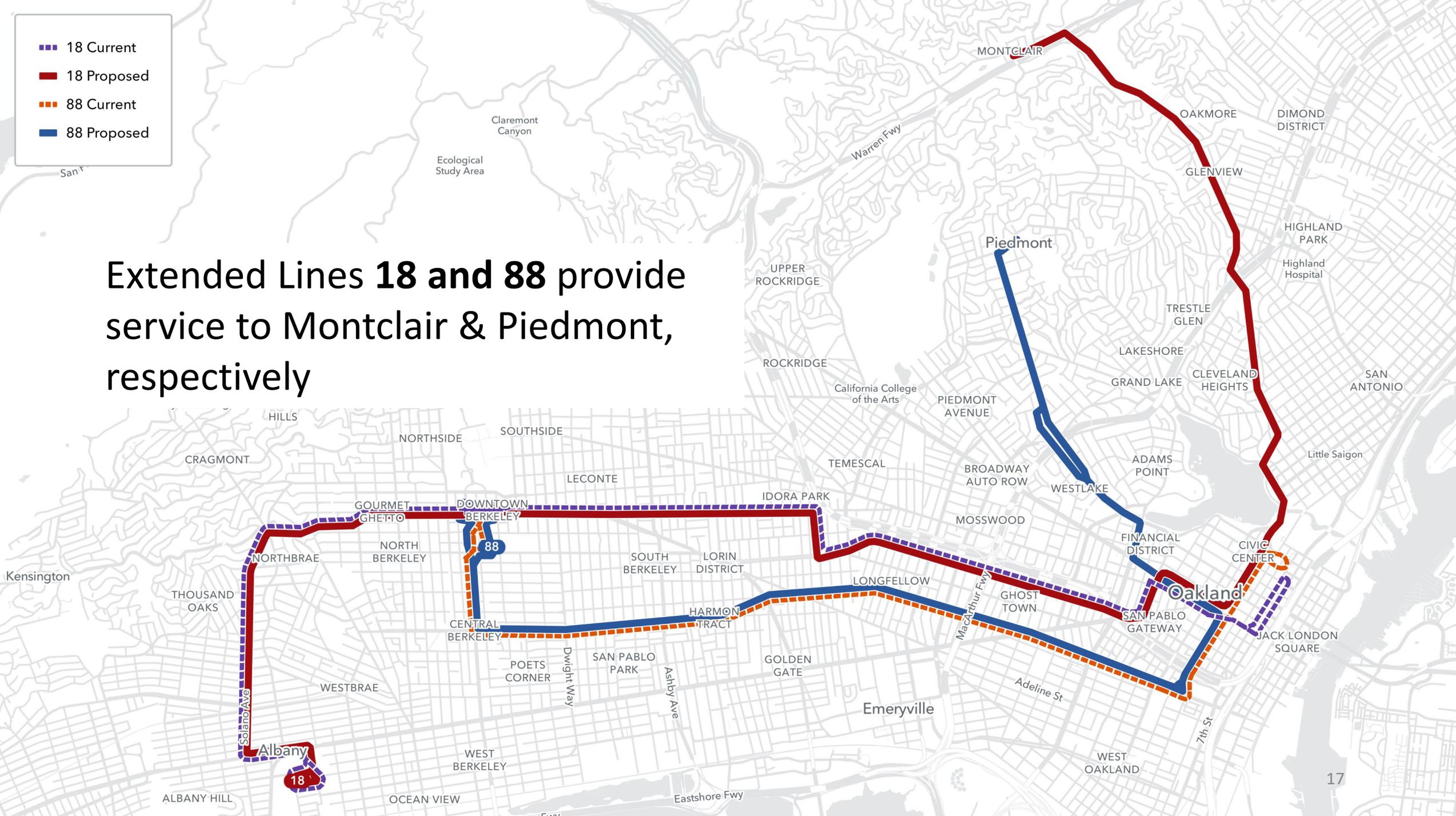


2000 ft

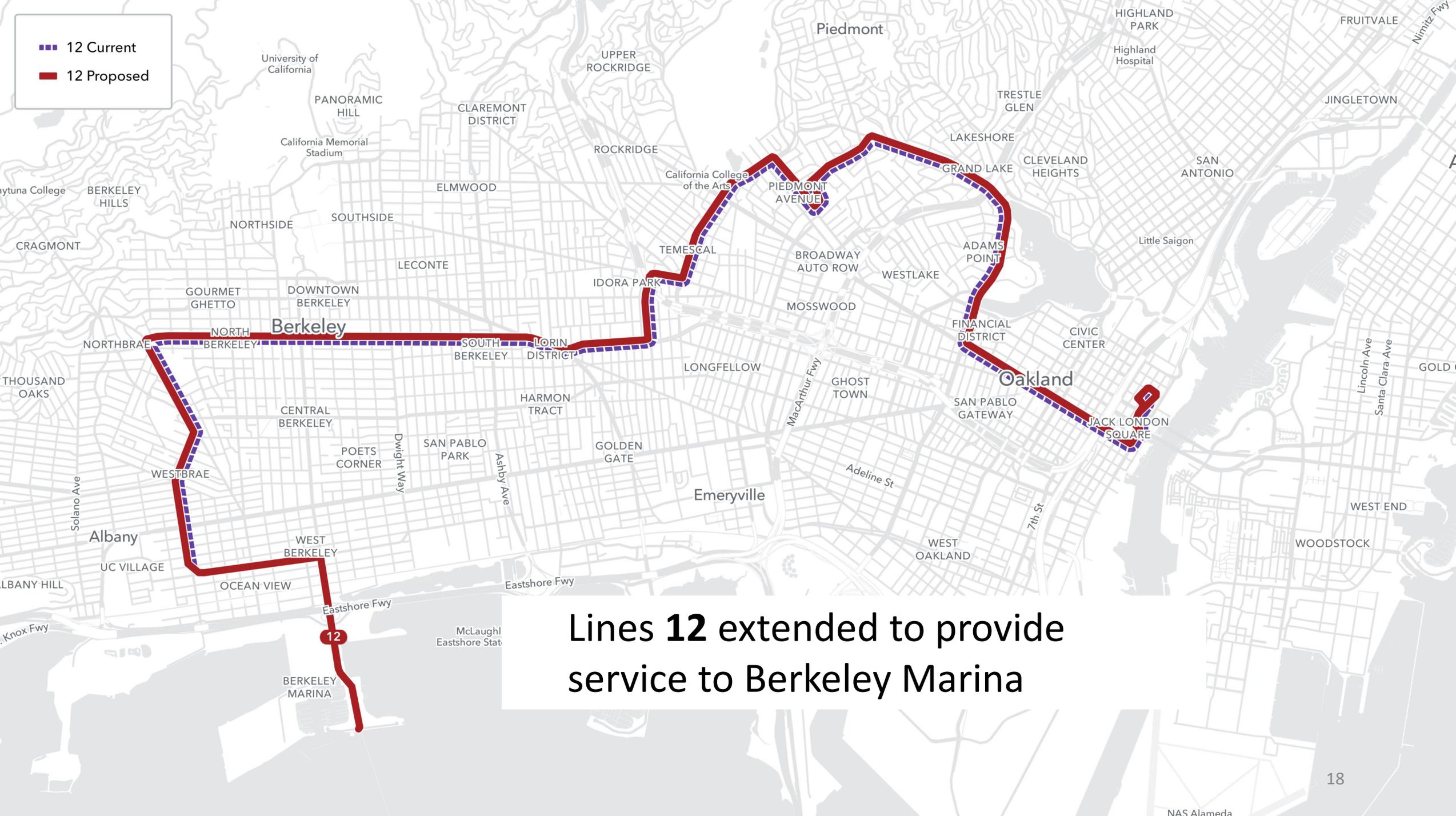


- 18 Current
- 18 Proposed
- 88 Current
- 88 Proposed

Extended Lines **18** and **88** provide service to Montclair & Piedmont, respectively

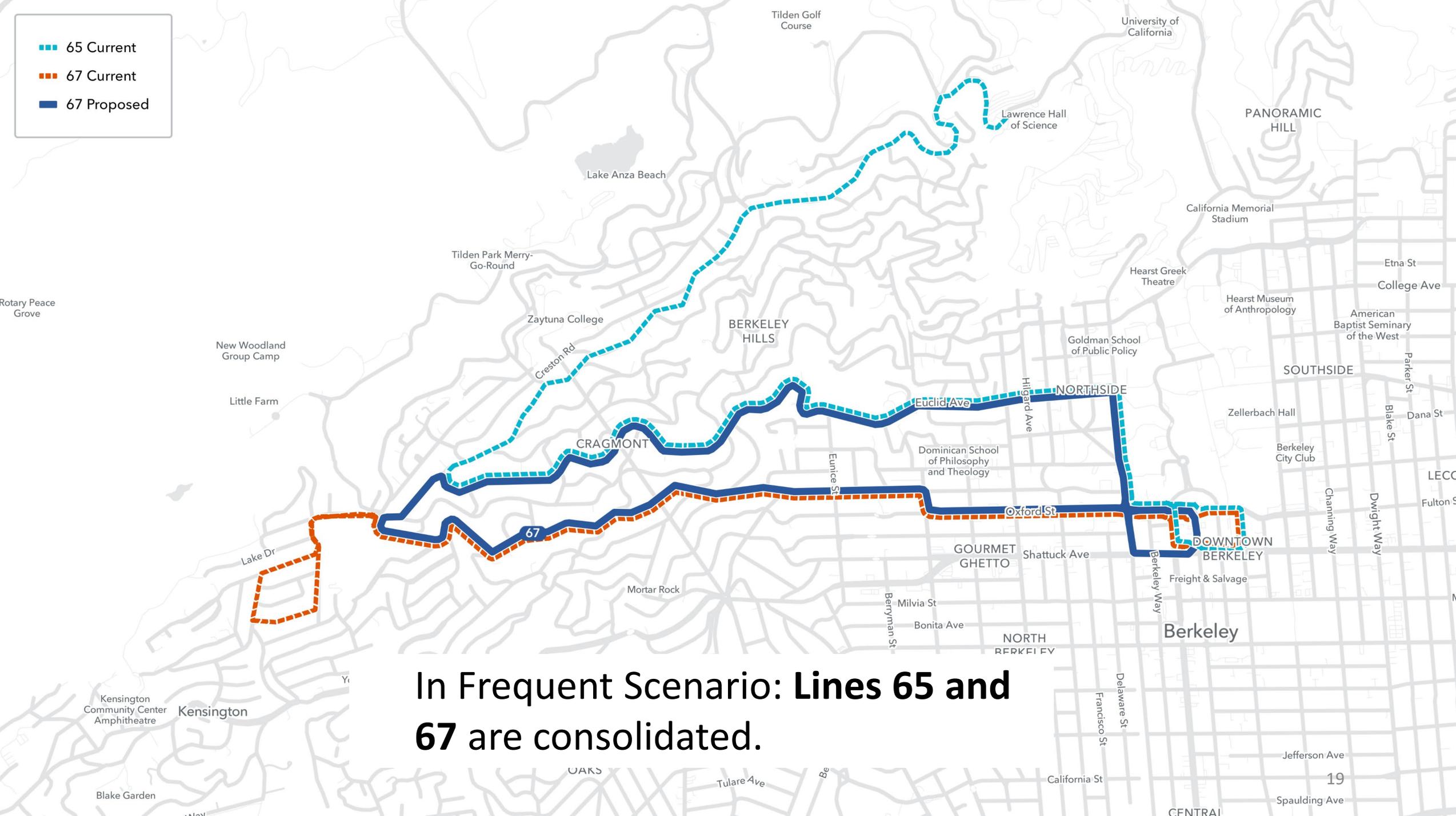


- 12 Current
- 12 Proposed



Lines **12** extended to provide service to Berkeley Marina

- - - 65 Current
- - - 67 Current
- 67 Proposed



In Frequent Scenario: **Lines 65 and 67** are consolidated.

# Key Tradeoffs

## Balanced Scenario:

- Existing lines will be longer to free up resources for new service
  - 6, 12, 18, 29, 36, 51, 88
- Added service on Alcatraz
- Continual service from UC to Oakland on 6 and 51
- 72R discontinued, replaced by more frequent 72/72M with fewer stops

## Frequent Scenario

- Coverage in Berkeley Hills reduced to improve frequency on high-ridership lines

# System-wide Summary

	Existing Network	Balanced Coverage Scenario	Frequent Service Scenario	Unconstrained Vision Scenario
10 minutes or less	2 routes	3 routes	4 routes	20 routes
10 - 15 minutes	9 routes	8 routes	10 routes	17 routes
15 – 30 minutes	28 routes	34 routes	39 routes	26 routes
Over 30 minutes	23 routes	14 routes	0 routes	0 routes
<b>Total</b>	<b>62 routes</b>	<b>59 routes</b>	<b>53 routes</b>	<b>63 routes</b>



# Public Engagement: Phase 3

November 1 – December 13, 2023

Shape the  
future of  
AC Transit's  
bus  
network

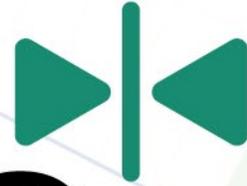
Review and comment on  
bus service proposals  
online, in person, or at a  
local library.

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# Realign



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