



San Francisco Municipal Transportation Agency

Capital Budget

Fiscal Year 2017 & Fiscal Year 2018

Proposed April 5, 2016



SFMTA
Municipal
Transportation
Agency

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Overview & Development Process

Overview

The proposed San Francisco Municipal Transportation Agency (SFMTA) Fiscal Year (FY) 2017 - 2018 Capital Budget is the SFMTA's two-year financial plan and consolidated capital program. It represents the first two years of the SFMTA's Five-Year Capital Improvement Program (CIP). The proposed FY 2017 - FY 2018 Capital Budget includes expenditure authority of \$1,083 million in FY 2017 and \$859 million in FY 2018; this includes \$45 million in revenue for FY 2018 that is contingent upon voter approval of a potential November 2016 ballot initiative. Projects funded through this two-year budget include infrastructure investments as well as various procurements and other one-time initiatives (plans, educational programs, etc.) to be implemented throughout the city.

Projects contained in the proposed FY 2017 – FY 2018 Capital Budget continue to reflect the SFMTA Board of Directors' adopted policies and plans including Vision Zero, Transit First, the San Francisco Pedestrian Strategy, the SFMTA Bicycle Strategy, the City and County of San Francisco Adopted Area Plans, the SFMTA FY 2013 – 2018 Strategic Plan, and the San Francisco County Transportation Plan.

The proposed FY 2017 – FY 2018 Capital Budget funds a variety of capital projects addressing infrastructure needs related to transit reliability, street safety, state of good repair, facilities, communications/IT, taxi, system safety and accessibility. Complete project scopes and funding plans will be reflected in the SFMTA's proposed FY 2017 – 2021 Capital Improvement Program (CIP) currently under development. It should be noted that the level of funding within the Capital Budget only reflects parameters of the proposed effort of work at that point in time. In addition to the projects included in the proposed Capital Budget, which will be receiving new funding in FY 2017 and FY 2018, the agency will continue to implement existing projects that were fully funded before this two-year period.

Capital Budget & Capital Improvement Program (CIP) Development Process

Each project proposal included in the Two-Year Capital Budget and Five-Year Capital Improvement Program (CIP) goes through an evaluation process before being finalized in the CIP. Projects that are included in the 5-Year CIP are identified by various staff within the SFMTA based upon the following: (1) Input from the community received at various meetings during the year; (2) input from the SFMTA Board of Directors, San Francisco Board of Supervisors (or the BOS sitting as the Transportation Authority Board) and other commissions and advisory committees identified over a two-year period; (3) the SFMTA Board or other City and County of San Francisco approved plans for growth, improvements, and rehabilitation; (4) the SFMTA Board adopted 20-Year Capital Plan and prioritization criteria for selecting priority needs to advance policy goals; and (5) staff-identified projects based on critical need due to safety issues or to comply with new mandates.

Capital Program Areas

The CIP is comprised of 12 Capital Program categories as listed in the table below. These programs are designed to ensure that capital investments are in line with the agency's strategic goals and priorities:

Central Subway	Plan, design, engineer, and construct the Muni Metro T-Third Line Phase II extension to Chinatown
Communications & IT	Plan, design, and implement technology infrastructure upgrades to improve the efficiency and effectiveness of the SFMTA and provide a better experience for customers and employees
Facility	Acquire, develop, and/or rehabilitate transit station areas and maintenance facilities used for transit, traffic, and parking operations
Fleet	Purchase and rehabilitate transit vehicles including motor coaches, trolley coaches, light rail vehicles, and paratransit vans
Parking	Plan, design, rehabilitate, and construct public parking facilities or street infrastructure related to public parking
Security	Plan, design, construct or implement systems to improve the security of the transit system
Streets	Plan, design, and construct engineering improvements to improve street safety and promote walking, bicycling, and transit
Taxi	Implement systems to optimize and support the taxi system in San Francisco to provide a better rider experience and promote low-emissions taxi vehicle use
Traffic & Signals	Plan, design, engineer, and construct infrastructure and traffic signals to decrease transit travel time and improve mobility and safety on San Francisco streets
Transit Fixed Guideway	Plan, design, and construct transit improvements to rail track, overhead wires, and train control technology
Transit Optimization & Expansion	Plan, design, engineer, and construct infrastructure improvements to improve travel time, increase reliability and expand capacity of the transit system
Other	Support for non-capital initiatives such as education or traffic enforcement programs that receive capital grant funds

2-Year Capital Budget

SCHEDULE 1: SUMMARY TOTAL ALL FUNDING SOURCES

The following is a summary of all funding sources by Capital Program for the two-year Capital Budget.

Capital Program	FY 2017	FY 2018	Total 2-Year Funding
Central Subway	\$ 154,000,000	\$ 150,000,000	\$ 304,000,000
Communications/IT Infrastructure	\$ 8,772,000	\$ 350,000	\$ 9,122,000
Facility	\$ 105,902,040	\$ 29,600,000	\$ 135,502,040
Fleet	\$ 504,587,106	\$ 352,244,684	\$ 856,831,790
Parking	\$ 1,200,000	\$ 5,000,000	\$ 6,200,000
Security	\$ 5,598,567	\$ 10,070,567	\$ 15,669,134
Streets	\$ 36,377,042	\$ 46,808,978	\$ 83,186,020
Taxi	\$ 400,000	\$ 400,000	\$ 800,000
Traffic/Signals	\$ 23,103,102	\$ 13,625,461	\$ 36,728,563
Transit Fixed Guideway	\$ 43,690,073	\$ 62,866,997	\$ 106,557,069
Transit Optimization/Expansion	\$ 196,540,317	\$ 184,359,873	\$ 380,900,190
Other	\$ 3,700,000	\$ 4,650,000	\$ 8,350,000
Total Investment	\$ 1,083,870,246	\$ 859,976,560	\$ 1,943,846,806

2-Year Capital Budget

SCHEDULE 2: PROJECT EXPENSE BY CAPITAL PROGRAM

The following is a summary of projects for the two-year capital budget.

Program/Project	FY 2017	FY 2018	Total 2-Year Funding
Central Subway	\$ 154,000,000	\$ 150,000,000	\$ 304,000,000
Central Subway	\$ 154,000,000	\$ 150,000,000	\$ 304,000,000
Communications/IT Infrastructure	\$ 8,772,000	\$ 350,000	\$ 9,122,000
Blue Light Emergency Phone	\$ 5,100,000	\$ -	\$ 5,100,000
Paratransit Scheduling Software	\$ 200,000	\$ -	\$ 200,000
Radio Communications System and CAD Replacement	\$ 3,372,000	\$ -	\$ 3,372,000
Reserve FY18	\$ -	\$ 350,000	\$ 350,000
Time Clock Implementation	\$ 100,000	\$ -	\$ 100,000
Facility	\$ 105,902,040	\$ 29,600,000	\$ 135,502,040
Bancroft Facility Renovation	\$ 7,614,343	\$ -	\$ 7,614,343
Burke Facility - Overhead Lines and Parts	\$ 17,500,000	\$ 12,500,000	\$ 30,000,000
Castro Elevator New	\$ 1,000,000	\$ 2,000,000	\$ 3,000,000
Facility and Life Safety System Renovation	\$ 5,000,000	\$ -	\$ 5,000,000
Facility Reserve FY17	\$ 2,858,000	\$ -	\$ 2,858,000
Fall Protection Systems	\$ 7,300,000	\$ 6,600,000	\$ 13,900,000
Flynn Facility SGR Package (Roof, Bus Yard, Hoist Upgrades)	\$ 13,000,000	\$ -	\$ 13,000,000
Flynn Hoist Upgrade Phase I	\$ 3,500,000	\$ -	\$ 3,500,000
Islais Creek Phase II	\$ 32,000,000	\$ -	\$ 32,000,000
Muni Metro East Rail Facility	\$ 1,000,000	\$ -	\$ 1,000,000
New Facilities and Facility Upgrades	\$ -	\$ 5,000,000	\$ 5,000,000
Presidio Lifts	\$ 879,697	\$ -	\$ 879,697
SFMTA Roof Repair Phase II	\$ 250,000	\$ -	\$ 250,000
Transit Operator Convenience Facilities Phase III	\$ -	\$ 500,000	\$ 500,000
Bancroft Facility Renovation: Roof	\$ 8,000,000	\$ -	\$ 8,000,000
Underground Storage Tank Upgrades	\$ 6,000,000	\$ -	\$ 6,000,000
Other Facility Improvements	\$ -	\$ 3,000,000	\$ 3,000,000
Fleet	\$ 504,587,106	\$ 352,244,684	\$ 856,831,790
Cable Car Renovation	\$ 1,273,068	\$ 1,273,080	\$ 2,546,148
Expand Light Rail Fleet by 24 Vehicles	\$ 108,300,000	\$ -	\$ 108,300,000
Expand Light Rail Fleet by 40 Vehicles	\$ 82,550,000	\$ 81,815,910	\$ 164,365,910
Expand Paratransit fleet by 45 vehicles	\$ 2,298,858	\$ 1,266,602	\$ 3,565,460
Farebox Replacement Project	\$ 17,336,000	\$ 952,000	\$ 18,288,000
Fleet Overhauls	\$ 8,637,402	\$ 3,300,000	\$ 11,937,402
Fleet Overhauls/Expansion	\$ -	\$ 15,000,000	\$ 15,000,000
LRV Vehicle Overhauls	\$ 2,500,000	\$ 2,500,000	\$ 5,000,000
Motorcoach Fleet Expansion	\$ 1,245,000	\$ -	\$ 1,245,000
Purchase and Replace Motor Coaches	\$ 83,770,593	\$ 90,780,168	\$ 174,550,761
Rehabilitate Historic & Milan Streetcars (18 vehicles)	\$ 1,000,000	\$ 4,000,000	\$ 5,000,000
Rehabilitate Historic Streetcars (16 PCCs)	\$ -	\$ 8,559,501	\$ 8,559,501
Replace 27 Type II Paratransit Vans (2016)	\$ 2,385,885	\$ -	\$ 2,385,885
Replace 6 Paratransit Mini Vans (2017)	\$ -	\$ 274,951	\$ 274,951
Replace and Purchase Trolley Coaches	\$ 192,290,300	\$ 132,522,472	\$ 324,812,772
Non- Revenue Vehicle Replacement	\$ 1,000,000	\$ 10,000,000	\$ 11,000,000
Security	\$ 5,598,567	\$ 10,070,567	\$ 15,669,134
Emergency Communications, Power and Common Operating Picture	\$ 191,000	\$ 1,666,000	\$ 1,857,000
MTA Building Security Upgrade	\$ 50,000	\$ -	\$ 50,000
Reserve Unprogrammed FY17	\$ 151,000	\$ 5,404,567	\$ 5,555,567
Reserve Unprogrammed FY18	\$ -	\$ 3,000,000	\$ 3,000,000
Risk and Vulnerability Mitigation	\$ 1,670,000	\$ -	\$ 1,670,000
Threats and Vulnerabilities Assessment/Mitigation Placeholder	\$ 1,970,567	\$ -	\$ 1,970,567
Traffic Signal Backup Battery System	\$ 1,266,000	\$ -	\$ 1,266,000
Transit Security Alert System	\$ 300,000	\$ -	\$ 300,000
Streets	\$ 36,377,042	\$ 46,808,978	\$ 83,186,020
30 Stockton:Lower Stockton Safety, Plaza, and Transit Reliability Project	\$ 1,142,500	\$ 7,800,000	\$ 8,942,500
4th Street Pedestrian Bulbs	\$ 1,000,000	\$ -	\$ 1,000,000
5th Street Bicycle Lanes	\$ 250,000	\$ -	\$ 250,000
6th Street Improvement Project	\$ 1,280,663	\$ 5,803,933	\$ 7,084,596
7th and 8th Streets Improvements	\$ 218,000	\$ 550,000	\$ 768,000
Application-Based Residential Street Traffic Calming Projects	\$ 700,000	\$ 700,000	\$ 1,400,000
Automated Speed Enforcement Implementation	\$ -	\$ 100,000	\$ 100,000
Balboa Park Pedestrian, Bicycle and Streetscape Improvements	\$ -	\$ 244,000	\$ 244,000
Bay Area Bike Share Expansion	\$ 110,000	\$ 60,000	\$ 170,000
Bayshore/Cesar Chavez/Potrero intersection (The Hairball)	\$ 260,000	\$ 190,000	\$ 450,000

Program/Project	FY 2017	FY 2018	Total 2-Year Funding
Bicycle Strategy - 11th Street Corridor	\$ 764,169	\$ 4,330,290	\$ 5,094,459
Bicycle Strategy - 20th Avenue Corridor	\$ 120,000	\$ 93,923	\$ 213,923
Bicycle Strategy - 22nd Street Corridor	\$ -	\$ 120,000	\$ 120,000
Bicycle Strategy - 23rd Avenue Corridor	\$ 44,904	\$ 267,180	\$ 312,084
Bicycle Strategy - 8th Avenue Corridor	\$ 63,000	\$ 352,000	\$ 415,000
Bicycle Strategy - Arguello Boulevard Corridor	\$ 396,270	\$ -	\$ 396,270
Bicycle Strategy - District 11 Neighborhood Greenways	\$ 565,000	\$ 300,526	\$ 865,526
Bicycle Strategy - Financial District Connections	\$ 250,000	\$ 250,000	\$ 500,000
Bicycle Strategy - Geneva Avenue Corridor	\$ 100,000	\$ 693,252	\$ 793,252
Bicycle Strategy - Octavia Street/Green Street Corridor	\$ -	\$ 50,000	\$ 50,000
Bicycle Strategy - Page Street Corridor	\$ -	\$ 245,000	\$ 245,000
Bicycle Strategy - Shotwell Street Corridor	\$ -	\$ 195,456	\$ 195,456
Bicycle Strategy - Steiner Street Corridor	\$ -	\$ 120,000	\$ 120,000
Bicycle Strategy - Townsend Street Corridor	\$ 245,000	\$ 569,687	\$ 814,687
Bicycle Strategy - Turk/Golden Gate Corridors	\$ 275,000	\$ -	\$ 275,000
Bike Facility Maintenance - Delineators and Green Pavement	\$ 150,000	\$ 150,000	\$ 300,000
Bike Safety and Connectivity Spot Improvements	\$ 1,403,113	\$ 1,375,000	\$ 2,778,113
Bikeway Network Upgrades	\$ 75,000	\$ 786,750	\$ 861,750
Central SOMA Implementation Plan	\$ 110,000	\$ -	\$ 110,000
Civic Center Public Realm Plan	\$ 220,000	\$ -	\$ 220,000
Downtown Bike Station	\$ 230,000	\$ 3,640,000	\$ 3,870,000
Embarcadero Enhancement Project	\$ 200,000	\$ -	\$ 200,000
Folsom-Howard Streetscape Project	\$ 500,000	\$ 500,000	\$ 1,000,000
Glen Park Phase II	\$ 200,000	\$ -	\$ 200,000
Hayes Street Follow the Paving	\$ 325,000	\$ 221,000	\$ 546,000
Innovative Bike Treatments	\$ 100,000	\$ 600,000	\$ 700,000
Koshland Park Access Improvements	\$ 450,000	\$ -	\$ 450,000
Lombard Street Safety Project	\$ 7,614,792	\$ 1,000,000	\$ 8,614,792
Market-Octavia Safety Improvements	\$ -	\$ 250,000	\$ 250,000
Oak-Octavia-Laguna Safety Improvements	\$ 750,000	\$ 250,000	\$ 1,000,000
Octavia Boulevard Phase II Enhancement Project	\$ 250,000	\$ 1,640,000	\$ 1,890,000
Pacific Heights and California Campus Pedestrian Safety Improvements	\$ 2,100,000	\$ -	\$ 2,100,000
Page Street Improvement Project (Market to Webster)	\$ 200,000	\$ 975,000	\$ 1,175,000
Palou WalkFirst Corridor Improvements	\$ 2,000,000	\$ -	\$ 2,000,000
Panhandle Path Improvements	\$ 75,000	\$ 630,000	\$ 705,000
Permanent Painted Safety Zone Conversion	\$ 491,757	\$ 1,600,000	\$ 2,091,757
Powell Street Plaza & Transit Reliability Project	\$ -	\$ 1,470,000	\$ 1,470,000
Quick & Effective Pedestrian Safety	\$ -	\$ 835,287	\$ 835,287
Reserve FY17	\$ 2,568,161	\$ -	\$ 2,568,161
Reserve FY18	\$ -	\$ 978,213	\$ 978,213
Schlage Lock Pedestrian Improvements	\$ -	\$ 1,500,000	\$ 1,500,000
SFMTA Garage Unattended Long-Term Bike Parking	\$ -	\$ 27,000	\$ 27,000
Short Term Bicycle Parking	\$ 450,000	\$ 600,000	\$ 1,050,000
Streets Coordination Improvements	\$ 1,265,000	\$ 1,205,507	\$ 2,470,507
Taylor Street Safety Project	\$ 2,300,000	\$ -	\$ 2,300,000
Traffic Calming Backlog Spot Improvements	\$ 1,790,000	\$ -	\$ 1,790,000
Traffic Calming Backlog: Bulb-Outs	\$ 1,500,000	\$ -	\$ 1,500,000
Traffic Safety Improvements Around Schools	\$ 500,000	\$ -	\$ 500,000
Transportation Improvements Coordinated with 5M Development	\$ 500,000	\$ -	\$ 500,000
Upper Market Pedestrian Improvements	\$ -	\$ 1,930,187	\$ 1,930,187
WalkFirst Corridor	\$ -	\$ 226,000	\$ 226,000
WalkFirst Data Refresh	\$ -	\$ 200,000	\$ 200,000
WalkFirst Light Corridor	\$ 274,713	\$ 300,000	\$ 574,713
Western Addition Community Based Transportation Improvements	\$ -	\$ 87,000	\$ 87,000
Wiggle Neighborhood Green Corridor Project	\$ -	\$ 796,787	\$ 796,787
Taxi	\$ 400,000	\$ 400,000	\$ 800,000
Alternative Fuel Vehicle Incentives Program	\$ 200,000	\$ 200,000	\$ 400,000
Reserve FY 17	\$ 90,000	\$ -	\$ 90,000
Reserve FY 18	\$ -	\$ 106,450	\$ 106,450
Taxi Driver Restrooms	\$ 50,000	\$ 50,000	\$ 100,000
Taxi Stand Expansion and Renovation	\$ 60,000	\$ 43,550	\$ 103,550
Traffic/Signals	\$ 23,103,102	\$ 13,625,461	\$ 36,728,563
19th Avenue Signals Upgrades Phase III	\$ 2,520,000	\$ -	\$ 2,520,000
Arguello Boulevard Traffic Signal Upgrades	\$ 240,000	\$ 960,000	\$ 1,200,000
As Needed Traffic Signal Conduit Installation & Repair (FY17)	\$ 400,000	\$ -	\$ 400,000
As Needed Traffic Signal Conduit Installation & Repair (FY18)	\$ -	\$ 400,000	\$ 400,000
City Coordination Opportunities: New Signals (FY17)	\$ 150,000	\$ -	\$ 150,000
Citywide Signal Cabinet Upgrades	\$ 500,000	\$ -	\$ 500,000

Program/Project	FY 2017	FY 2018	Total 2-Year Funding
Citywide Signal Controller Upgrades	\$ 500,000	\$ -	\$ 500,000
Contract 34: Traffic Signal Modifications	\$ 2,640,000	\$ -	\$ 2,640,000
Contract 35: Traffic Signal Modifications	\$ 660,000	\$ 2,640,000	\$ 3,300,000
Contract 63: New Traffic Signals	\$ 1,500,000	\$ -	\$ 1,500,000
Contract 64: New Traffic Signals	\$ 300,000	\$ 1,500,000	\$ 1,800,000
Golden State Warriors Stadium Mitigation Measures & Upgrades	\$ 336,000	\$ 1,764,000	\$ 2,100,000
Gough Street Signal Upgrades	\$ -	\$ 650,000	\$ 650,000
Grants & Development Opportunities: New Traffic Signals (FY18)	\$ -	\$ 1,125,000	\$ 1,125,000
Intelligent Transportation Systems Traffic Camera Deployment	\$ 2,000,000	\$ -	\$ 2,000,000
New Pedestrian Countdown Signals or Accessible Pedestrian Signals (FY17)	\$ 200,000	\$ -	\$ 200,000
New Pedestrian Countdown Signals or Accessible Pedestrian Signals (FY18)	\$ -	\$ 200,000	\$ 200,000
NoMa/SoMa Signal Retiming & Upgrades	\$ 520,000	\$ 3,221,900	\$ 3,741,900
Red Light Camera Upgrades	\$ 500,000	\$ 500,000	\$ 1,000,000
Reserve FY17	\$ 87,102	\$ -	\$ 87,102
Reserve FY18	\$ -	\$ 14,561	\$ 14,561
T Third Transit Signal Priority	\$ 1,500,000	\$ 500,000	\$ 2,000,000
Traffic Signal Visibility Upgrades (FY18)	\$ -	\$ 150,000	\$ 150,000
Walkfirst New Signals on High Injury Corridor Phase I	\$ 2,490,000	\$ -	\$ 2,490,000
Walkfirst Pedestrian Countdown Signals Phase I	\$ 3,360,000	\$ -	\$ 3,360,000
Walkfirst Pedestrian Countdown Signals Phase II	\$ 500,000	\$ -	\$ 500,000
Webster Street Pedestrian Signal Upgrades	\$ 1,200,000	\$ -	\$ 1,200,000
Traffic Signal Upgrades	\$ 1,000,000	\$ -	\$ 1,000,000
Transit Fixed Guideway	\$ 43,690,073	\$ 62,866,997	\$ 106,557,069
19th Avenue M-Line Curved Track Replacement	\$ 6,365,000	\$ -	\$ 6,365,000
Automatic Train Control System Replacement Parts	\$ -	\$ 1,500,000	\$ 1,500,000
Cable Car Curved Track Replacement	\$ 640,000	\$ -	\$ 640,000
Cable Car Gear Box Rehabilitation	\$ 6,400,000	\$ -	\$ 6,400,000
Cable Car Sheave Rebuild	\$ 680,000	\$ -	\$ 680,000
Divide Feeder Circuit Carl and 11th	\$ -	\$ 420,000	\$ 420,000
Eureka Gap Station Upgrade	\$ 275,000	\$ -	\$ 275,000
FY 17 Reserve	\$ 1,691,400	\$ -	\$ 1,691,400
Heavy Track Maintenance Program: Replacement of Special Trackwork and Rail at Miscellaneous Locations (Surface)	\$ -	\$ 4,243,332	\$ 4,243,332
Islais Creek Bridge Overhead Reconstruction	\$ 510,000	\$ 3,400,000	\$ 3,910,000
L-Line Track and Overhead Replacement	\$ 3,350,000	\$ -	\$ 3,350,000
Marina Substation Upgrade	\$ -	\$ 361,000	\$ 361,000
Market Street F-Line Track Pavement Repair	\$ -	\$ 3,000,000	\$ 3,000,000
Muni Metro Twin Peaks Track Replacement	\$ 1,396,095	\$ -	\$ 1,396,095
Muni Track and Traction Power Condition Assessment	\$ 500,000	\$ -	\$ 500,000
Rail Grinding	\$ 295,000	\$ 4,716,030	\$ 5,011,030
Rail Signal Upgrades at Priority Locations	\$ 6,622,578	\$ 2,277,422	\$ 8,900,000
Reconfigure 4th and King Interlocking	\$ -	\$ 822,000	\$ 822,000
Repair Overhead Lines at Priority Locations	\$ 540,000	\$ 4,760,000	\$ 5,300,000
Replacement of Manual Trolley Switch System	\$ 190,000	\$ 422,500	\$ 612,500
San Jose Substation Upgrade Phase I	\$ 95,000	\$ 635,000	\$ 730,000
Special Track Replacement in the Subway	\$ -	\$ 1,413,045	\$ 1,413,045
Special Trackwork and Surface Rail Replacement	\$ 800,000	\$ 6,481,668	\$ 7,281,668
Subway Electrical and Mechanical Systems Improvement Program	\$ 1,450,000	\$ 405,000	\$ 1,855,000
Subway Replacement Wiring Phase I - Van Ness	\$ 2,500,000	\$ -	\$ 2,500,000
Ultrasonic Rail Testing Program	\$ 750,000	\$ -	\$ 750,000
Upgrade Traction Power at Priority Locations	\$ 240,000	\$ 5,060,000	\$ 5,300,000
West Portal and Forest Hill Automatic Train Control Crossover Integration	\$ 400,000	\$ 5,450,000	\$ 5,850,000
Cable Car Turntable Upgrades	\$ -	\$ 6,400,000	\$ 6,400,000
Cable Car Automatic Transfer Switch	\$ -	\$ 6,100,000	\$ 6,100,000
Safety Improvements: Powell Cable Car	\$ 3,000,000	\$ -	\$ 3,000,000
Surface Switch Replacement	\$ 5,000,000	\$ 5,000,000	\$ 10,000,000
Transit Optimization/Expansion	\$ 196,540,317	\$ 184,359,873	\$ 380,900,190
14 Mission - 11th St to Randall (Inner) Rapid Project	\$ 3,320,000	\$ -	\$ 3,320,000
14 Mission - Randall to Terminal (Outer) Rapid Project	\$ -	\$ 383,000	\$ 383,000
14 Mission OCS Improvements on Mission Street between 30th and Cortland	\$ 1,500,000	\$ -	\$ 1,500,000
22 Fillmore - 16th Street Transit Priority Project	\$ 5,000,000	\$ 7,569,000	\$ 12,569,000
22 Fillmore - OCS on Church/Duboce Transit Priority Project	\$ 1,200,000	\$ -	\$ 1,200,000
27 Bryant Tenderloin Transit Reliability Project	\$ -	\$ 6,889,800	\$ 6,889,800
28 19th Ave - S of GG Park Rapid Project	\$ 7,358,000	\$ 4,413,000	\$ 11,771,000
30 Stockton - Chestnut Transit Priority Project	\$ 2,170,500	\$ 1,154,500	\$ 3,325,000
30 Stockton - North Point & Polk (coordinated with Polk Streetscape) Transit Priority Project	\$ 372,000	\$ -	\$ 372,000
30 Stockton - North Point, Columbus, and Northern Stockton to Broadway Transit Priority Project	\$ 1,566,900	\$ 1,566,900	\$ 3,133,800
30 Stockton - Stockton (Broadway to Tunnel) Transit Priority Project	\$ -	\$ 4,511,751	\$ 4,511,751

Program/Project	FY 2017	FY 2018	Total 2-Year Funding
30 Stockton - Van Ness & Bay (coordinated with VNBRT) Transit Priority Project	\$ -	\$ 202,000	\$ 202,000
31 Balboa Transit Priority and Pedestrian Accessibility Improvements	\$ 1,440,000	\$ -	\$ 1,440,000
41/45 OCS Expansion at Presidio Terminal	\$ 1,000,000	\$ -	\$ 1,000,000
7 Haight-Noriega - Stanyan to Masonic + Signals Transit Priority Project	\$ -	\$ 3,140,000	\$ 3,140,000
8 Bayshore - Geneva & Vis Valley Transit Priority Project	\$ 1,526,220	\$ 6,522,132	\$ 8,048,352
8 Bayshore - Kearny Street Transit Reliability Project	\$ 300,000	\$ -	\$ 300,000
8 Bayshore - San Bruno Ave	\$ 460,000	\$ 40,000	\$ 500,000
Better Market Street	\$ 20,212,502	\$ 51,462,502	\$ 71,675,004
California Cable Car Safety Improvements	\$ 240,000	\$ -	\$ 240,000
Cathedral Hill Transit Signal Priority	\$ 575,000	\$ -	\$ 575,000
Central Subway Phase 3 Planning and Outreach	\$ 1,250,000	\$ -	\$ 1,250,000
E/F - Pier 39 Platform Relocation	\$ 946,388	\$ -	\$ 946,388
FY 17 Reserve	\$ 364,174	\$ -	\$ 364,174
FY 18 Reserve	\$ -	\$ 848,000	\$ 848,000
Geary BRT Phase 1: Design and Construction of Near-Term Improvements	\$ 32,392,500	\$ -	\$ 32,392,500
Geary BRT Phase 2 : CER & Preliminary Detail Design	\$ 6,350,975	\$ -	\$ 6,350,975
Geneva Harney Bus Rapid Transit Project	\$ 4,338,174	\$ 66,438	\$ 4,404,612
L Taraval - Surface Route Rapid Project	\$ -	\$ 17,759,500	\$ 17,759,500
Local Bus Transit Signal Priority Intersection Deployments	\$ 1,990,000	\$ 350,000	\$ 2,340,000
M Line / 19th Avenue Subway	\$ 2,744,300	\$ 20,055,700	\$ 22,800,000
Mission Bay Loop	\$ 1,667,947	\$ -	\$ 1,667,947
Muni Forward Programmatic Corridors: Planning and Conceptual Engineering	\$ -	\$ 3,340,584	\$ 3,340,584
Muni Metro Subway Station Enhancements	\$ 765,000	\$ 280,000	\$ 1,045,000
N Judah - Carl and Cole Transit and Streetscape Enhancements	\$ 450,000	\$ -	\$ 450,000
Rail Transit Signal Priority Intersection Deployments	\$ 1,355,000	\$ 350,000	\$ 1,705,000
Surface Signaling on Embarcadero and Third Street	\$ 1,550,000	\$ -	\$ 1,550,000
T Third - Warriors Platform Expansion and Crossover Tracks	\$ 3,410,000	\$ -	\$ 3,410,000
Transit Optimization, Reliability and Expansion Projects	\$ -	\$ 25,000,000	\$ 25,000,000
Transit Performance Initiative - Local Match	\$ 600,821	\$ -	\$ 600,821
Transit Reliability Spot Improvements	\$ -	\$ 960,000	\$ 960,000
Turnback Pocket Track at Harrison	\$ 475,438	\$ 774,562	\$ 1,250,000
Van Ness Bus Rapid Transit	\$ 77,848,478	\$ 16,891,504	\$ 94,739,982
K Ingleside Signal Priority	\$ 9,600,000	\$ -	\$ 9,600,000
T Third Signal Priority	\$ -	\$ 2,000,000	\$ 2,000,000
Parking	\$ 1,200,000	\$ 5,000,000	\$ 6,200,000
FY 17 Reserve	\$ 200,000	\$ -	\$ 200,000
Elevator Modernization	\$ -	\$ 5,000,000	\$ 5,000,000
Life Safety Upgrades	\$ 1,000,000	\$ -	\$ 1,000,000
Other	\$ 3,700,000	\$ 4,650,000	\$ 8,350,000
Citywide Transportation Demand Management Marketing	\$ 100,000	\$ 250,000	\$ 350,000
Targeted Counterterrorism Training and Multiagency Security/Emergency Preparedness	\$ -	\$ 1,000,000	\$ 1,000,000
Transportation Demand Management Program Evaluation	\$ 100,000	\$ -	\$ 100,000
Grand Total	\$ 1,083,870,246	\$ 859,976,560	\$ 1,943,846,806


2-Year Capital Budget

SCHEDULE 3: FUNDS SUMMARY

The following is a summary of all funding sources for the two-year capital budget.

Fund	Fund Name	FY2017	FY2018	Total 2-Year Funding
Proposition 1B Security Grant	CalEMA-CTSGP(Prop1B)-FY15	\$ 7,000,000	\$ -	\$ 7,000,000
Proposition 1B Security Grant	CalEMA-CTSGP(Prop1B)-FY16	\$ 7,070,567	\$ -	\$ 7,070,567
Proposition 1B Security Grant	CalEMA-CTSGP(Prop1B)-FY17	\$ -	\$ 7,070,567	\$ 7,070,567
California Regional Active Transportation Program	Caltrans-ATP-Regional-FY17	\$ 1,824,000	\$ -	\$ 1,824,000
California Cap and Trade Auction Proceeds	Caltrans-Cap&Trade-FY17	\$ 82,550,000	\$ -	\$ 82,550,000
California Cap and Trade Auction Proceeds	Caltrans-Cap&Trade-FY18	\$ -	\$ 78,550,000	\$ 78,550,000
Caltrans Highway Safety Improvement Program	Caltrans-HSIP-Cycle7	\$ 520,000	\$ 3,221,900	\$ 3,741,900
Caltrans Highway Safety Improvement Program	Caltrans-HSIP-Cycle8	\$ -	\$ 1,125,000	\$ 1,125,000
Caltrans Sustainable Transportation Planning Grant	Caltrans-Planning-FY17	\$ 600,000	\$ -	\$ 600,000
Caltrans Sustainable Transportation Planning Grant	Caltrans-Planning-FY18	\$ -	\$ 200,000	\$ 200,000
Proposition 1B - Transit	Caltrans-PTMISEA(Prop1B)-FY14	\$ 1,256,166	\$ 324,510	\$ 1,580,676
Proposition 1B - Transit	Caltrans-PTMISEA(Prop1B)-FY17	\$ 2,428,102	\$ -	\$ 2,428,102
Proposition 1B - Transit Interest	Caltrans-PTMISEA(Prop1B)-Interest-FY14	\$ 938,781	\$ -	\$ 938,781
State Highway Operations and Protections Program	Caltrans-SHOPP-FY17	\$ 6,326,897	\$ -	\$ 6,326,897
State Highway Operations and Protections Program	Caltrans-SHOPP-FY18	\$ -	\$ 977,971	\$ 977,971
California Office of Traffic Safety Grant Program	CAOTS-OTS-FY17	\$ 250,000	\$ -	\$ 250,000
California Office of Traffic Safety Grant Program	CAOTS-OTS-FY18	\$ -	\$ 250,000	\$ 250,000
Central Freeway Land Sales	CCSF-CentralFreewayProceeds	\$ 4,218,102	\$ 3,163,534	\$ 7,381,636
Proposition B General Fund Set-Aside	CCSF-GeneralFund(PropB)-FY17	\$ 36,306,000	\$ 1,764,000	\$ 38,070,000
Proposition B General Fund Set-Aside	CCSF-GeneralFund(PropB)-FY18	\$ -	\$ 33,800,000	\$ 33,800,000
Proposition B General Fund Set-Aside	CCSF-GeneralFund-FY17	\$ 3,410,000	\$ -	\$ 3,410,000
San Francisco General Obligation Bond Revenue	CCSF-GOBOND-FY16	\$ 56,880,343	\$ 12,500,000	\$ 69,380,343
San Francisco General Obligation Bond Revenue	CCSF-GOBOND-FY17	\$ 64,005,954	\$ -	\$ 64,005,954
San Francisco General Obligation Bond Revenue	CCSF-GOBOND-FY18	\$ -	\$ 82,675,463	\$ 82,675,463
Development Impact Fees (Balboa Park)	CCSF-IPIC-BP-FY17	\$ 36,000	\$ 103,000	\$ 139,000
Development Impact Fees (Balboa Park)	CCSF-IPIC-BP-FY18	\$ -	\$ 189,000	\$ 189,000
Development Impact Fees (Eastern Neighborhoods)	CCSF-IPIC-EN-FY15	\$ 347,000	\$ -	\$ 347,000
Development Impact Fees (Eastern Neighborhoods)	CCSF-IPIC-EN-FY16	\$ 153,000	\$ 500,000	\$ 653,000
Development Impact Fees (Eastern Neighborhoods)	CCSF-IPIC-EN-FY18	\$ -	\$ 7,569,000	\$ 7,569,000
Development Impact Fees (Market Octavia)	CCSF-IPIC-MO-FY14	\$ -	\$ 384,087	\$ 384,087
Development Impact Fees (Market Octavia)	CCSF-IPIC-MO-FY16	\$ 1,825,000	\$ 975,000	\$ 2,800,000
Development Impact Fees (Market Octavia)	CCSF-IPIC-MO-FY17	\$ 450,000	\$ 2,407,100	\$ 2,857,100
Development Impact Fees (Market Octavia)	CCSF-IPIC-MO-FY18	\$ -	\$ 6,265,910	\$ 6,265,910
Development Impact Fees (Transit Center District)	CCSF-IPIC-TC-FY17	\$ 4,000,000	\$ -	\$ 4,000,000
Potential November 2016 Ballot Initiative	CCSF-NEWREVENUE-FY18	\$ -	\$ 45,000,000	\$ 45,000,000
Transportation Sustainability Fee	CCSF-TSF-FY17	\$ 2,520,000	\$ -	\$ 2,520,000
Transportation Sustainability Fee	CCSF-TSF-FY18	\$ -	\$ 760,000	\$ 760,000
Transportation and Street Infrastructure Program	CCSF-TSIP-FY16	\$ 1,000,000	\$ -	\$ 1,000,000
Development Agreement (5M)	Developer-5M	\$ 500,000	\$ -	\$ 500,000
Development Impact Fees (California Pacific Medic	Developer-CPMC-FY16	\$ 1,250,000	\$ -	\$ 1,250,000
Development Impact Fees (California Pacific Medic	Developer-CPMC-FY17	\$ 2,675,000	\$ 1,250,000	\$ 3,925,000
Development Agreement (ParkMerced)	Developer-ParkMerced	\$ -	\$ 20,055,700	\$ 20,055,700
FTA 5307 Formula Funds	FTA-5307-FY15	\$ -	\$ 500,000	\$ 500,000
FTA 5307 Formula Funds	FTA-5307-FY16	\$ -	\$ 500,000	\$ 500,000
FTA 5307 Formula Funds	FTA-5307-FY17	\$ -	\$ 500,000	\$ 500,000
FTA 5339 Bus and Bus Facilities Program	FTA-5309-BUS-FY17	\$ 13,000,000	\$ -	\$ 13,000,000
FTA 5309 Fixed Guideway Funds	FTA-5309-FG-FY07	\$ 113,665	\$ -	\$ 113,665
FTA 5309 Fixed Guideway Funds	FTA-5309-FG-FY09	\$ 3,042,578	\$ -	\$ 3,042,578
FTA 5309 Fixed Guideway Funds	FTA-5309-FG-FY11	\$ 2,662,319	\$ 4,393,318	\$ 7,055,637
FTA 5309 Fixed Guideway Funds	FTA-5309-FG-FY12	\$ 6,665,240	\$ 41,600	\$ 6,706,840
FTA 5309 New Starts Program	FTA-5309-NS-FY16	\$ 150,000,000	\$ -	\$ 150,000,000
FTA 5309 New Starts Program	FTA-5309-NS-FY17	\$ -	\$ 150,000,000	\$ 150,000,000
FTA 5309 Small Starts Program	FTA-5309-SS-FY16	\$ 30,000,000	\$ -	\$ 30,000,000
FTA 5310 New Freedom Program	FTA-5310-NF-FY15	\$ 350,000	\$ -	\$ 350,000
FTA 5337 Fixed Guideway Funds	FTA-5337-FG-FY13	\$ 4,956,111	\$ 900,000	\$ 5,856,111
FTA 5337 Fixed Guideway Funds	FTA-5337-FG-FY15	\$ 4,344,699	\$ 490,436	\$ 4,835,135
FTA 5337 Fixed Guideway Funds	FTA-5337-FG-FY16	\$ 5,854,008	\$ 11,214,593	\$ 17,068,600
FTA 5337 Fixed Guideway Funds	FTA-5337-FG-FY17	\$ -	\$ 19,546,659	\$ 19,546,659
Federal Formula Funds Programmed through MTC	FTA-TCP-FY17	\$ 253,045,461	\$ -	\$ 253,045,461
Federal Formula Funds Programmed through MTC	FTA-TCP-FY18	\$ -	\$ 163,035,230	\$ 163,035,230
MTC AB664 Bridge Toll Funds	MTC-AB664-FY13	\$ 471,595	\$ 280,405	\$ 752,000
MTC AB664 Bridge Toll Funds	MTC-AB664-FY14	\$ 494,439	\$ 112,909	\$ 607,349
MTC Climate Initiatives CMAQ	MTC-Climate-FY17	\$ 500,000	\$ -	\$ 500,000
Lifeline Transportation Program	MTC-Lifeline-Cycle5	\$ -	\$ 6,889,800	\$ 6,889,800
TDA Article 3 Funds	MTC-TDAArticle3-FY15	\$ 123,660	\$ -	\$ 123,660
TDA Article 3 Funds	MTC-TDAArticle3-FY16	\$ 510,548	\$ -	\$ 510,548
TDA Article 3 Funds	MTC-TDAArticle3-FY17	\$ 533,953	\$ -	\$ 533,953
TDA Article 3 Funds	MTC-TDAArticle3-FY18	\$ -	\$ 375,000	\$ 375,000
Transit Performance Initiatives	MTC-TPI-Incentive-FY17	\$ 5,337,402	\$ -	\$ 5,337,402
Transit Performance Initiatives	MTC-TPI-MC-FY18	\$ 10,000,000	\$ -	\$ 10,000,000
OHS Transit Security Grant Program	OHS-TSGP-FY17	\$ 2,800,000	\$ -	\$ 2,800,000
OHS Transit Security Grant Program	OHS-TSGP-FY18	\$ -	\$ 6,800,000	\$ 6,800,000

Fund	Fund Name	FY2017	FY2018	Total 2-Year Funding
SFCTA One Bay Area Grant Program	SFCTA-OBAG-FY17	\$ -	\$ 30,000,000	\$ 30,000,000
San Francisco Proposition AA Vehicle Registration	SFCTA-PropAA-FY17	\$ 2,169,757	\$ -	\$ 2,169,757
San Francisco Proposition AA Vehicle Registration	SFCTA-PropAA-FY18	\$ -	\$ 1,190,000	\$ 1,190,000
San Francisco Proposition K Sales Taxes EP1	SFCTA-SalesTax(PropK)-EP1	\$ 17,790,212	\$ 3,340,584	\$ 21,130,796
San Francisco Proposition K Sales Taxes EP13	SFCTA-SalesTax(PropK)-EP13	\$ 1,500,000	\$ -	\$ 1,500,000
San Francisco Proposition K Sales Taxes EP15	SFCTA-SalesTax(PropK)-EP15	\$ 5,267,474	\$ -	\$ 5,267,474
San Francisco Proposition K Sales Taxes EP17M	SFCTA-SalesTax(PropK)-EP17M	\$ 29,424,243	\$ 75,693,544	\$ 105,117,787
San Francisco Proposition K Sales Taxes EP20M	SFCTA-SalesTax(PropK)-EP20M	\$ 19,751,595	\$ 7,100,000	\$ 26,851,595
San Francisco Proposition K Sales Taxes EP22M	SFCTA-SalesTax(PropK)-EP22M	\$ 3,467,219	\$ 8,387,077	\$ 11,854,296
San Francisco Proposition K Sales Taxes EP27	SFCTA-SalesTax(PropK)-EP27	\$ 1,815,000	\$ -	\$ 1,815,000
San Francisco Proposition K Sales Taxes EP30	SFCTA-SalesTax(PropK)-EP30	\$ 425,000	\$ 500,000	\$ 925,000
San Francisco Proposition K Sales Taxes EP31	SFCTA-SalesTax(PropK)-EP31	\$ 2,868,473	\$ 1,500,000	\$ 4,368,473
San Francisco Proposition K Sales Taxes EP32	SFCTA-SalesTax(PropK)-EP32	\$ 2,000,000	\$ 506,611	\$ 2,506,611
San Francisco Proposition K Sales Taxes EP33	SFCTA-SalesTax(PropK)-EP33	\$ 9,798,629	\$ 4,257,950	\$ 14,056,579
San Francisco Proposition K Sales Taxes EP37	SFCTA-SalesTax(PropK)-EP37	\$ 150,000	\$ 150,000	\$ 300,000
San Francisco Proposition K Sales Taxes EP38	SFCTA-SalesTax(PropK)-EP38	\$ 4,450,000	\$ 700,000	\$ 5,150,000
San Francisco Proposition K Sales Taxes EP39	SFCTA-SalesTax(PropK)-EP39	\$ 430,000	\$ 713,103	\$ 1,143,103
San Francisco Proposition K Sales Taxes EP40	SFCTA-SalesTax(PropK)-EP40	\$ 2,000,000	\$ -	\$ 2,000,000
San Francisco Proposition K Sales Taxes EP43	SFCTA-SalesTax(PropK)-EP43	\$ 550,000	\$ 800,000	\$ 1,350,000
San Francisco Proposition K Sales Taxes EP44	SFCTA-SalesTax(PropK)-EP44	\$ -	\$ 1,276,000	\$ 1,276,000
Transportation Fund for Clean Air	SFCTA-TFCA-PM-FY17	\$ 650,000	\$ -	\$ 650,000
Transportation Fund for Clean Air	SFCTA-TFCA-PM-FY18	\$ -	\$ 950,000	\$ 950,000
SFMTA Operating Funds	SFMTA-Operating-FY15	\$ 100,000	\$ 300,000	\$ 400,000
SFMTA Operating Funds	SFMTA-Operating-FY16	\$ -	\$ 50,000	\$ 50,000
SFMTA Operating Funds	SFMTA-Operating-FY17	\$ 2,000,000	\$ -	\$ 2,000,000
SFMTA Operating Funds	SFMTA-Operating-FY18	\$ -	\$ 2,000,000	\$ 2,000,000
SFMTA Revenue Bond (Series 2013)	SFMTA-RevBond-2013	\$ 3,268,200	\$ -	\$ 3,268,200
SFMTA Revenue Bond (Series 2014)	SFMTA-RevBond-2014	\$ 4,294,376	\$ -	\$ 4,294,376
SFMTA Revenue Bond (Series 2017)	SFMTA-RevBond-2017	\$ 132,853,479	\$ -	\$ 132,853,479
Transit Impact Development Fee	SFMTA-TIDF-FY17	\$ 17,000,000	\$ -	\$ 17,000,000
USDOT Smart City Challenge	USDOT-SmartCityChallenge-FY17	\$ 100,000	\$ -	\$ 100,000
SFMTA Operating Funds	SFMTA-Operating	\$ 34,600,000	\$ 43,900,000	\$ 78,500,000
TOTAL ALL FUNDS		\$ 1,083,870,246	\$ 859,976,560	\$ 1,943,846,806



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