



**SFMTA**  
Municipal  
Transportation  
Agency



# Transit Effectiveness Project

March 20, 2014

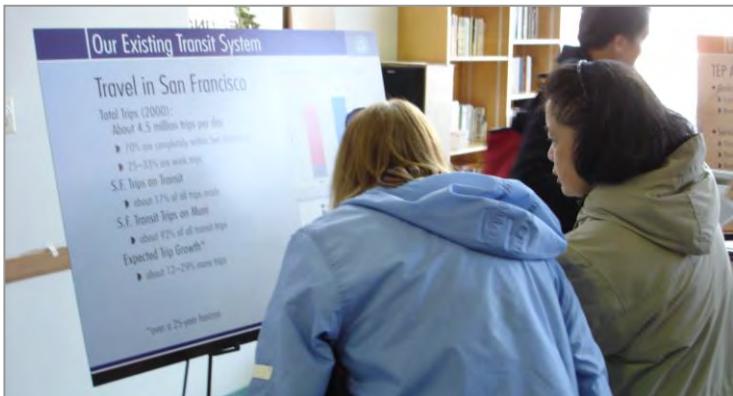
SFMTA Citizens' Advisory Council

# Upcoming TEP Milestones

- Possible FEIR certification by Planning Commission March 27
- Possible SFMTA Board of Directors action March 28 at 8 am:
  - Approve project and CEQA findings
  - Legislate majority of the route changes
  - Legislate parking and traffic changes associated with the fast track capital projects
- Outreach on transit priority projects ongoing based on capital delivery timeline

# Stakeholder Outreach

- Since the beginning of the TEP, the SFMTA has obtained an unprecedented amount of data and feedback
- The TEP process has involved extensive staff input, CBO outreach, customer engagement, targeted stop and merchant canvassing, and partnering with other key agencies
- TEP proposals have been shaped through more than 100+ community meetings throughout the City





- Beginning in January 2014, SFMTA initiated its latest round of TEP neighborhood meetings, focused on Muni network and route changes
- Hundreds of residents provided feedback at more than 15 public meetings and through the online tool at [www.TellMuni.com](http://www.TellMuni.com)
- Includes a workshop at every operator division to get employee input

# Key Elements of the TEP

- **Policy Framework** including Rapid Network
- **Service and Route Changes**: Increase service up to 10% and restructure routes to better reflect current travel patterns
- **Capital Investments**: Improve reliability and reduce travel time on key corridors by up to 20% through transit priority capital projects.

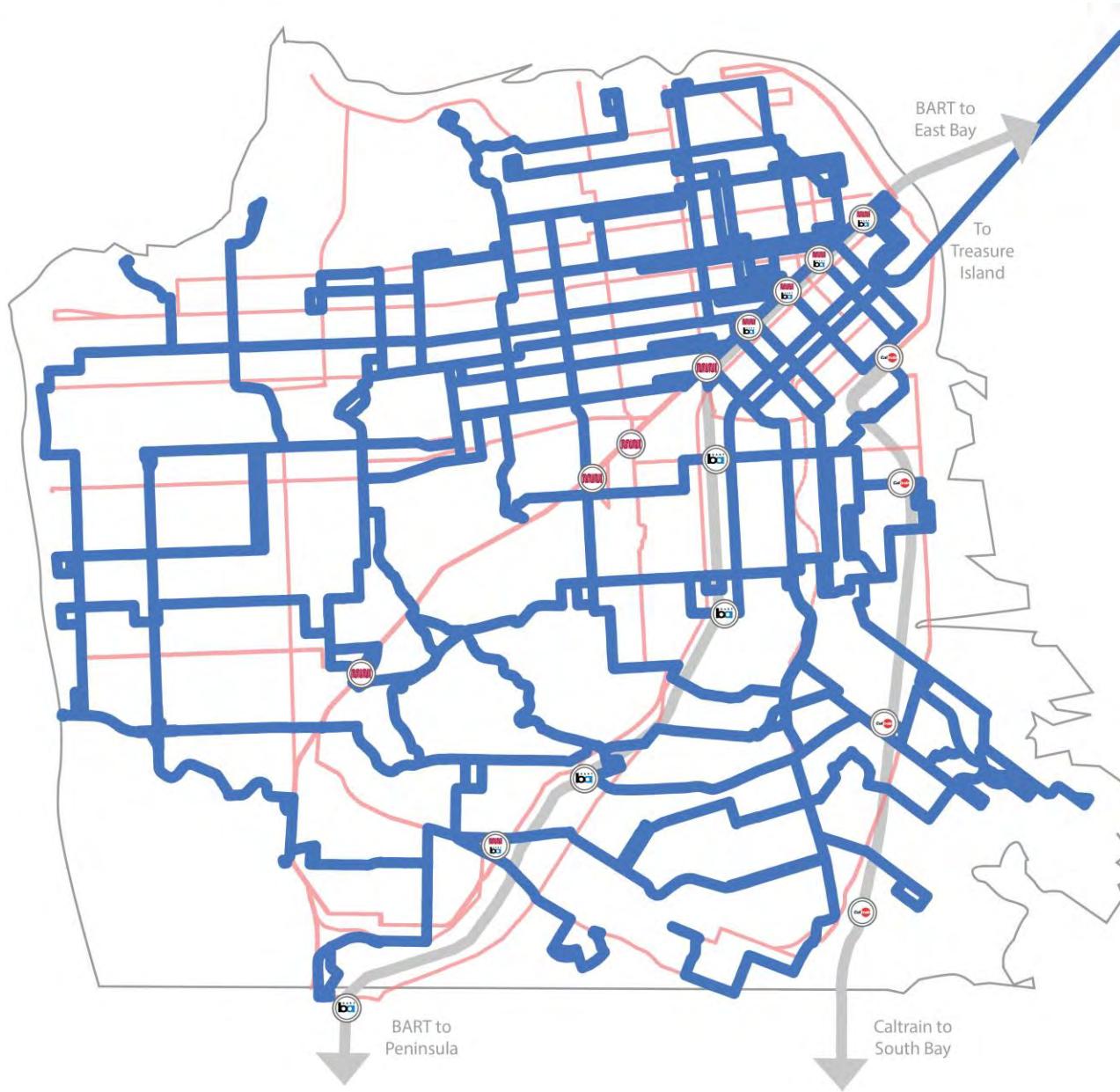
# Service Policy Framework

- All residential areas within  $\frac{1}{4}$  mile of transit service
- TEP maintains access 18 hours per day while focusing investments on highest ridership corridors
  - 24 Hour system with Owl service every 30 min
- Defines four major categories of service: Rapid, Grid (Local), Connector (Community) and Specialized
- Stop spacing between  $\frac{1}{8}$  and  $\frac{1}{4}$  mile with closer stop spacing based on grades, key land uses, etc.
  - 97% of stops remain in TEP proposals

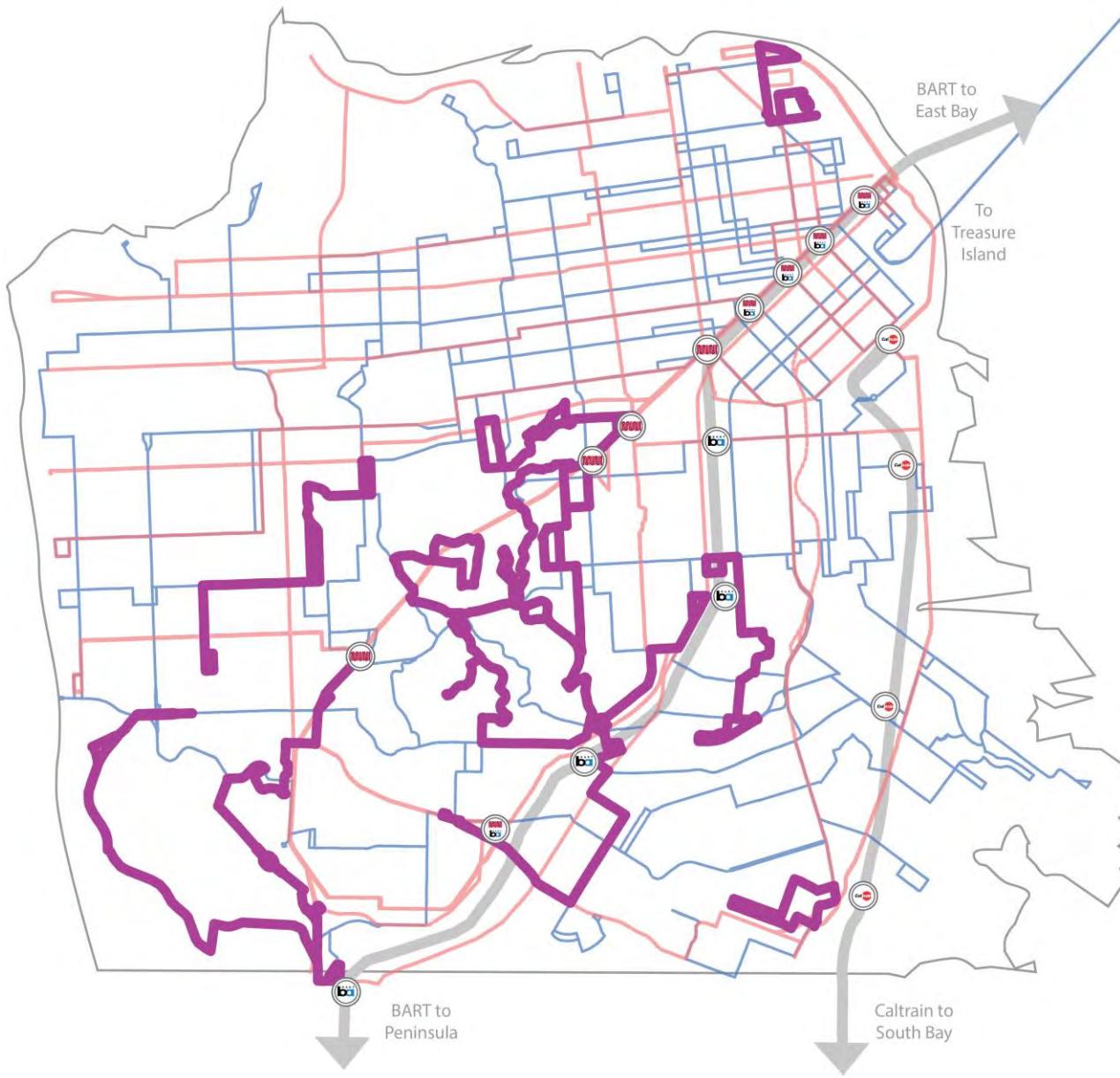
# Rapid Network



# Grid Network



# Community Network



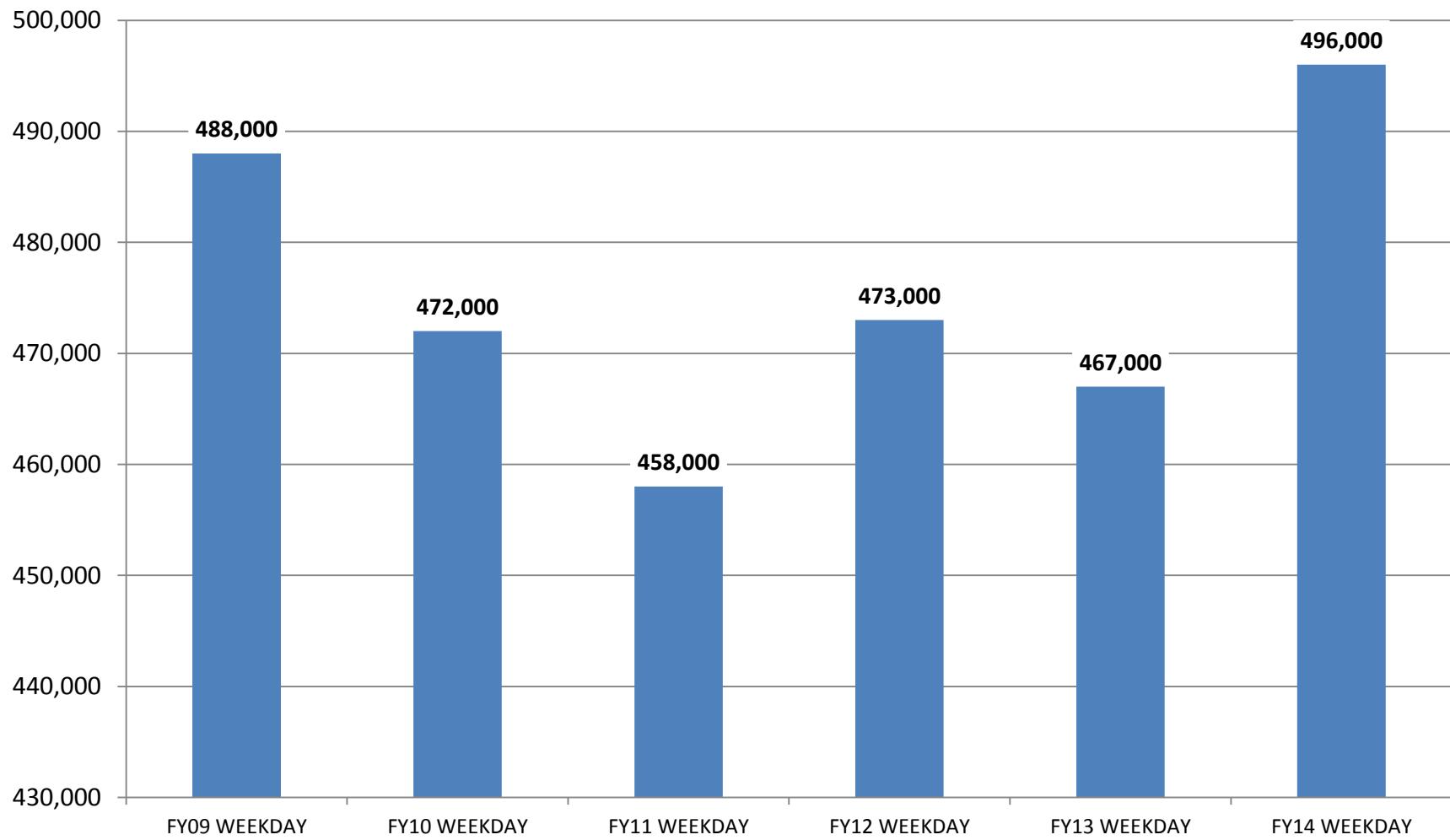
# Service Changes

- Increase overall transit service by 10%
- Redesign routes to streamline travel and improve efficiency
- Enhance neighborhood connections
- Increase frequency on popular routes
- Reduce crowding
- Modify or discontinue low-ridership routes/segments
- Expand limited-stop service

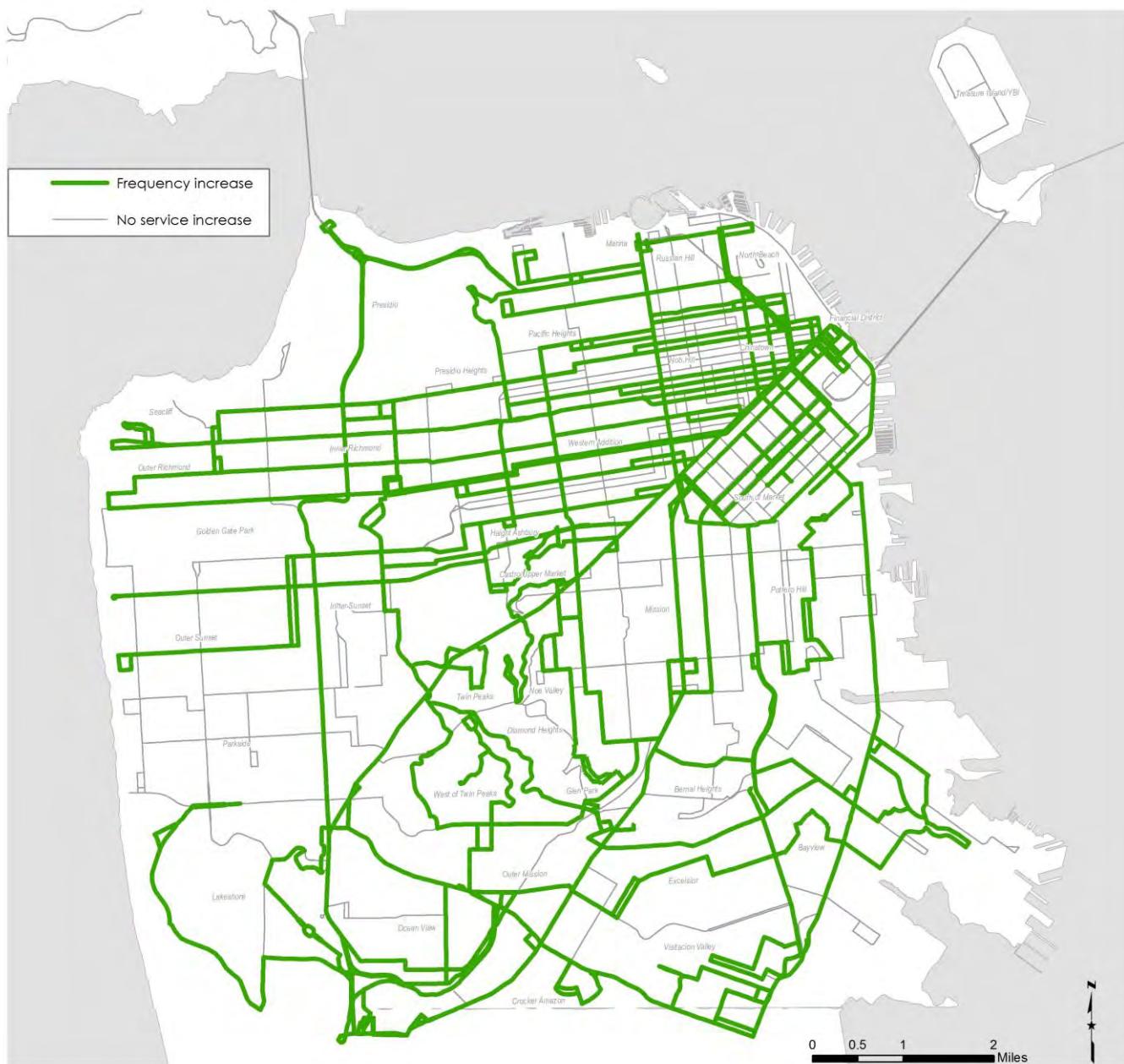


# Bus Ridership at 5 Year High

**January Average Weekday Bus Ridership  
FY 09 to FY 14**



# Frequency Improvements Recommended by TEP



# Service Proposals

ON HOLD to allow time for additional community outreach

- 19/48/58 restructuring
- 19 Polk rerouting in the Tenderloin/Little Saigon neighborhood
- 23 Monterey segment elimination near Produce District
- 49 conversion to 49L limited-stop route
- 54 Felton route restructuring

# Service Proposals

## New Route

- E Embarcadero
- 11 Downtown Connector

## Expanded Hours of Operation

- 2 Clement between  
Downtown and Presidio
- 10 Townsend

## Expanded Limited-Stop Service

- 5L Fulton Limited
- 14L Mission Limited expanded hours and all day service to Daly City BART (currently peak only)
- All day 28L 19<sup>th</sup> Avenue Limited
- 38L Geary Limited on Sundays
- All day 71L Haight-Noriega Lmt

# Service Proposals

## Route Elimination

- 12 Folsom (all segments covered)

## Route Modification (may include segment elimination and/or new segments)

- 2 Clement (includes electrification)
- 6 Parnassus
- 8X Bayshore Express (*revised proposal*)
- 10 Sansome
- 17 Parkmerced (*revised proposal*)
- 18 46<sup>th</sup> Avenue
- 22 Fillmore
- 27 Folsom (*revised proposal*)
- 28/28L 19<sup>th</sup> Avenue (*revised proposal*)
- 29 Sunset
- 33 Stanyan
- 35 Eureka (*revised proposal*)

## Route Modification (continued)

- 36 Teresita
- 43 Masonic (*revised proposal*)
- 47 Van Ness
- 48 Quintara-24<sup>th</sup> Street
- 52 Excelsior
- 56 Rutland

## Route Extension

- 14L Mission Limited to Daly City BART all day
- 16X Noriega Express to Financial District
- 28 19<sup>th</sup> Avenue to Van Ness/North Point
- 48 Quintara/24<sup>th</sup> Street to Ocean Beach all day

## Other

- New stop at Van Ness Avenue for 1AX/BX, 31AX/BX, 38AX/BX
- 76X Marin Headlands Express

# Service Proposals

## Frequency Increase Peaks

- 1 (PM), 2 (east of Presidio), 5/5L, 8X/AX/BX, 9/9L, 10, 14L, 14X, 17, 21, 22 (AM), 24, 28/28L, 29 (AM), 30 (AM), 30X, 31 (PM), 35 (AM), 36, 37 (PM), 38/38L, 41, 43, 44, 47, 54, 56, 71/71L, F (PM), J (AM), K, L (AM), M, N, T

## Frequency Increase Midday

- 2, 5, 8X (south of Broadway), 10, 17, 22, 28/28L, 35, 36, 38/38L, 52, 56, 71L

## Frequency Increase Evening

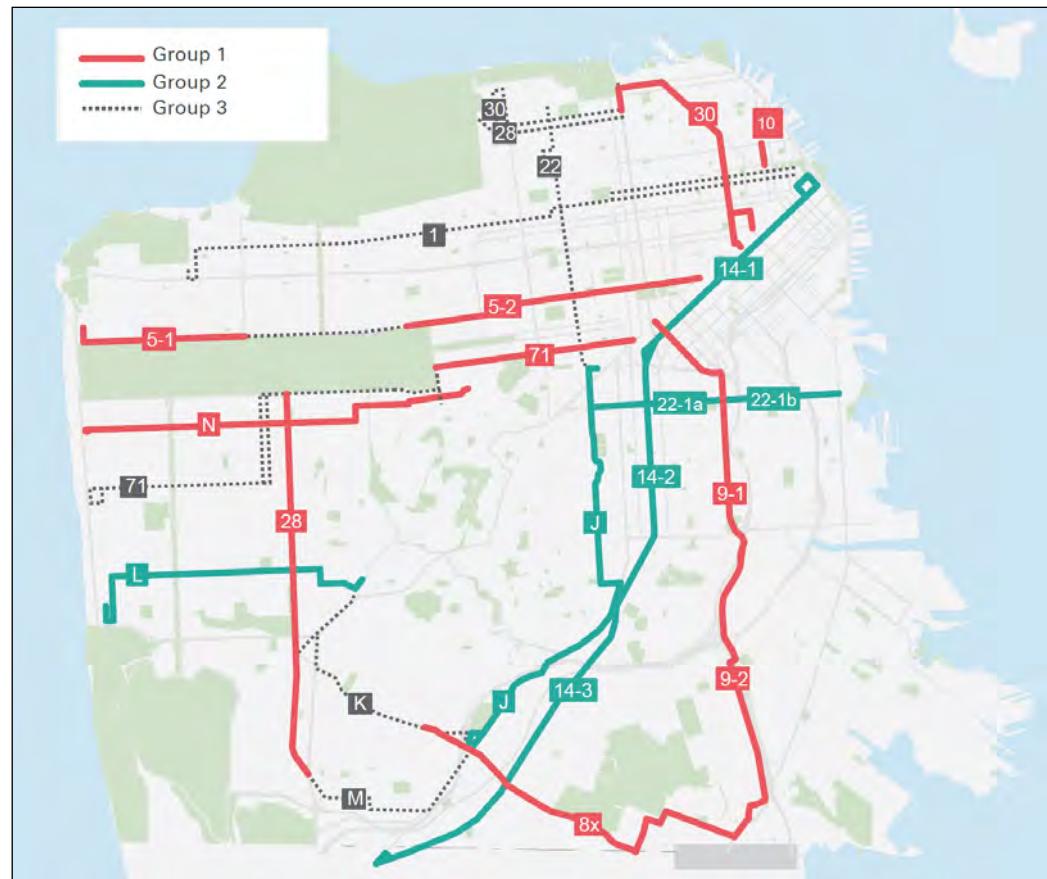
- 2 (east of Presidio), 8X (south of Broadway), 10, 14L, 17, 28, 29, 30, 38/38L, 44, 45, 54, 56, 71

## Frequency Decrease

- F (AM peak only with introduction of E line), 2 (west of Presidio during peaks), 3, 8X (midday north of Broadway), 48 (west of Diamond and east of Connecticut with introduction of 58 line)

# Capital Investments

- Reduce travel time on key corridors up to 20%
- Capital investments on 40 miles of the City's busiest routes to maximize benefits to overall system
- Reconfiguring the streets to be Transit First and improve pedestrian safety
- Move more people by reinvesting in service



# Transit Priority Toolkit

- Lane modifications
- Traffic signal and stop sign changes
- Transit stop changes
- Parking and turn restrictions
- Pedestrian improvements

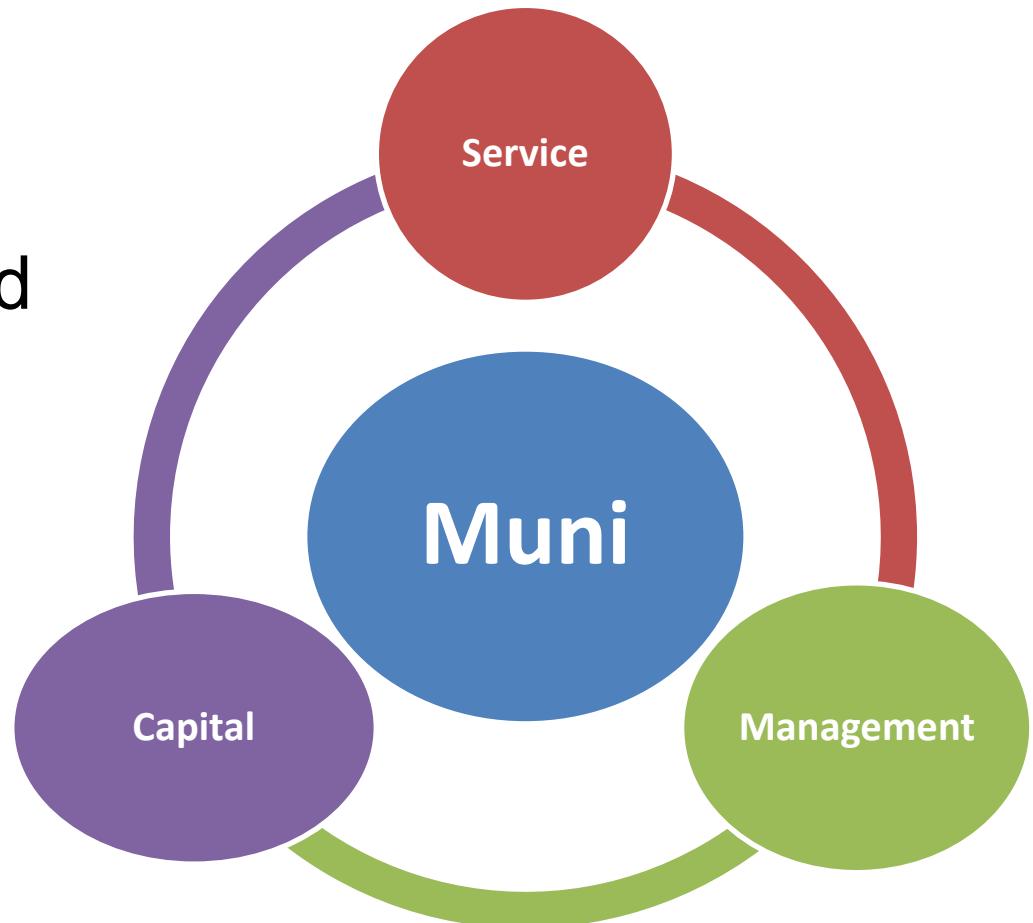


# Fast Track Capital Projects

- N Judah - Irving St between Arguello Blvd and 9th Ave: Four transit bulbs, three pedestrian bulbs, stop changes, and new signal
- N Judah - Judah Street at 28<sup>th</sup> Ave: Two wheelchair accessible platforms
- 5 Fulton - Fulton St between 46<sup>th</sup> and 25<sup>th</sup> Ave: 13 bus bulbs, two signals
- 5 Fulton - McAllister St at Fillmore St and at Divisadero St: Four bus bulbs, two right-turn pockets
- 9 San Bruno - Potrero Ave, from Division to Cesar Chavez: Streetscape project including dedicated transit lane, sidewalk widening and bulbs
- 14 Mission – Mission St at Silver Ave: Two bus bulbs and a left-turn pocket
- 30 Stockton - Columbus Ave between Powell and Stockton : Three transit bulbs
- 71 Haight-Noriega – Haight St between Fillmore and Lyon : Three pedestrian bulbs and four transit bulbs

# Implementation Approach

- Combine analysis, community input and best practices
- Learn from pilots
- Approach projects comprehensively



# Learning From Pilots

76X Marin  
Headlands  
Express



5L Fulton  
Limited

Church and  
Duboce Red  
Carpet



# 5/5L Pilot Service Proposal (30% increase in service hours)



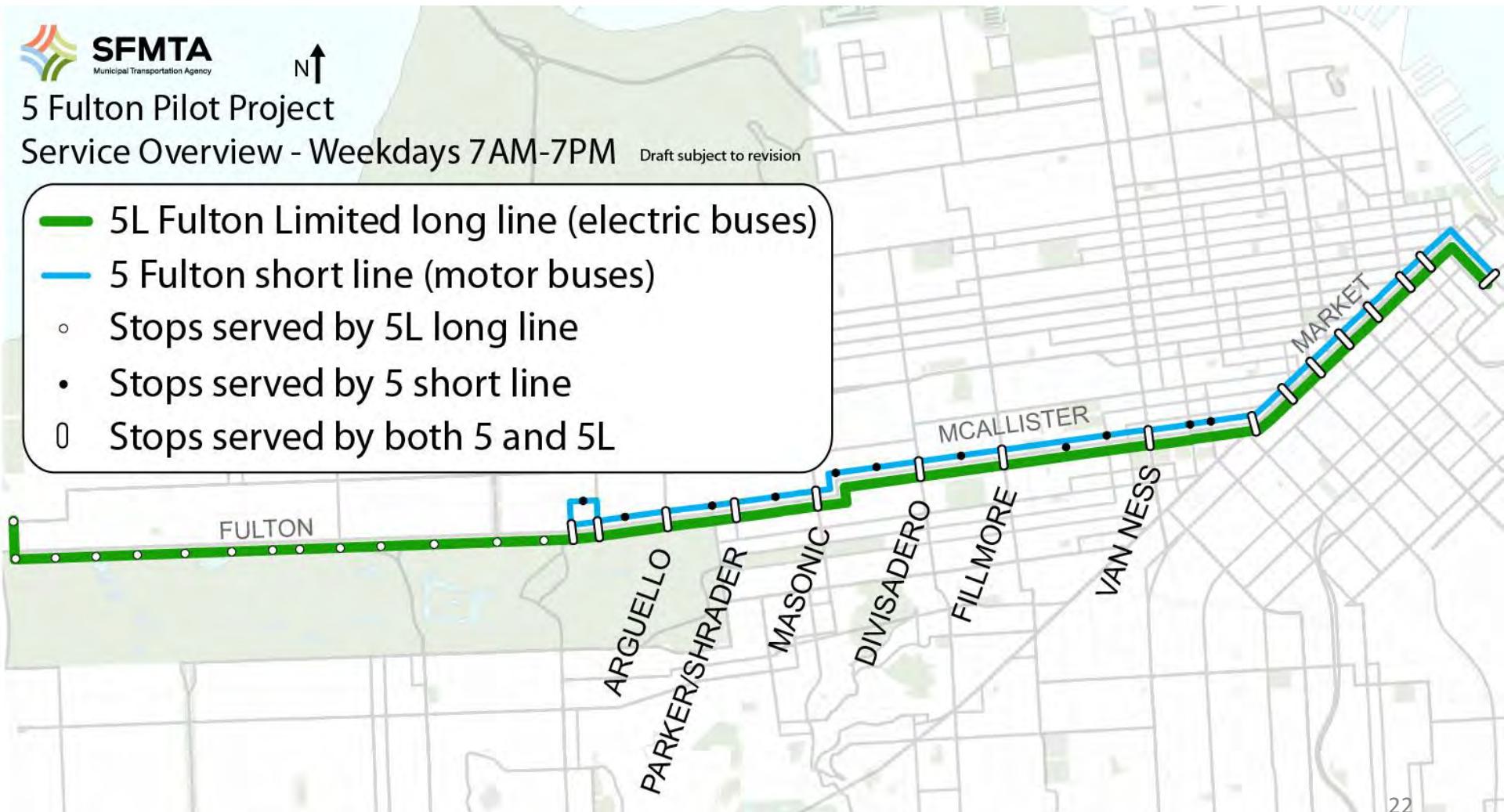
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5 Fulton Pilot Project

Service Overview - Weekdays 7AM-7PM

Draft subject to revision

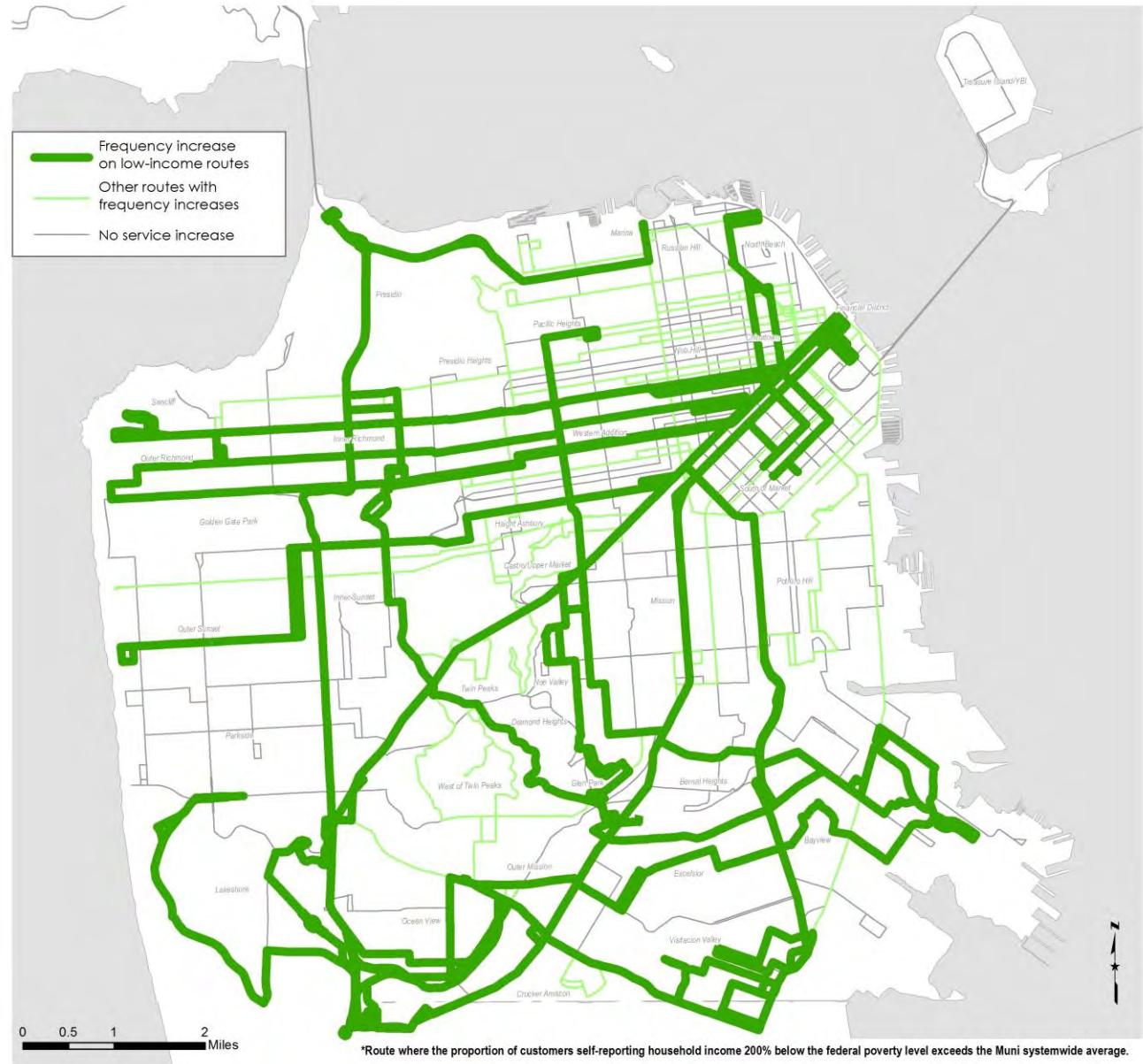
- 5L Fulton Limited long line (electric buses)
- 5 Fulton short line (motor buses)
  - Stops served by 5L long line
  - Stops served by 5 short line
  - Stops served by both 5 and 5L



# Balancing Benefits/Tradeoffs

- More frequent service, direct connections, less crowding
  - Benefits distributed citywide, emphasizing connections between neighborhoods
- Proposals focus on communities with the greatest needs
  - Over 60% of customers come from households with incomes below City's Average Median Income (~\$71K)
  - Over half of our customers do not have access to a vehicle
- Per Title VI analysis
  - More than half of all frequency and travel time benefits directed to minority and low income routes
  - Service increases and reductions do not disproportionately impact minority or low income customers

# Low Income Routes with Service Increases



# Balancing Benefits/Tradeoffs

- Improved reliability and up to 20% travel time reduction
- Reduced transit collisions and enhanced pedestrian safety on high injury corridors identified by WalkFirst
- Tradeoffs minimized in transit priority investments:
  - 97% of stops retained; removals only considered on Rapid network
  - Alternatives developed where significant parking removal is proposed (e.g., Mission Street)

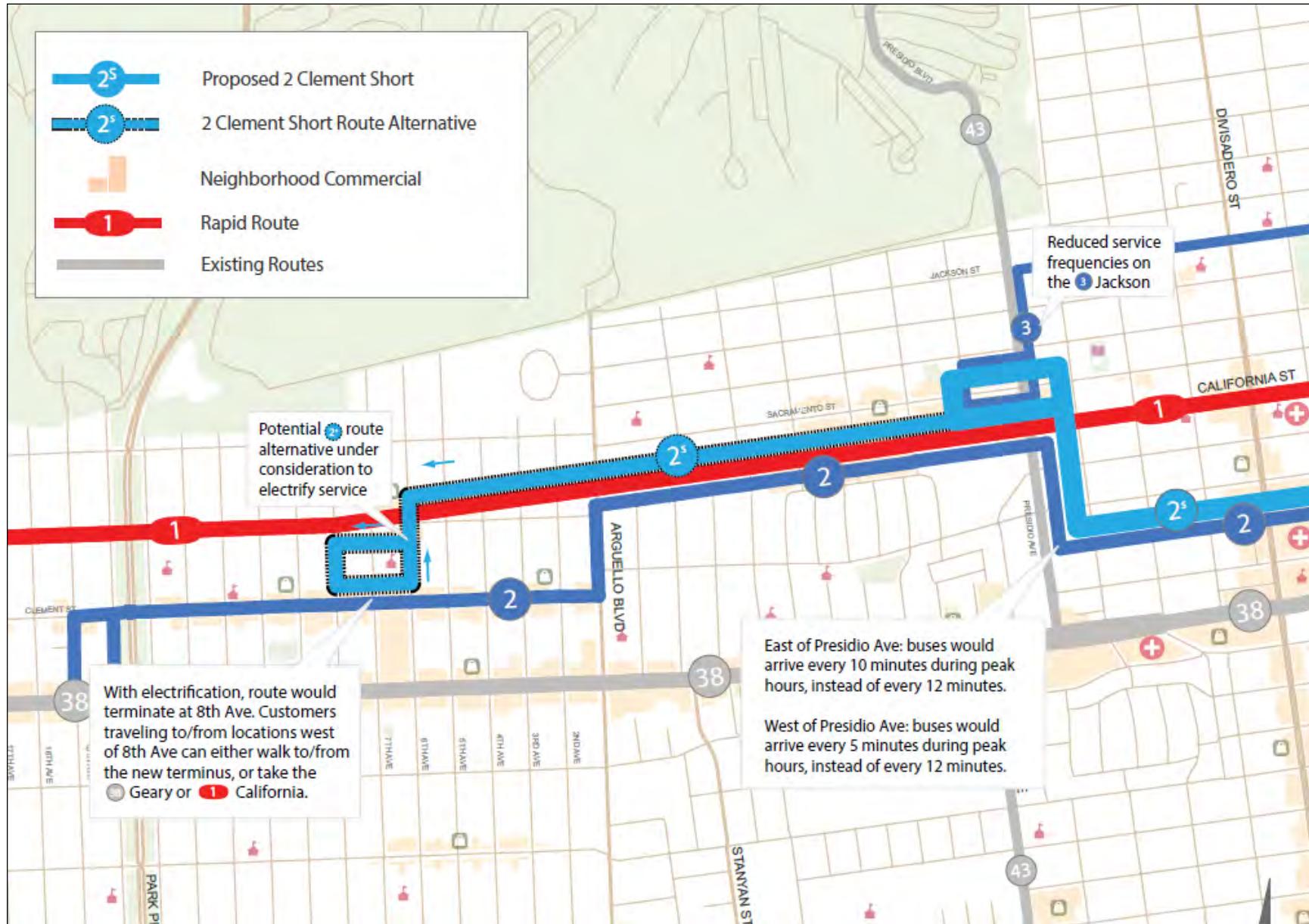
# TEP/Walk First Synergies



# **Stakeholder Feedback to be Reviewed with PAG**

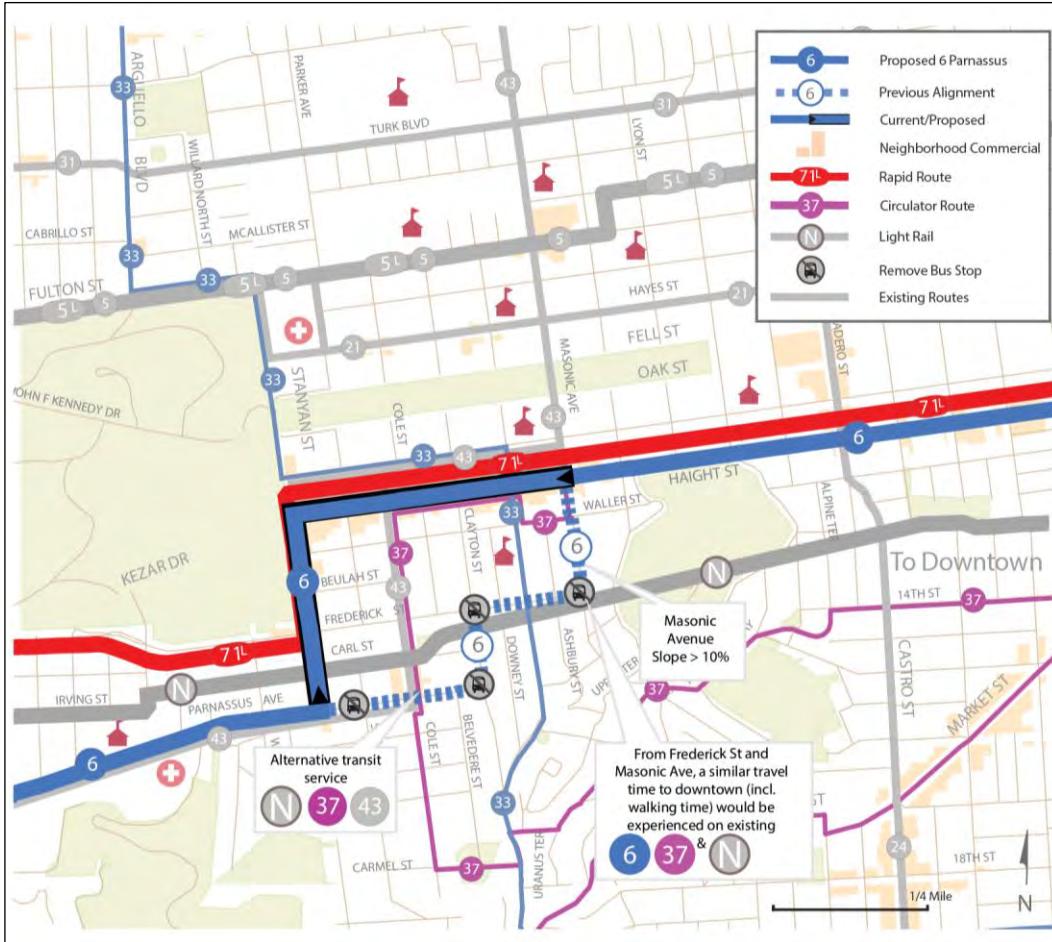
- 2 Clement
- 6 Parnassus
- 10 Townsend
- 22 Fillmore/  
33 Stanyan
- 27 Bryant  
(extension to Vallejo)
- 36 Teresita
- 47 Van Ness
- 48 Quintara/24<sup>th</sup> St
- 56 Rutland

# 2 Clement



# 6 Parnassus

## Initial Proposal



## Possible Revisions

- Reroute 37 or 43 to serve eliminated 6 Parnassus stops
- Do not modify Route 6, but increase 71L frequency and decrease 6 Parnassus frequency
- Do not modify Route 6, reintroduce 7 Haight

# 6 Parnassus/71L Haight-Noriega Limited

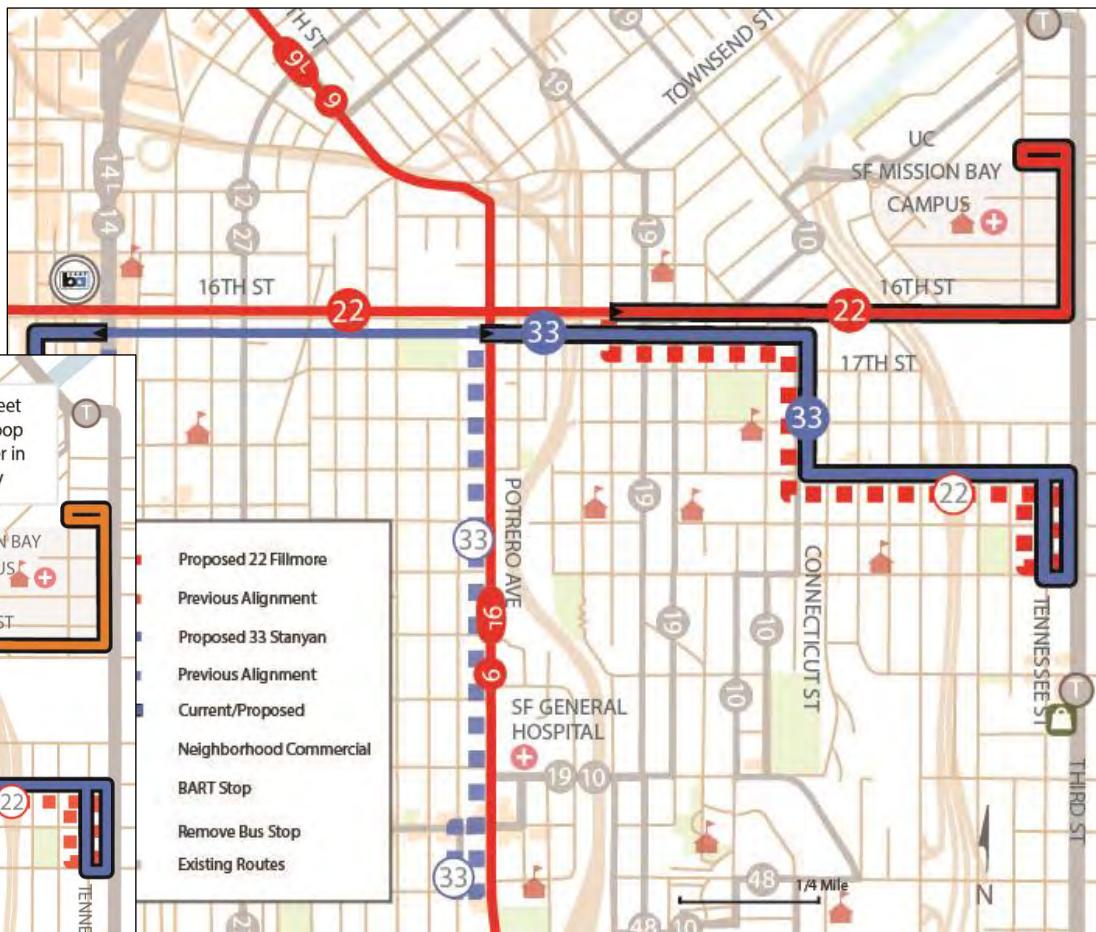
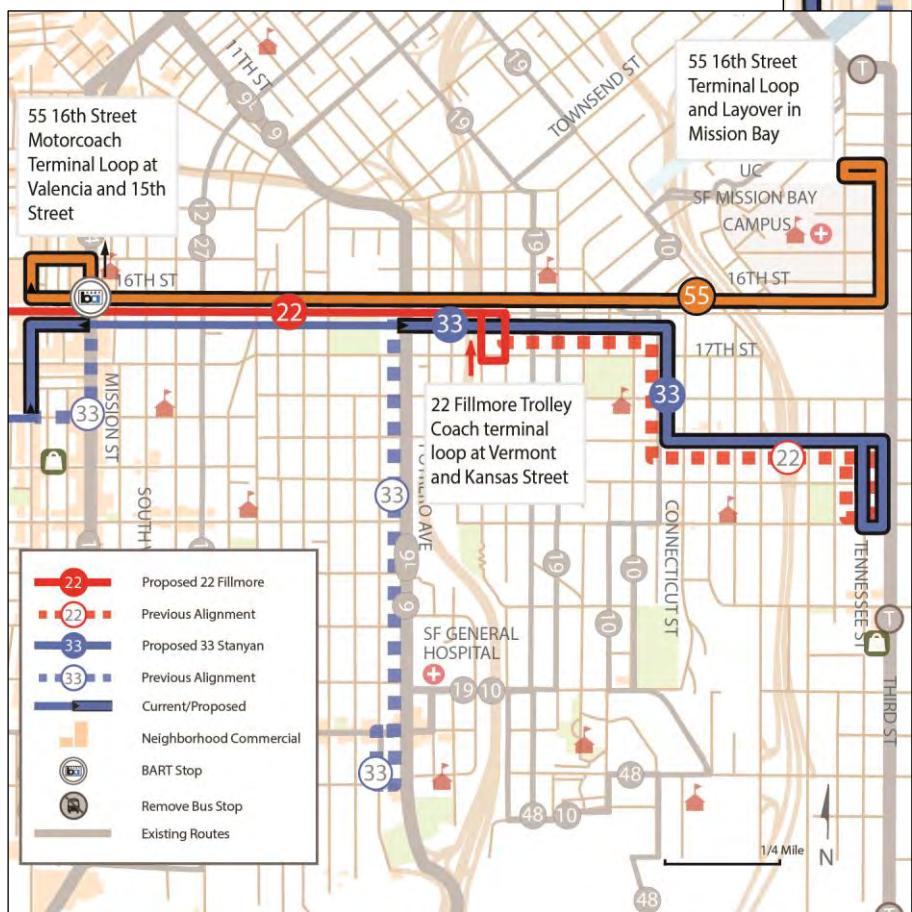


# 10 Townsend



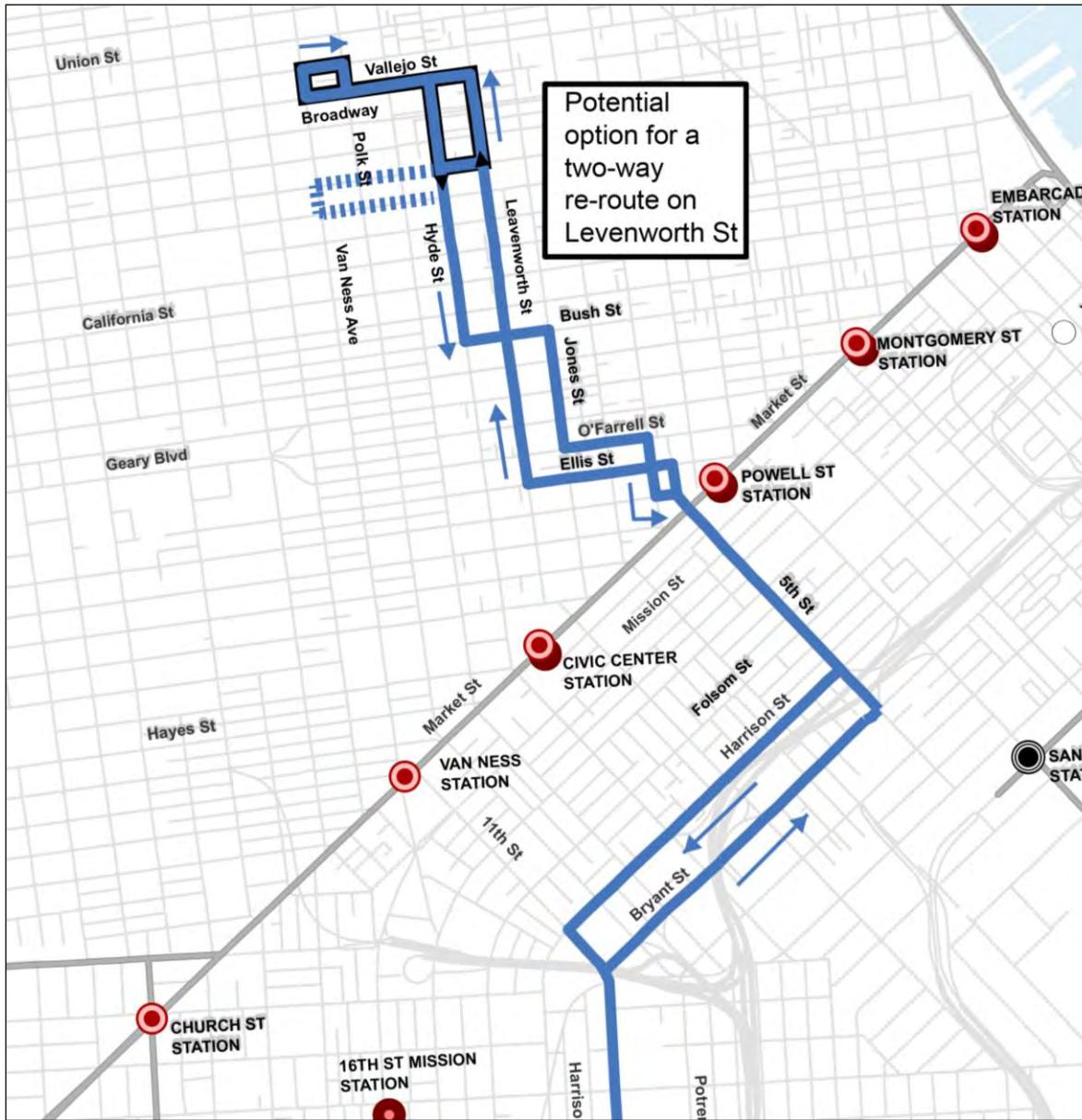
# 22 Fillmore and 33 Stanyan

## Interim Hybrid Bus Connection

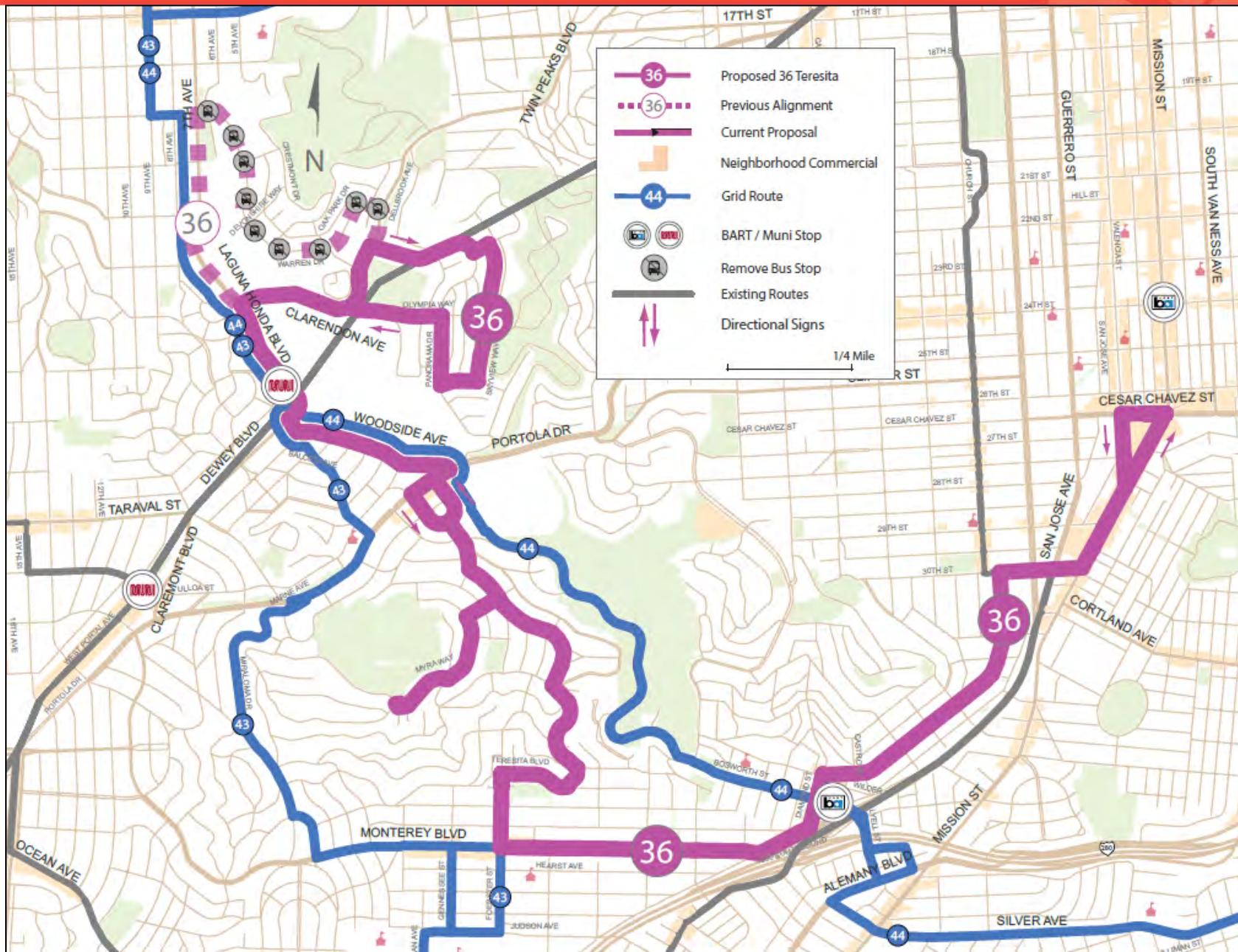


Permanent extension of  
22 Fillmore into Mission Bay

# 27 Bryant – Extension to Vallejo



# 36 Teresita

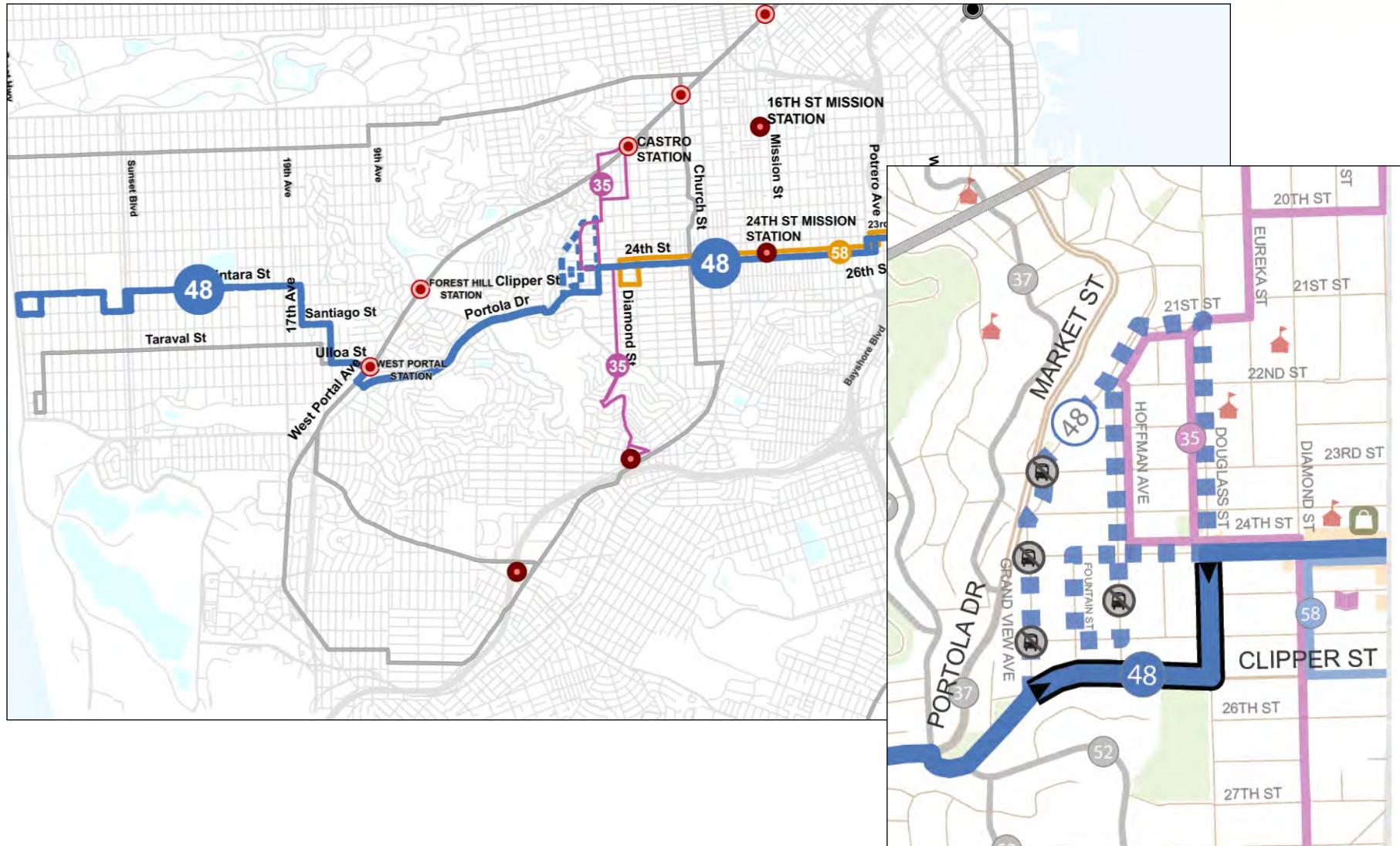


# 47 Van Ness

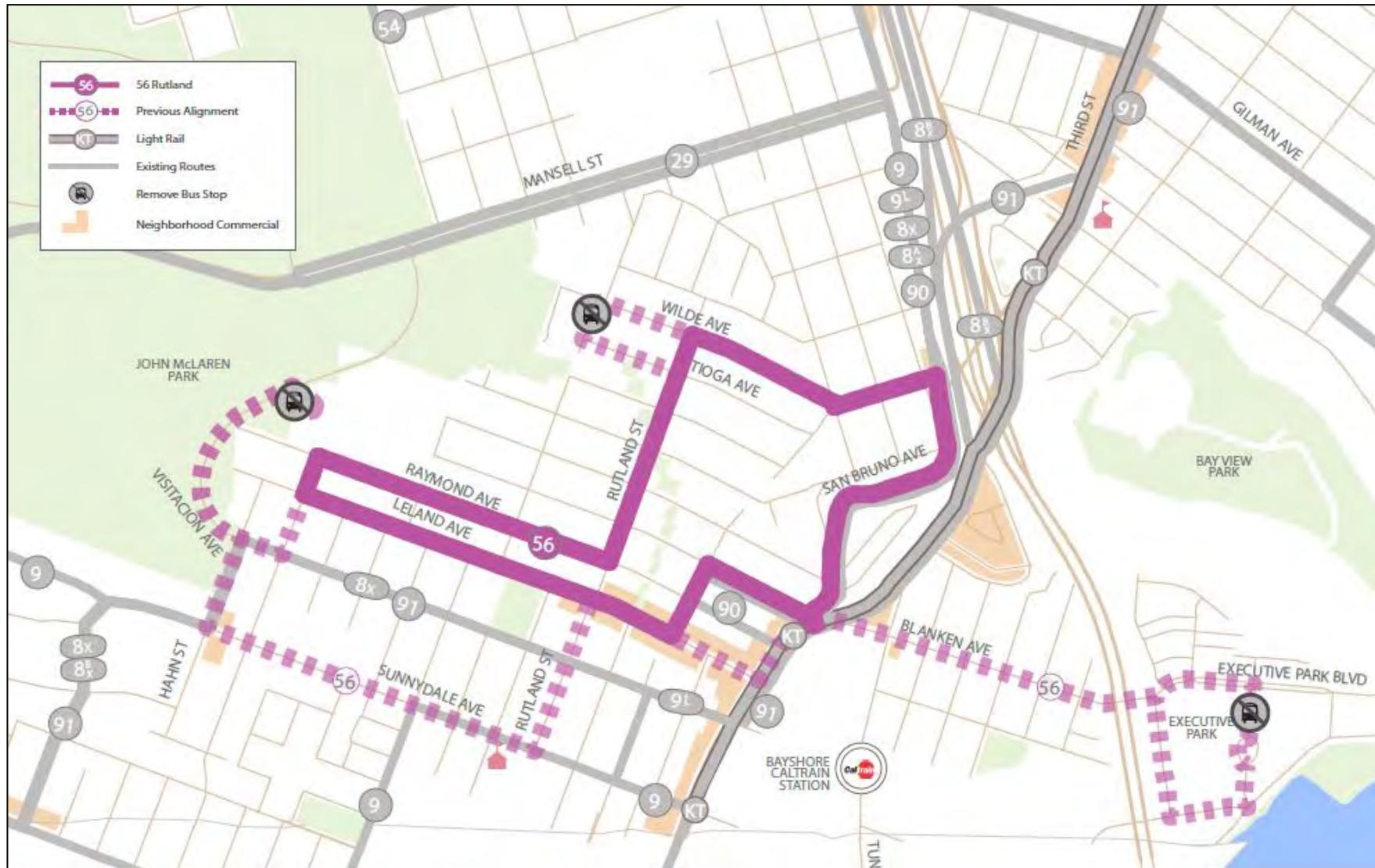


Based on community feedback  
and recent field work, staff  
recommend operating on  
11<sup>th</sup> Street instead of  
South Van Ness and Division

# 48 Quintara/24<sup>th</sup> St



# 56 Rutland



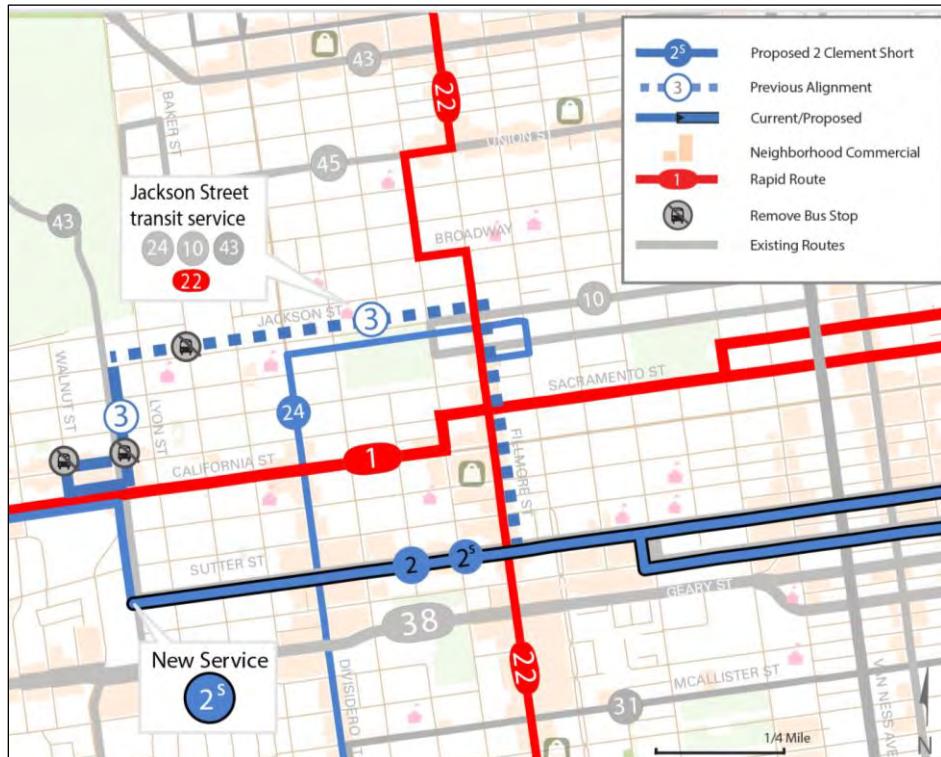


# Routes Modified based on Stakeholder Feedback

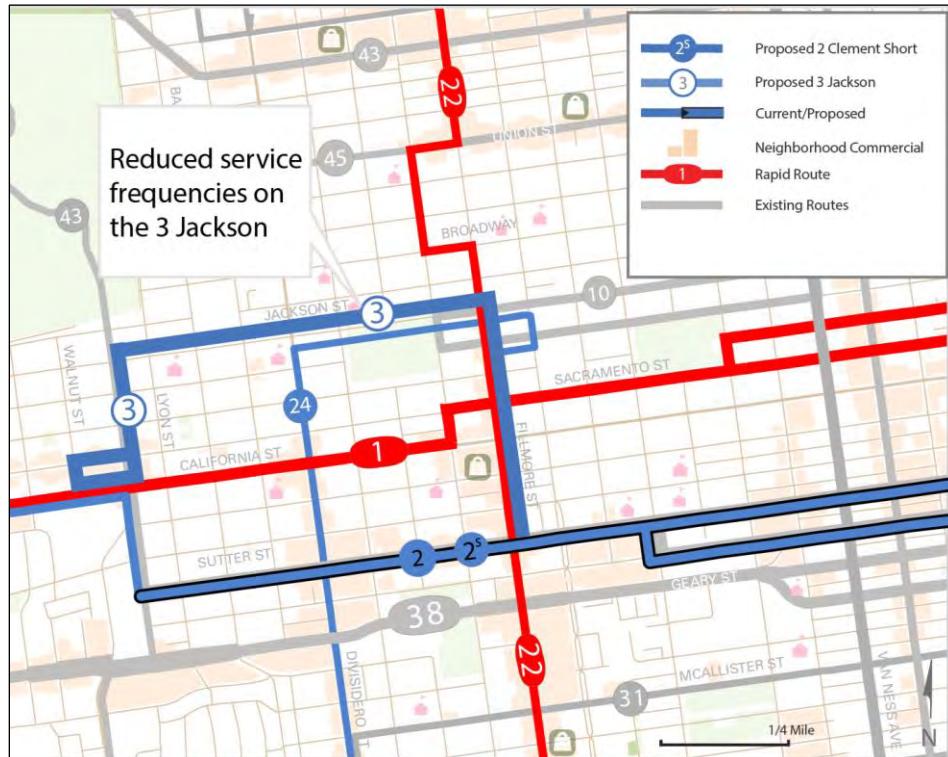
- 3 Jackson
- 8x Bayshore
- 17 Parkmerced/  
18 46<sup>th</sup> Avenue
- 27 Bryant (south of Market)
- 28/28L 19<sup>th</sup> Ave
- 35 Eureka
- 43 Masonic

# 3 Jackson

## Initial Proposal

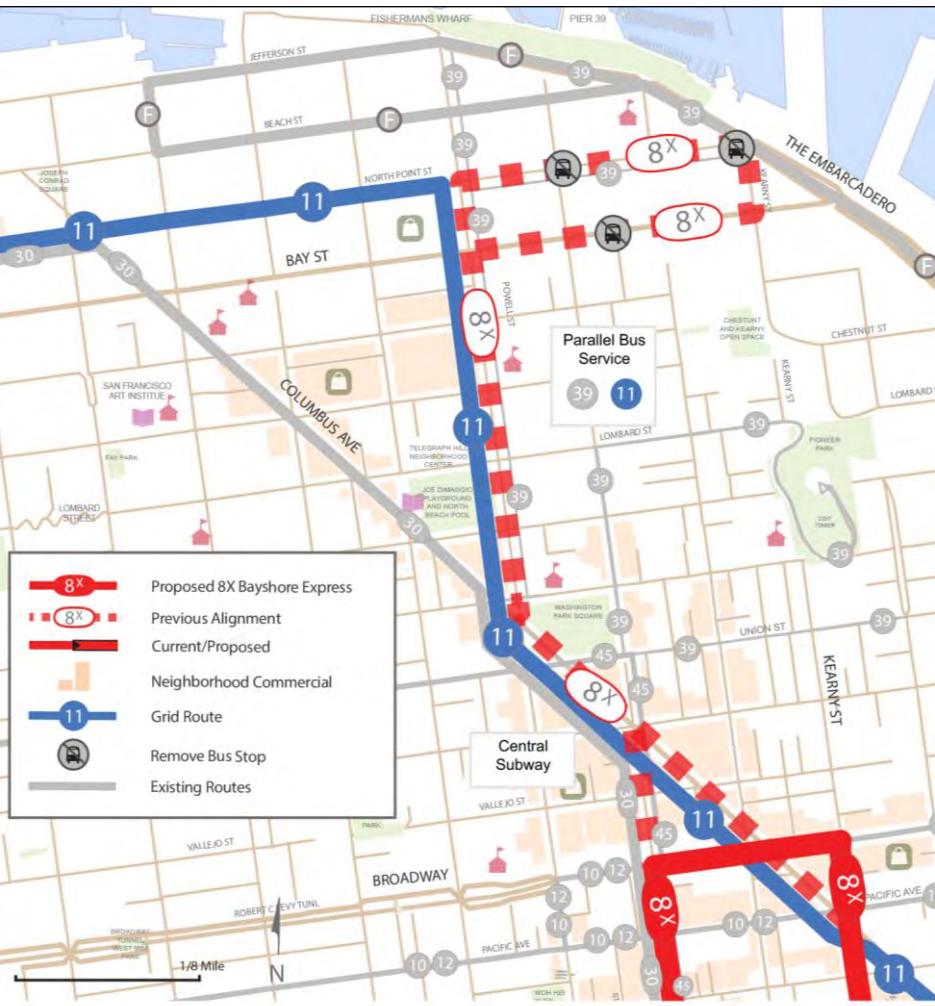


## Modified Proposal



# 8X Bayshore Express

## Initial Proposal



## Modified Proposal



# 17 Park Merced and 18 46<sup>th</sup> Street

## Initial Proposal

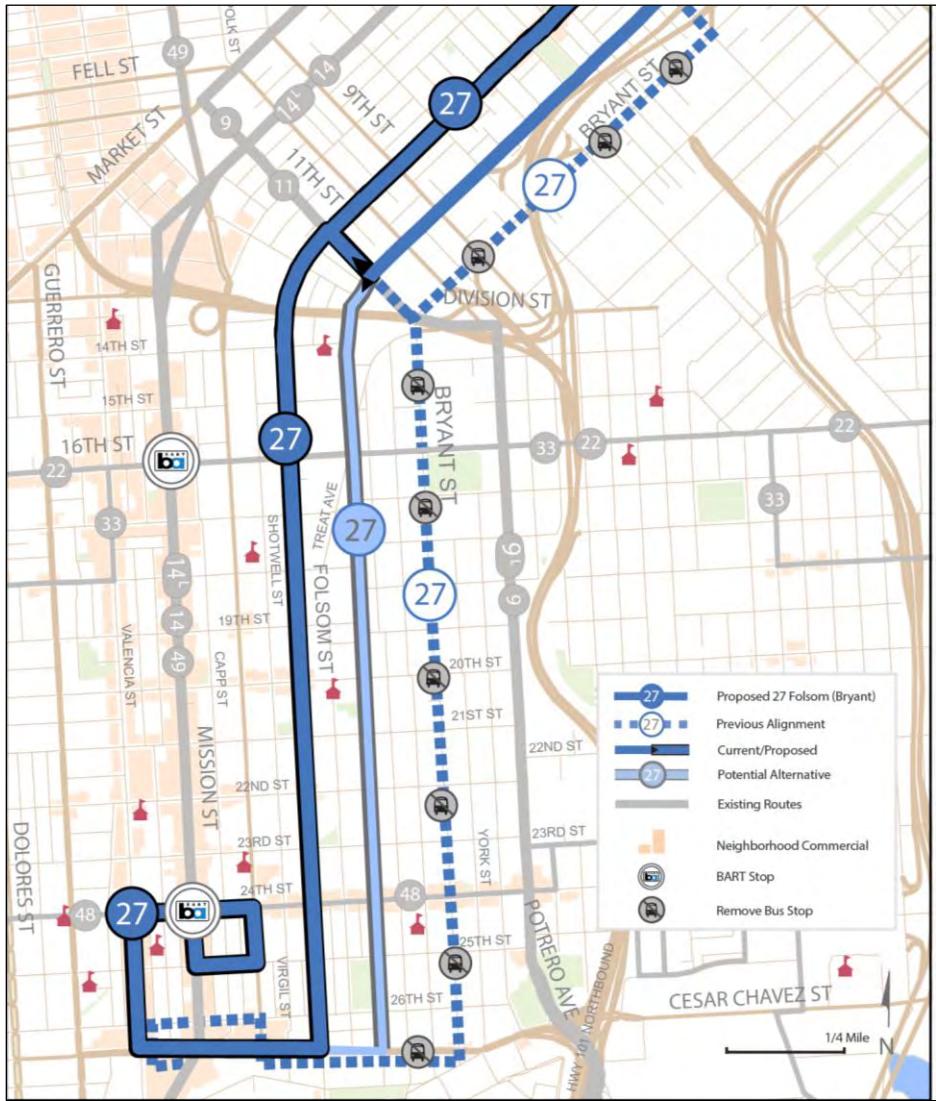


## Modified Proposal

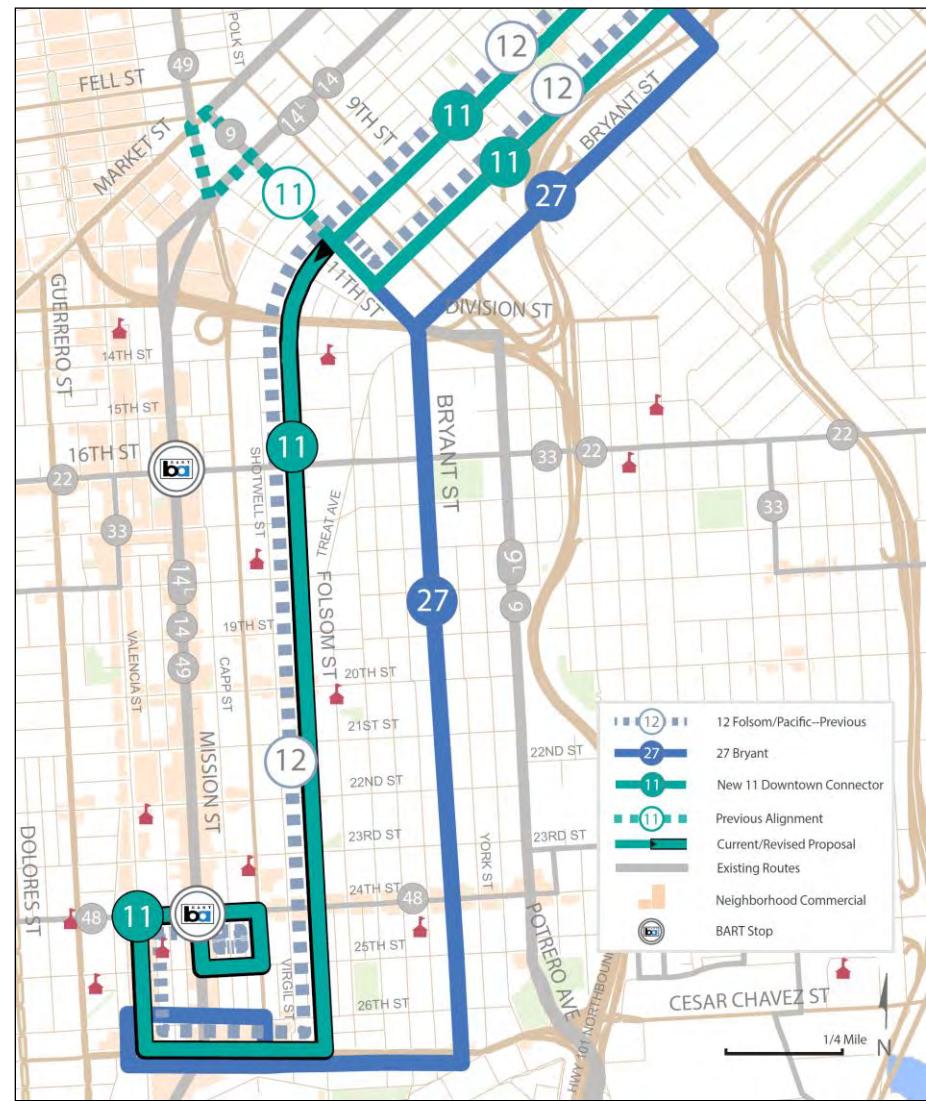


# 27 Bryant

## Initial Proposal

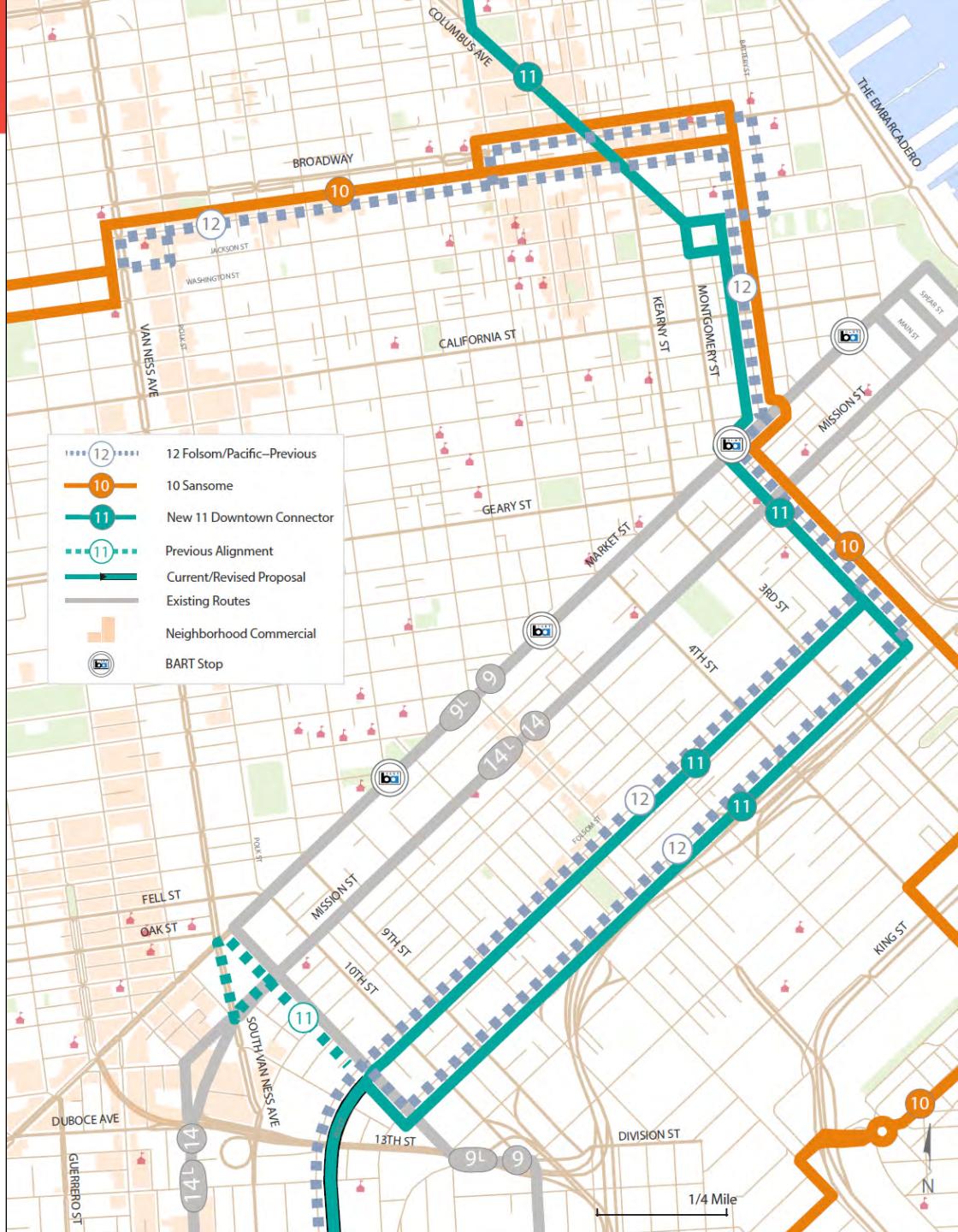


## Modified Proposal

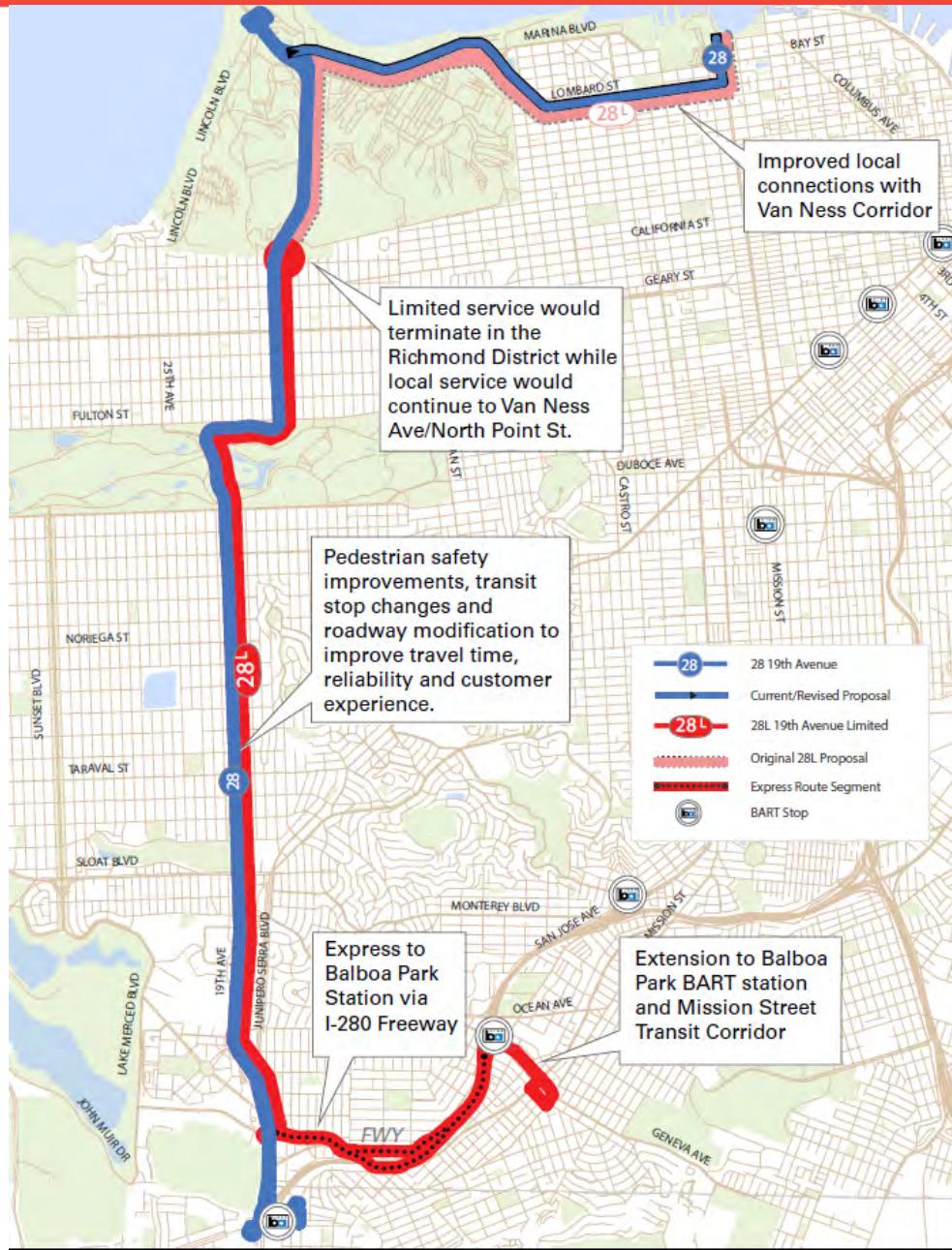


# 12 Folsom

12 Route  
would be  
eliminated with  
all segments  
covered by the  
10 Townsend  
and Revised 11  
Downtown  
Connector

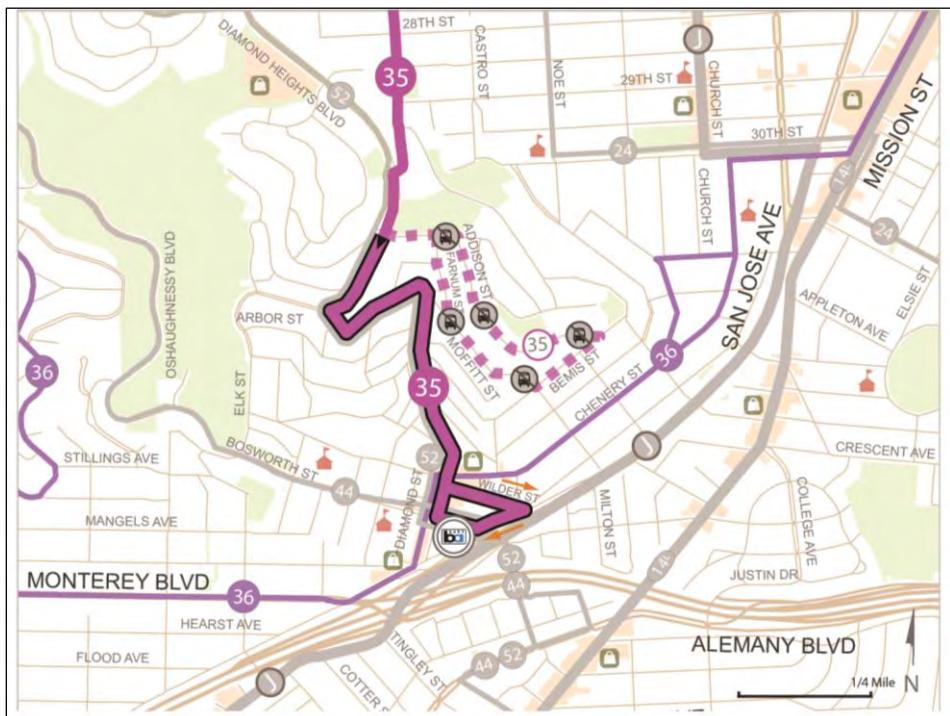


# 28/28L 19<sup>th</sup> Avenue Limited

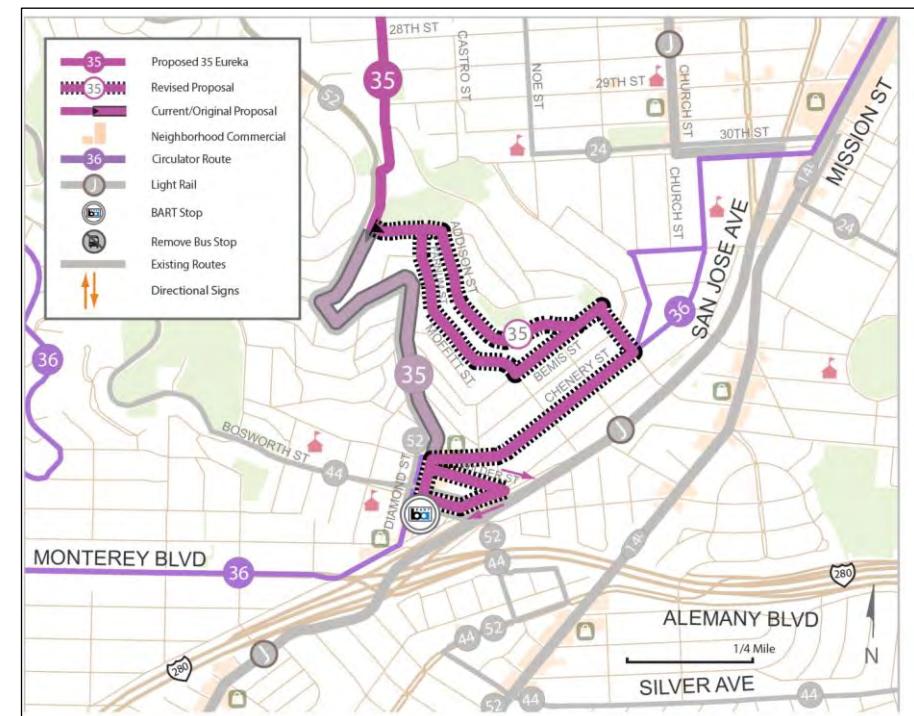


# 35 Eureka

## Initial Proposal



## Modified Proposal

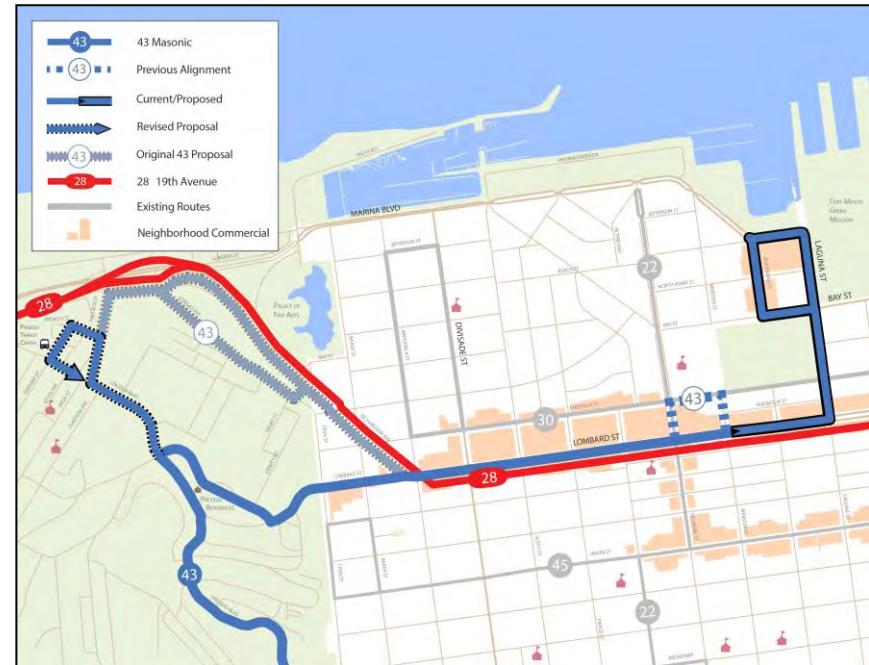


# 43 Masonic

## Initial Proposal

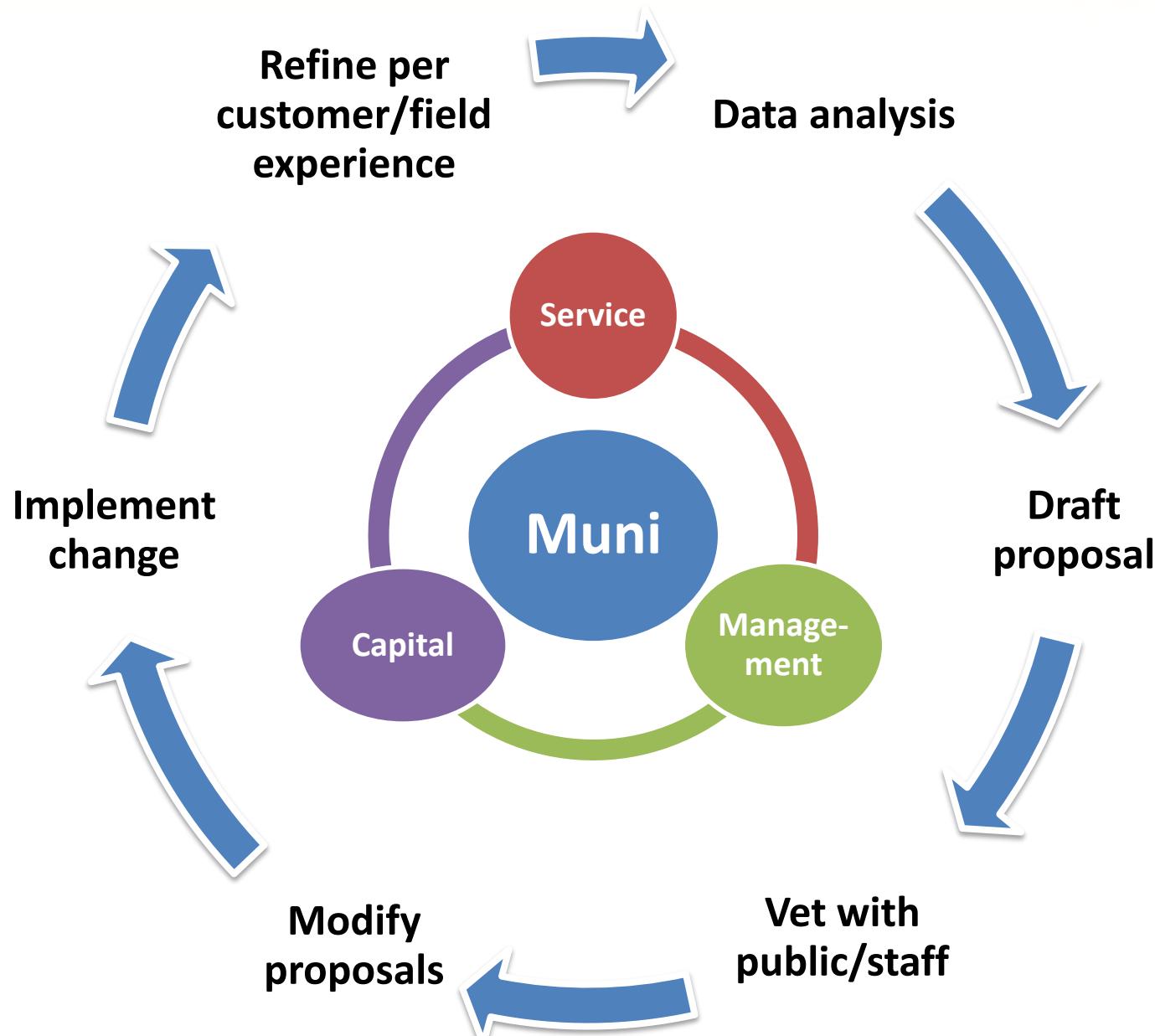


## Revised Proposal



Note: all existing stops would be served.

# Continuous Improvements



# Tell Us What You Think...

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tep@SFMTA.com  
or [www.tellmuni.com](http://www.tellmuni.com)

415.701.4599

*Call 311 for language assistance*