



SFMTA

Municipal
Transportation
Agency

Regional Measure 3

May 2, 2017

SFMTA Board of Directors

Overview

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- Regional Measure 3
- Guiding Principles
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 - SF Proposed Additional Principles
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Overview

Prior Regional Measures

Regional Measure 1, 1988

Regional Measure 2, 2004

Regional Measure 3

Considering a \$1, \$2 and \$3 bridge toll increase for the Bay Area's 7 toll bridges.

When?

2018 Primary or General Election

What Types of Projects?

Projects that provide benefits to the toll bridge corridors

TOLL AMOUNT	ANNUAL REVENUE	CAPITAL FUNDING (25-YEAR)
\$1	\$127M	\$1.7B
\$2	\$254M	\$3.3B
\$3	\$381M	\$5.0B

FACILITY	STANDARD TOLL	CARPOOL TOLL
BATA Bridges	\$5.00	\$2.50
Golden Gate Bridge	\$6.50 / \$7.50 FasTrak / Plate	\$4.50
Port Authority of York/New Jersey (Bridges & Tunnels)	\$10.50 / \$12.50 / \$15.00 Off-Peak / Peak / Cash	\$6.50

Prior Regional Measures

Elections Results for RM1 & RM2

	REGIONAL MEASURE 1 (1988)		REGIONAL MEASURE 2 (2004)	
	Yes	No	Yes	No
Alameda	71%	29%	56%	44%
Contra Costa	68%	32%	51%	49%
Marin	76%	24%	64%	36%
Napa	not included			
San Francisco	69%	31%	69%	31%
San Mateo	74%	26%	55%	45%
Santa Clara	71%	29%	60%	40%
Solano	58%	42%	41%	59%
Sonoma	not included			
Totals	70%	30%	57%	43%

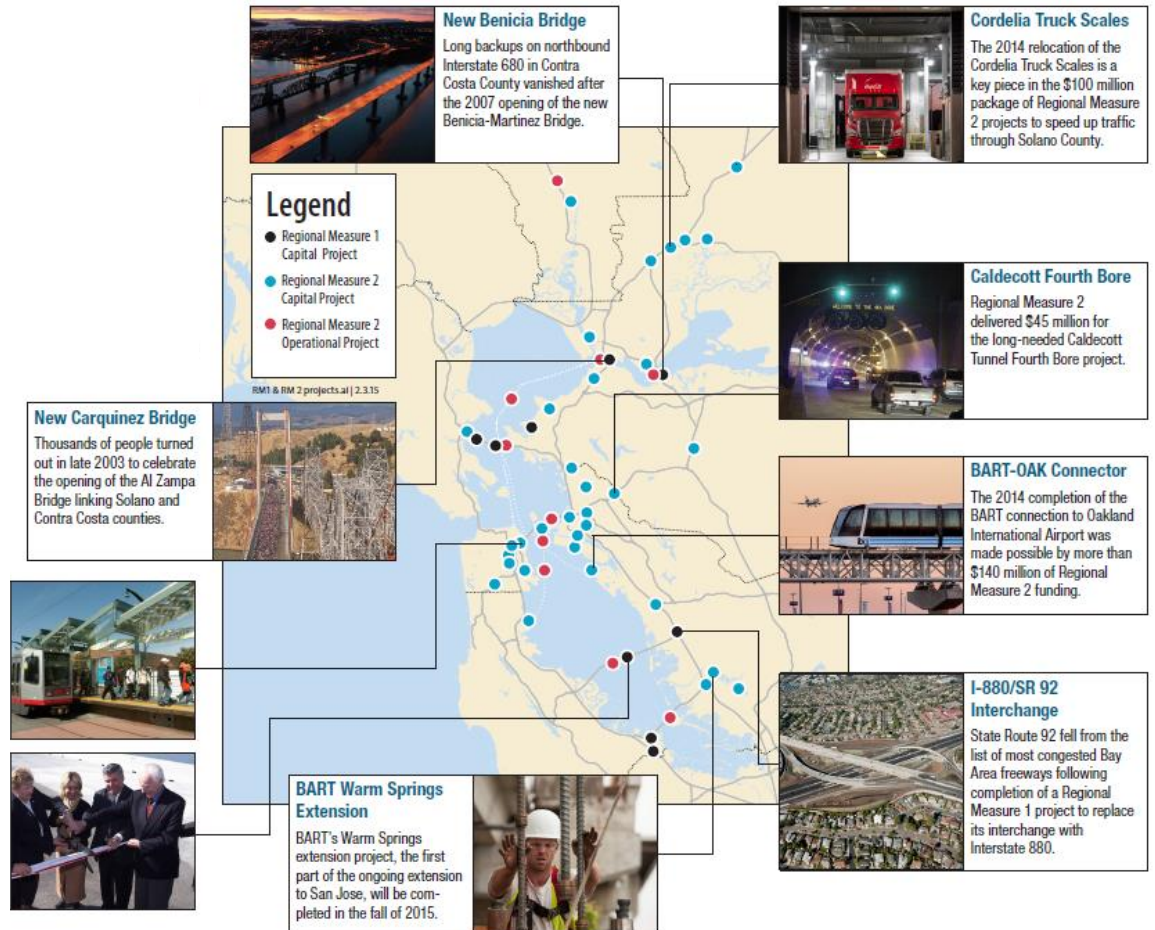
Prior Regional Measures

REGIONAL MEASURE 1	AMOUNT
New Benicia-Martinez Bridge	\$1,200M
Carquinez Bridge Replacement	\$518M
I-880/SR 92 Interchange Replacement	\$235M
San Mateo-Hayward Bridge Widening	\$210M
Richmond-San Rafael Bridge Rehabilitation	\$117M
Bayfront Expressway Widening	\$36M
Richmond Parkway	\$6M
US 101/University Avenue Interchange Improvements	\$4M

REGIONAL MEASURE 2	AMOUNT
Transbay Transit Center ¹	\$353M
BART to Warm Springs ^{1,2}	\$304M
eBART/Highway 4 Widening ²	\$269M
BART Oakland Airport Connector ¹	\$146M
Solano Co. I-80 HOV Lanes & Cordelia Trucks Scale ¹	\$123M
SMART Rail	\$82M
AC Transit Bus Rapid Transit ²	\$78M
Transit Center Upgrades & New Buses (Regionwide)	\$65M
I-580 HOV Lanes	\$53M
Ferry Vessels ²	\$46M
Caldecott Tunnel Fourth Bore	\$45M
Transit Technology (Clipper®, 411®, Traffic Signals)	\$42M
Contra Cost I-80 HOV Lanes	\$37M
BART Tube Seismic Retrofit ²	\$34M
San Francisco Third Street Light Rail	\$30M
BART Central Contra Costa Crossover	\$25M
Safe Routes to Transit Projects	\$23M
Other Regional Projects	\$356M
Transit Operations Support (Annual)	\$41M

¹ Amounts shown includes other toll revenue in addition to RM2

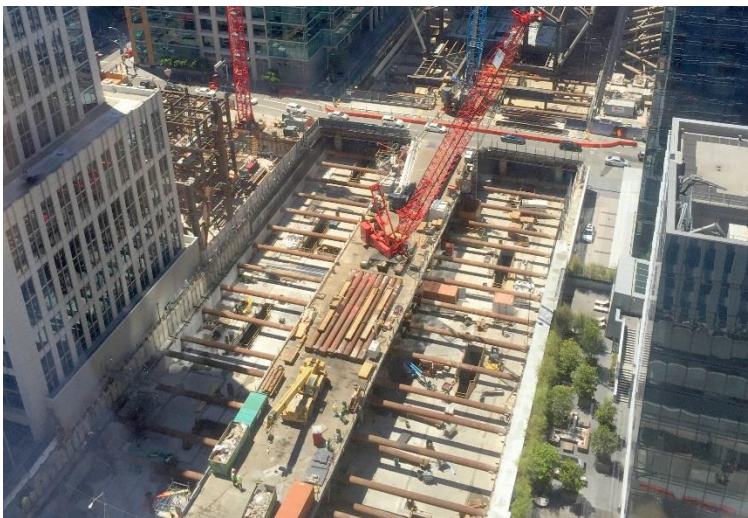
² Under Construction



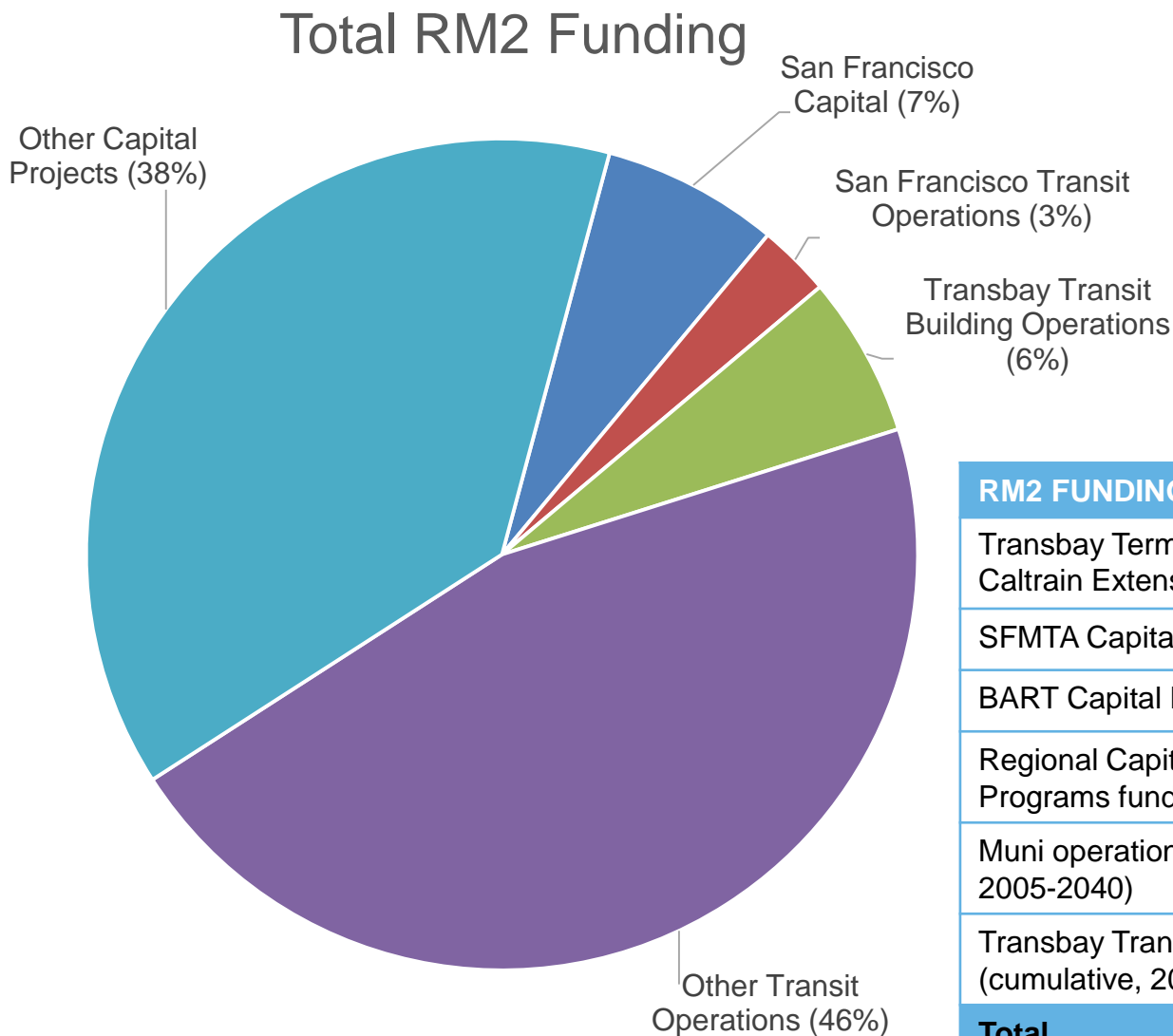
About Regional Measure 2

The Regional Traffic Relief Plan

- Voted on in March 2004 in 7 counties: Alameda, Contra Costa, Marin, San Francisco, San Mateo, Santa Clara and Solano
- Required 50% +1 vote across all 7 counties; received 57%
- \$1 bridge toll generates approximately \$125M annually
 - \$1.5B Capital Projects
 - \$1.6B Operating Program (capped at 38% of total revenues, or roughly \$45M annually)



About Regional Measure 2



RM2 FUNDING TO SF	AMOUNT
Transbay Terminal/Downtown Caltrain Extension	\$150M
SFMTA Capital Projects	\$43M
BART Capital Projects, SF share	\$19M
Regional Capital Investment Programs funding share to SF	\$18M
Muni operations funding (cumulative, 2005-2040)	\$95M
Transbay Transit Building operations (cumulative, 2005-2040)	\$210M
Total	\$535 M

About Regional Measure 2

Capital Projects in San Francisco

SFMTA	BART/SF MUNI Direct Connection at Embarcadero & Civic Center Stations	\$3,000,000
SFMTA	T Third LRT Extension	\$30,000,000
SFMTA	Muni Waterfront Historic Streetcar Expansion	\$10,000,000
TJPA	Transbay Terminal/Downtown Caltrain Extension	\$150,000,000

BART Projects Benefitting San Francisco

BART	BART Tube Seismic Retrofit	\$33,801,000
BART	Transit Capital Rehabilitation	\$24,000,000

Regional Program Funding

SFMTA	Safe Routes to Transit (total program: \$22,500,000)	\$4,899,301
BART	Safe Routes to Transit (total program: \$22,500,000)	\$781,000
SFMTA	Real-Time Transit Information (total program: \$20,000,000)	\$9,275,358
BART	Real-Time Transit Information (total program: \$20,000,000)	\$2,569,000
BART	TransLink (total program: \$22,000,000)	\$9,680,000

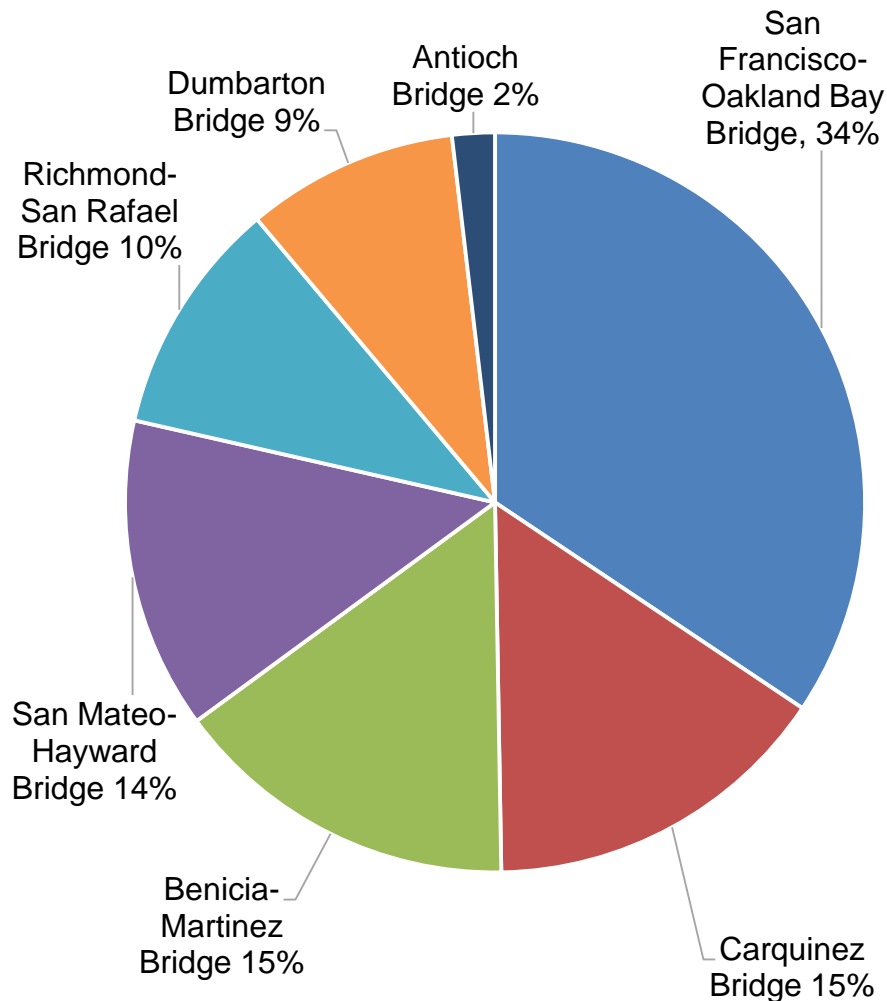
Cumulative Transit Operating Funds to San Francisco (2005-2040)

SFMTA	Owl Bus Service on BART Corridor**	\$7,148,924
SFMTA	Muni 3rd street	\$87,500,000
TJPA	Transbay Terminal Building Operations and Maintenance	\$210,000,000

**assumes a constant percentage of program funding for SFMTA

Bridge Traffic Volumes

Bay Area Bridge Traffic



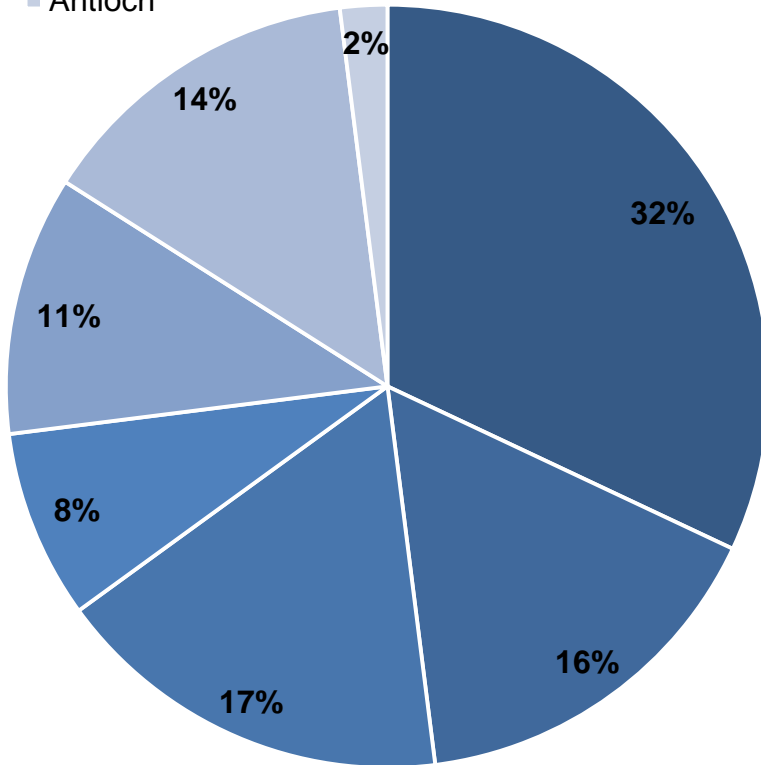
- Plan Bay Area priorities
- A clear nexus with bridge corridors
- Bring to voters in all 9 counties

BRIDGE	AADT (2015)	% OF TOTAL TRAFFIC
San Francisco-Oakland	260,000	34%
Carquinez	116,000	15%
Benicia-Martinez	115,000	15%
San Mateo-Hayward	103,000	14%
Richmond-San Rafael	78,000	10%
Dumbarton	70,000	9%
Antioch	14,100	2%

Bay Area Statistics

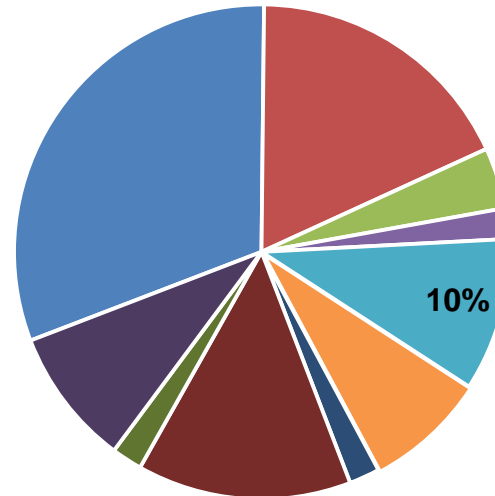
Share of Bridge Toll Revenue by Bridge

- SF-Oakland
- Carquinez
- Richmond-San Rafael
- Antioch
- Benicia-Martinez
- Dumbarton
- San Mateo-Hayward

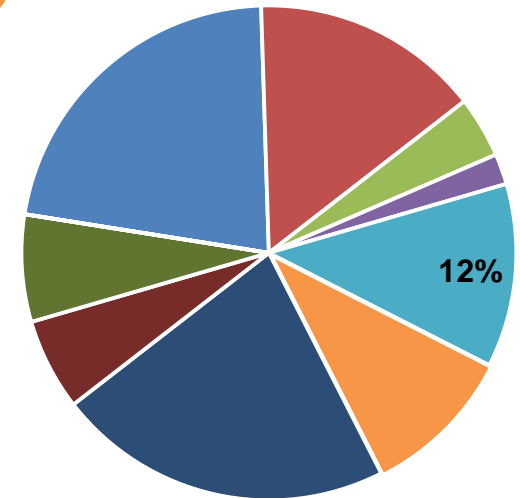


Share of Revenue by County of Residence

- Alameda
- Contra Costa
- Marin
- Napa
- San Francisco
- San Mateo
- Santa Clara
- Solano
- Sonoma
- Out of Region



Share of Voters by County



About Regional Measure 3

What will RM3 look like?

How will RM3 take shape?

- State level with Bay Area delegation
- MTC-led technical process working with CMAs, transit operators, and other stakeholders

TOLL SURCHARGE AMOUNT	ANNUAL REVENUE	CAPITAL FUNDING (25-YEAR)
\$1	\$127M	\$1.7B
\$2	\$254M	\$3.3B
\$3	\$381M	\$5.0B

OPERATIONS SHARE (\$3 TOLL)	ANNUAL OPERATING BUDGET	TOTAL CAPITAL BUDGET
0%	-	\$5.0B
5%	\$19M	\$4.7B
10%	\$37M	\$4.5B
15%	\$56M	\$4.2B
20%	\$75M	\$4.0B

MTC's Draft Principles

MTC's DRAFT RM3 PRINCIPLES

Bridge Nexus	Ensure all projects benefit toll payers in the vicinity of the San Bay Area's seven state-owned toll bridges
Regional Prosperity	Invest in projects that will sustain the region's strong economy by enhancing travel options and improving mobility in bridge corridors
Sustainability	Ensure all projects are consistent with Plan Bay Area 2040's focused growth and greenhouse gas reduction strategy
State of Good Repair	Invest in projects that help restore bridges and transportation infrastructure in the bridge corridors
Demand Management	Utilize technology and pricing to optimize roadway capacity
Freight	Improve the mobility, safety and environmental impact of freight
Resiliency	Invest in resilient bridges and approaches, including addressing sea level rise

SF Proposed Additional Principles

Support MTC's Draft Principles

Consider adding:

- Equity
- Multimodal

Additional considerations:

- Support including an operating component (capped at a percentage, similar to RM2)
- Support seeking a \$2 or \$3 toll, with the option to phase in the increase over time



DRAFT SF RM3 Candidate Projects

Project	Description	Total Project Cost	Funding Gap	SF RM3 Ask	
Transit Core Capacity					
1	BART Core Capacity/Metro Projects	Includes Core Capacity and operational projects, station enhancements in downtown San Francisco.	TBD per BART request	TBD per BART request	TBD per BART request
2	BART Expansion Vehicles	New vehicles will support increased service in the core of the BART system. [NOTE: funding gap includes \$300 M each from San Francisco, Contra Costa, and San Francisco counties and \$100M from MTC.	\$ 1,300	\$ 1,000	TBD per BART request
3	Caltrain Downtown Extension	Caltrain/HSR subway connection from south of 4th/King to the Transbay Transit Center.	\$ 3,935	\$2,653-\$2,823	TBD per TJPA
4	Core Capacity & Transit Reliability (SFMTA)	Includes projects recommended from the Bay Area Core Capacity Transit Study (CCTS). Example projects: Better Market Street; Geary BRT; surface light rail improvements.	\$ 1,300	\$ 1,000	\$ 600
4a	sub-project	Better Market Street	\$ 600	\$ 400	\$ 100
4b	sub-project	Core Capacity Transit Study Recommendations <i>Implementing a package of improvements to the Muni network, which includes transit signal priority, accessible boarding islands, traffic changes and stop consolidation all to improve capacity and reliability.</i>	\$ 51	\$ 51	\$ 51
4c	sub-project	Geary Bus Rapid Transit	\$ 300	\$ 200	\$ 100
4d	sub-project	Muni Forward Group 2 <i>Implement the second phase of Muni Forward projects.</i>	\$ 270	\$ 270	\$ 270
4e	sub-project	Surface Light Rail Safety and Capacity Program <i>Near-term improvements to the safety and capacity of the surface light rail system, including dynamic surface signaling, additional pocket tracks and crossovers, enhancements to existing signals and bringing the traction power system into a state of good repair.</i>	\$ 79	\$ 79	\$ 79
5	Mission Bay Ferry Landing (Port of SF)	Establishes new ferry terminal to directly connect Mission Bay and Central Waterfront SF neighborhoods to the East Bay via transbay corridor.	\$ 43	\$ 25	\$ 15



DRAFT SF RM3 Candidate Projects

Project	Description	Total Project Cost	Funding Gap	SF RM3 Ask	
Transit Core Capacity					
6	Muni Fleet Expansion and Facilities (SFMTA)	A recommendation from the Core Capacity Transit Study, includes light rail vehicles and buses to better meet current and future ridership, and facilities improvements to support the current and future fleet.	\$ 944	\$ 799	\$ 350
6a	sub-project	40ft Motor Coach Expansion (53 coaches) <i>Procure an additional 53 40' motorcoaches to better meet current and future ridership demand.</i>	\$ 56	\$ 56	\$ 50
6b	sub-project	60ft Motor Coach Expansion (100 coaches) <i>Procure an additional 100 60' motorcoaches to better meet current and future ridership demand.</i>	\$ 153	\$ 153	\$ 100
6c	sub-project	Facility Rehabilitation & Expansion <i>Rebuild and modernized facilities to maintain the existing fleet and to store an expanded fleet of LRVs and buses.</i>	\$ 255	\$ 200	\$ 100
6d	sub-project	Light-Rail Vehicle (LRV) Fleet Expansion (85 Cars) <i>Procure an additional 85 LRVs to better meet current and future ridership demand.</i>	\$ 480	\$ 390	\$ 100
7	Second Transbay Tube (CCTS)	Study and conceptual engineering funds for a second transbay tube as discussed in the Core Capacity Transit Study.	TBD per CCTS	TBD per CCTS	TBD per CCTS
Transit Modernization					
8	Muni Metro Modernization (SFMTA)	Improves existing stations to address much-needed state of good repair investments, including safety and accessibility improvements, including but not limited to escalators, elevators, and wayfinding.	\$ 175	\$ 175	\$ 75
Active Congestion Management					
9	San Francisco Managed Lanes (SFCTA)	Converts lanes on US-101 and I-280 in San Francisco to express lanes to support faster and more reliable transit and rideshare options from I-280 (King St.) to San Mateo county.	\$ 62	\$ 61	\$ 30



DRAFT SF RM3 Candidate Projects

Project	Description	Total Project Cost	Funding Gap	SF RM3 Ask
Active Congestion Management				
10 Treasure Island Mobility Management Program (SFCTA)	Funds would cover start-up costs for the Treasure Island Mobility Management Program, including procuring a new alternative-fuel ferry and advancing ferry service from downtown SF to Treasure Island by 3 years. [NOTE: project cost represents partial start-up costs only]	\$ 32	\$ 32	\$ 32
11 Transportation Demand Management Program (MTC)	A regional Transportation Demand Management Program could provide funding to innovative incentive programs such as BART Perks, and to smart/innovative technology projects such as technology-enabled corridor management strategies, to help reduce congestion in the core.	TBD	TBD	TBD
Equity				
12 Bicycle/Pedestrian Facilities Program (MTC)	A regional bicycle/pedestrian program could provide funding for projects that improve access to the bridge corridors and to transit serving those corridors.	TBD	TBD	TBD
13 Lifeline Transportation Program (MTC)	A regional program that could provide funding for late night transportation services, accessibility and mobility programs in the bridge corridors.	TBD	TBD	TBD
14 Operations – Transbay Transit Center	Covers the funding gap needed to support operations and maintenance of the new Transbay Transit Center. Otherwise, transit operators using the facility would be expected to cover the gap.	TBD per TJPA	TBD per TJPA	TBD per TJPA



Next Steps

- Seek SFCTA Commission and SFMTA Board actions to adopt principles, SF project list and amounts for advocacy
- Work with Mayor's Office, SFCTA, MTC and other partners on state delegation engagement
- MTC adopts Bay Area project list (advisory)
- State legislature authorizes measure to go on ballot
- Voter approval

Thank you. Questions?

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