

# **Muni Service Equity Strategy**

FY2021 - FY2022

## **Equity Strategy Background**



**Rooted in Muni Service Equity Policy** 

**Builds on Title VI requirements** 

Neighborhood based approach with accessibility addressed city-wide

Policy developed in collaboration with transportation equity and affordable housing advocates

Ensures that investment in Muni system benefits people who rely on transit and need it most

Updated every two years and timed to inform the SFMTA's biennial budget

# Recommendations Informed by Quantitative Data



### Headway Adherence

% of trips with gaps



### **Crowding**

% of trips over capacity



### **On Time Performance**

Meeting the schedule



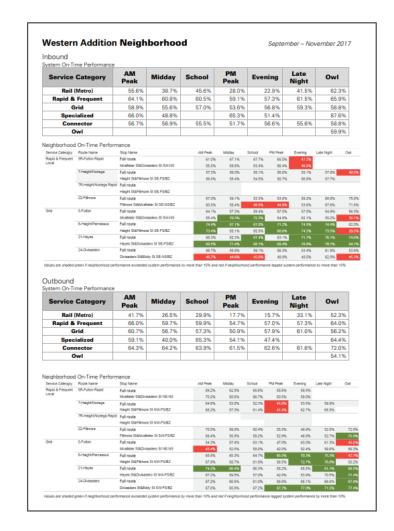
### **Transit-Auto Time Ratio**

to key destinations such as SFGH



### **NEW METRIC: Service Delivery**

% of scheduled service hours delivered



# Recommendations Informed by Qualitative Data





# Service Trends and Feedback Inform Equity Strategy

### **Customer Feedback**

New dashboard tailored to extract patterns of customer-reported service issues for Equity Strategy routes

### Service Delivery

Prioritized Equity Strategy lines for service delivery in the face of operator shortage

### Ongoing Community Work and Engagement

- Bayview CBTP
- HRC Bayview
  Open House
- SF YouthCommission
- Treasure Island Development Authority (TIDA)

## **Building on Two Previous Reports**



FY 17-18

Focus on operationalizing equity policy

FY 19-20

Focus on outreach and program awareness

FY 21-22

Focus on all aspects of transit planning being informed by equity policy principles

# **Equity Strategy Informs all Aspects of Service Planning**

- Relevant metrics
- Consider all hours & days of service
- Ensure same or better service outcomes

**Equity Policy Principles** 

### **Equity Strategy**

- Trends
- Key needs
- Recommendations

- Service and operations decisions
- Community engagement and response
- Feedback from riders
- Capital and quick build projects

Transit Planning

## **Key Themes: Peak Hour Crowding**

Weekday Inbound % of Trips Over Capacity

	$ \frown $				
Public.	AM Peak	Mid-Day	School	PM Peak	Evening
1	22.7%	8.1%	6.3%	3.1%	0.2%
1AX	9.0%	0.1%			
1BX	24.5%	0.7%			
2	23.5%	2.1%	0.2%	1.1%	0.0%
3	6.1%	0.2%	0.0%	0.0%	0.0%
5	16.7%	1.8%	0.7%	0.6%	0.1%
5R	31.6%	1.3%	0.5%	0.3%	
6	17.2%	0.7%	0.2%	0.2%	0.0%
7	30.1%	6.7%	10.5%	2.5%	0.0%
7X	20.1%				
8	6.8%	6.3%	5.3%	6.7%	0.3%
8A (	17.4%	11.3%			
8BX	9.2%	1.1.3%			
9	7.0%	2.1%	2.3%	0.5%	0.0%
9R	3.1%	0.2%	0.2%	0.1%	
10	15.4%	1.6%	7.2%	25.5%	0.0%
12	2.8%	1.4%	3.4%	15.1%	0.4%
14	1.1%	0.2%	0.0%	0.0%	0.0%
14R	31.2%	5.7%	2.1%	0.3%	
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Weekday Outbound % of Trips Over Capacity

Public	AM Peak	Mid-Day	School	PM Peak	Evening
29	12.7%	6.5%	30.69	21.7%	0.7%
30	15.3%	10.8%	5.5%	5.1%	2.2%
30X			0.0%	22.4%	2.1%
31	1.2%	0.6%	2.7%	5.0%	1.2%
31AX				12.1%	1.0%
31BX				8.2%	0.0%
33	0.3%	0.7%	4.4%	1.1%	0.0%
35	0.0%	0.0%	0.0%	0.0%	0.0%
36	0.0%	0.0%	0.0%	0.0%	0.0%
37	0.0%	0.0%	0.0%	11.1%	1.6%
38	1.3%	0.1%	0.7%	10.3%	1.7%
38AX				8.4%	0.0%
38BX				8.9%	0.0%
38R	4.7%	2.0%	12 4%	32.5%	1.7%
39		0.0%	1.9%	0.0%	0.0%
41	0.0%		0.3%	21.8%	0.0%
43	2.4%	1.0%	21.8%	14.6%	0.0%
44	8.6%	4.3%	36.8%	33.0%	1.1%
45	15.3%	20.9%	21.8%	30.2%	1.4%
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# **Equity Strategy Lines with Peak Hour Crowding**

- 5/5R Fulton and Fulton Rapid
- 8/8BX,8AX Bayshore and Bayshore Expresses
- 10 Townsend
- 12 Folsom
- 14R Mission Rapid
- 29 Sunset

- 38/38R Geary and Geary Rapid
- 43 Masonic
- 44 O'Shaughnessy
- 45 Union-Stockton
- 47 Van Ness

# **Key Themes: School Crowding**

- A number of lines are seeing significant percentage of trips over capacity in the early afternoon: 8, 8AX,14R, 24, 29, 30, 43, 44, 45, 48
- Feedback from 311, elected officials, and Youth Commission confirm this
- Muni already provides additional afternoon school tripper service on 16 different routes
- Morning crowding is also an issue on select routes

Route	AM Peak	Mid-Pay	Late Afternoon	Peak	Evening	Late Evening
29	12.7%	6.5%	30.6%	21.7%	0.7%	0.2%
30	15.3%	10.8%	5.5%	5.1%	2.2%	0.5%
30X			0.0%	22.4%	2.1%	
31	1.2%	0.6%	2.7%	5.0%	1.2%	0.1%
31AX				12.1%	1.0%	
31BX		1		8.29	0.0%	
33	0.3%	0.7%	4.4%	1.19	0.0%	0.0%
35	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
36	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
37	0.0%	0.0%	0.0%	11.19	1.6%	0.0%
38	1.3%	0.1%	0.7%	10.3%	1.7%	0.5%
38AX		1		8.496	0.0%	
38BX		1		8.9%	0.0%	
38R	4.7%	2.0%	12.4%	32.5 %	11.7%	
39		0.0%	1.9%	0.9%	0.0%	
41	0.0%		0.3%	21 8%	0.0%	
43	2.4%	1.0%	21.8%	14.6%	0.0%	0.0%
44	8.6%	4 3%	36.8%	33.0%	1.1%	0.0%
45	15.3%	20.5%	21.8%	30.2%	1.4%	0.1%

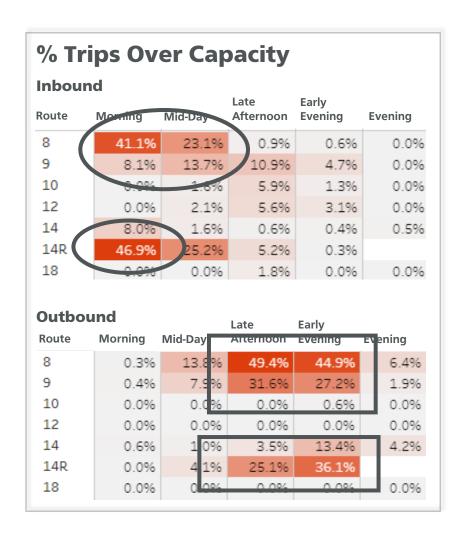
# **Key Themes: Weekend Crowding**



@sfmta\_muni PLEASE put a larger bus on the #9 Route on Saturday's and Sunday's. The 40 foot bus is way too small. Thank You!

Robert- A Muni Passenger

- Weekend crowding on lines that travel south to north
- Inbound/northbound crowding starts earlier
- Outbound/southbound trip crowding later in the day
- Pattern followed by loads on 8, 9, 14R, 44



# Good News: Evening Headway Improvements for KT

Neighborh	ood Gaps - 201	9 Bayview versus 2018 (INBOUI	ND)	(-)
Service Category	Route Name	Stop Name	AM Peak	Evaning
Muni Metro	KT-Ingleside/Third	3rd St&Marin St NW-NS/SI	21.9%	15.9%
		3rd St&Oakdale/Palou N-NS SI	22.3%	15.7%
		3rd St&Paul Ave SW-FS/SI	22.3%	16.2%
Neighborho	od Gaps - 201	9 Bayview versus 2018 (OUTBC	OUND)	
Muni Metro	KT-Ingleside/Third	3rd St&Gilman Ave NE-FS/SI	12.1%	14.9%
		3rd St&Marin St SE-NS/SI	15.3%	14.0%
		3rd St&Oakdale/Palou N-FS/SI	13.89	13.1%
Neighborh	ood Gaps - 201	9 Excelsior/Outer Mission versu	ıs 2018 ( N	BOUND)
Muni Metro	KT-Ingleside/Third	METRO TERMINAL-NS/SI	37.49	29.7%
		San Jose & Geneva N-MB/BZ	38.99	29.8%
	M-Ocean View	CAMERON BEACH YARD	33.89	21.5%
		San Jose Ave&Geneva Ave SW-FS/SI	32.19	18.4%
Neighborho	od Gaps - 2019	9 Excelsior/Outer Mission versu	ıs 2018 (O	UTBOUND
Muni Metro	KT-Ingleside/Third	METRO TERMINAL-NS/SI	40.29	23.1%
	M-Ocean View	San Jose Ave&Niagara Ave S-NS/SB	41.1%	23.0%
Neighborho	od Gaps - 2019	Oceanview-Ingleside versus 2	018 (INB	UND)
Muni Metro	KT-Ingleside/Third	Saint Francis Circle NE-FS/SI	22.4%	30.9%
	M-Ocean View	Broad St&Plymouth Ave NE-NS/PS	24.2%	17.0%
Neighborho	od Gaps - 2019	Oceanview-Ingleside versus 2	018 (OUT	OUND)
Muni Metro	KT-Ingleside/Third	Saint Francis Circle NW-NS/SI	33.6%	22.4%
	M-Ocean View	Broad St&Plymouth Ave SW-NS/PS	40.5%	22.2%

## **Good News: 8 Bayshore Headways**

### Neighborhood Gaps - 2019 Excelsior/Outer Mission versus 2018 (INBOUND)

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Service Category	Route Name	Stop Name	AM Peak	Mid-Day	School	PM Peak	Evening	Night	Owl
Frequent Local & 8-Bayshore Rapid Bus	8-Bayshore	Cayuga Ave&Onondaga Ave			100.0%				
		City College Terminal NW-FS/SI	3.9%	7.9%	9.3%	14.2%	15.3%	8.9%	25.0%
		Geneva Ave & Mission St SE-FS/BZ	6.4%	9.0%	13.3%	15.1%	16.9%	10.4%	25.6%
Specialized	8BX-Bayshore B Express	City College Terminal NW-FS/SI	6.4%	11.2%					
Neighborhood Gaps - 2019 Excelsior/Outer Mission versus 2018 (OUTBOUND)									
Frequent Local	8-Bayshore	City College Terminal NW-FS/SI	31.3%	21.5%	22.5%	19.2%	16.4%	23.6%	0.0%
Specialized	8BX-Bayshore B Express	City College Terminal NW-FS/SI				20.6%	0.0%		

### Neighborhood Gaps - 2019 Chinatown versus 2018 (INBOUND)

Specialized 8AX-Bayshore A Express Kearny St&Pacific Ave NE-FS/SB 18.8% 6.8%

### Neighborhood Gaps - 2019 Chinatown versus 2018 (OUTBOUND)

Frequent Local	8-Bayshore	Columbus Ave⋃ St NW-NS/BZ	10.6%	10.3%	16.5%	9.9%	14.5%	13.5%	1.4%
Specialized	8AX-Bayshore A Exp			23.8%	11.3%				
	8BX-Bayshore B Exp			0.0%	17.7%	0.0%			

### Neighborhood Gaps - 2019 Visitacion Valley versus 2018 (INBOUND)

	-	-	-							
Frequent Local & Rapid Bus	8-Bayshore	City College Terminal NW-FS/SI		3.9%	7.9%	9.3%	14.2%	15.3%	8.9%	25.0%
		San Bruno Ave&Arleta Ave NE-FS/BZ		12.2%	13.3%	19.5%	18.3%	18.7%	12.3%	32.5%
		Santos St&Geneva Ave E-FS/BZ		8.0%	10.7%	15.6%	16.4%	18.2%	11.3%	28.1%
Specialized	8BX-Bayshore B Express	Bay Shore Blvd&Blanken Ave SE-NS/BZ		11.1%	12.1%					
		City College Terminal NW-FS/SI		6.4%	11.2%					

### Neighborhood Gaps - 2019 Visitacion Valley versus 2018 (OUTBOUND)

Frequent Local	8-Bayshore	City College Terminal NW-FS/SI	31.3%	21.5%	22.5%	19.2%	16.4%	23.6%	0.0%
Specialized	8BX-Bayshore B Expre	ess City College Terminal NW-FS/SI				20.6%	0.0%		

# **Notable Findings**

"It took me 1 hour and 20 minutes to get home from school today. A trip that by car should take 15 minutes... I now have to stay up until 1AM trying to get my homework done, get 5 HOURS of sleep, and get up at 6 AM...Imagine having an hour long commute and being diagnosed with something called chronic stress at the age of 15."

- Missed service due to operator shortage is a significant source of stress that impacts people with low income the most
- Long travel times between Bayview and Downtown

# Neighborhood recommendations

### Neighborhood Muni Route

Key transit neighborhood need #1

Recommendation to address need requires new funding

### Neighborhood Muni Route

Key transit neighborhood need #2

Recommendation to address need does not require new funding

### Neighborhood Muni Route

Key transit neighborhood need #3

Recommendation to address need is partially funded

# **Bayview**

### KT Ingleside-Third

Address long travel times and service gaps



Transit signal priority improvements for improved reliability; explore express service from Bayview to Downtown

### 19 Polk

Improve service delivery, long travel times and route adherence



Continue operator recruitment efforts and address Larkin/O'Farrell "hot spot" with quick build treatment

### 9 San Bruno & 8 Bayshore

Reduce weekend crowding northbound early in the morning and southbound later in the day



**Increase weekend service** 

### 23 Monterey

Improve reliability



Adjust travel time and monitor current construction reroute for impacts and benefits

# **Bayview cont.**

### 29 Sunset

Address crowding and pass ups, especially during school times, in addition to long travel times



Continue community-based process to implement service increase and travel time improvements

### 44 O'Shaughnessy

Address crowding and pass ups, especially during school times



Increase service and address "hot spots" on Silver/Bayshore and Woodside/Portola with quick build treatment

### 54 Felton

Improve reliability, particularly in the evening



Implement quick build treatment for Van Dyke/3rd "hot spot" and increase evening service

### **Chinatown**

### 8/8AX/8BX Bayshore

Address crowding on weekdays and weekends (8 Bayshore)



Increase service

### 30 Stockton

Address crowding, especially early afternoon inbound



Increase service and upsize all vehicles on the line

### 10 Townsend

Improve reliability inbound, reduce crowding, and improve service delivery



Adjust running time and continue operator recruitment efforts

### 12 Folsom

Improve reliability inbound



Implement Rincon Hill extension, including running time adjustment and transit lanes on Folsom

# **Excelsior/Outer Mission**

### 8/8AX/8BX Bayshore

Crowding on weekdays and weekends (8 Bayshore)



Increase service

### 14 Mission Rapid

Reduce crowding and service gaps



Increase weekday and weekend service; consider extending evening service span

### 29 Sunset

Consistent crowding and long travel times



Continue community-based process and implement service increase and travel time improvements

### 54 Felton

Improve reliability, particularly in the evening



Implement quick build treatment for Van Dyke/3rd "hot spot" and increase evening service

# Ingleside/Oceanview

### KT Ingleside-Third

Address long travel times and service gaps



Separate K Ingleside from T Third when Central Subway opens and begin capital project to better serve two-car trains on Ocean Ave.

### **M** Oceanview

Improve outbound service reliability



Monitor West Portal Pilot for potential longterm improvements; add supervision at critical locations

### **14X Mission Express**

Deliver consistent service



**Continue operator recruitment efforts** 

### 29 Sunset

Address crowding and pass ups, especially during school times, in addition to long travel times



Continue community-based process and implement service increase and travel time improvements

### 54 Felton

Improve reliability, particularly in the evening



Implement quick build treatment for Van Dyke/3rd "hot spot" and increase evening service

### **Inner Mission**

### 10 Townsend

Improve reliability inbound, reduce crowding, improve service delivery



Adjust travel time and continue operator recruitment and retention efforts

### 12 Folsom

Improve reliability inbound



Implement Rincon Hill extension, including running time adjustment, and implement transit lanes on Folsom

#### 14 Mission

Improve service delivery and reduce service gaps



**Continue operator recruitment efforts** 

### 14 Mission Rapid

Reduce crowding



Increase weekday and weekend service; consider extending evening service span

### 27 Bryant

Improve reliability and reduce service gaps



Implement quick build treatment on 5<sup>th/</sup> Mission "hot spot" and adjust travel time

# Tenderloin/SOMA

### 19 Polk

Improve service delivery and long travel times



Continue operator recruitment efforts and address Larkin/O'Farrell "hot spot" with quick build treatment

### 14 Mission

Improve service delivery and reduce service gaps



**Continue operator recruitment efforts** 

### 14 Mission Rapid

Reduce crowding and service gaps



Increase weekday and weekend service; consider extending evening service span

### 27 Bryant

Improve reliability and reduce service gaps



Implement quick build treatment on 5th/Mission "hot spot" and adjust travel time

### **Treasure Island**

### 25 Treasure Island

Improve reliability and travel times



Adjust running times and increase frequency



Add inspector support at Transit Center to ensure on-time departures.



Work with construction routing to enhance signage during construction reroutes

# **Visitacion Valley**

### 8/8AX/8BX Bayshore

Crowding on weekdays and weekends (8 Bayshore)



Increase service

### 9 San Bruno

Improve service delivery on the 9 San Bruno



Continue operator recruitment efforts

### 9 San Bruno & 8 Bayshore

Reduce weekend crowding northbound early in the morning and southbound later in the day



**Increase service** 

### 29 Sunset

Address crowding and pass ups, especially during school times, in addition to long travel times



Continue community-based process and implement service increase and travel time improvements

#### 56 Rutland

Improve on-time performance and headway adherence. Route is Vulnerable to mechanical issues since it's a one bus route



Add another bus, extend route to Mansell and connect with 29 Sunset

### **Western Addition**

### 24 Divisadero

Reduce crowding during peaks and school hours



Increase service, particularly during school hours. Address Mission/Cortland "hot spot" with quick build treatment

### 5 Fulton Owl

Improve reliability



Adjust running time (implemented Feb 2020)

### 7 Haight-Noriega

Address crowding and improve reliability, add evening service options



Add capacity with larger buses (implemented Feb 2020) and increase evening frequency

# Accessibility

### 9 San Bruno, 14 Mission

Improve service delivery and reduce service gaps.



Continue operator recruitment efforts

### 14R Mission Rapid

Reduce crowding on weekdays and weekends



**Increase service** 

### 9 San Bruno & 8 Bayshore

Reduce weekend crowding northbound early in the morning and southbound later in the day



**Increase service** 

# **Accomplishments to Date**

#### 5 Fulton

- Implemented 5R
- 6<sup>th</sup> and Market Muni Forward Capital Project
- Adjusted Owl running time

### 8 Bayshore

- Increased service
- San Bruno Ave. Improvement Project

#### 8AX/8BX Bayshore Express

• San Bruno Improvement Project

#### 9/9R San Bruno

- Boarding islands on 11th St. and Bayshore Boulevard
- Upsized 9R to articulated buses
- Potrero Ave. Streetscape and San Bruno Ave Improvement Projects

#### 10 Townsend

- Extended Sansome contraflow lane
- Service Increase

# **Accomplishments to Date**

### 12 Folsom

- Extended Sansome contraflow lane
- Service Increase

### 14/14R Mission & Mission Rapid

- Upsized to articulated buses
- 14 Mission Rapid Project

### 27 Bryant

• 27 Bryant Improvement Project

#### 29 Sunset

Increase service frequency in the AM peak

### 44 O'Shaughnessy

Added school tripper

# **Accomplishments to Date**

#### 30 Stockton

Transit Priority Project

### 48 Quintara

Service extended Great Highway all day

### 54 Felton

• 54 Felton Realignment Project

### M Oceanview-Ingleside

- Service increase
- Two-car weekend service
- West Portal Pilot

### KT Ingleside-Third

- 3<sup>rd</sup> St. signal improvements
- Service increase
- Two-car trains



# **Work Underway**

### 1 California • Road diet on California St. between Park Presidio and 6th Ave. to improve transit safety and reliability 5/5R Fulton • Muni Forward project on Fulton between 6<sup>th</sup> to 25<sup>th</sup> Ave. 7 Haight-Noriega Upsized to articulated buses 12 Folsom Transit lanes to improve reliability • Extension to Rincon Hill, including run time adjustments 23 Monterey • Reinvesting travel time savings from construction reroute 29 Sunset • Ongoing process to identify most effective ways to improve travel time and increase capacity T Third Central Subway 9 San Bruno, 14X Express, 19 Polk, 23 Monterey Operator recruitment and retention efforts

### What's Next?

Gender equity and gender-specific issues on transit

Evening and owl service route and schedule adherence in Eastern Neighborhoods

Continue to improve on Equity Strategy process and outcomes

