



RESOLUTION APPROVING \$255,000 IN FISCAL YEAR 2017/18 TRANSPORTATION FUND FOR CLEAN AIR FUNDS FOR THE SAN FRANCISCO MUNICIPAL TRANSPORTATION AGENCY'S (SFMTA'S) BIKE SHARE PHASE 4 EXPANSION PROJECT AND AUTHORIZING THE EXECUTIVE DIRECTOR TO ENTER INTO AN AGREEMENT WITH THE SFMTA, ESTABLISHING CONDITIONS FOR THE USE OF THESE FUNDS

WHEREAS, On March 7, 2017, the Transportation Authority solicited applications for projects from eligible project sponsors for Fiscal Year (FY) 2017/18 Transportation Fund for Clean Air Funds (TFCA) funds, and by April 28, 2017, received five applications requesting a total of \$1,116,832 in TFCA funds; and

WHEREAS, Transportation Authority staff, working in consultation with project sponsors, reviewed and prioritized the applications for funding based on Air District TFCA guidelines and the Transportation Authority's adopted Local Expenditure Criteria (Resolution 17-28); and

WHEREAS, The Transportation Authority's adopted Local Expenditure Criteria include review of eligibility per the Air District's guidelines, calculation of the cost effectiveness ratio for each project, and other factors; and

WHEREAS, Transportation Authority staff recommended fully funding three projects and partially funding two projects as shown in Attachments 1 and 2; and

WHEREAS, At its May 24, 2017 meeting, the Citizens Advisory Committee was briefed on San Francisco's FY 2017/18 TFCA Program of Programs and unanimously adopted a motion of support for the staff recommendation; and

WHEREAS, At its June 27, 2017 meeting, the Board severed the San Francisco Municipal Transportation Agency's (SFMTA's) request for \$255,000 for the Bike Share Phase 4 Expansion



project to be considered separately; now, therefore, be it

RESOLVED, That the Transportation Authority hereby approves \$255,000 in FY 2017/18 TFCA funds for the SFMTA's Bike Share Phase 4 Expansion project as shown in Attachments 1 and 2; and be it further

RESOLVED, That the Executive Director is authorized to execute a funding agreement with the SFMTA to pass-through these funds for implementation of this project, establishing such terms and conditions governing cash drawdowns, financial and program audits, and reporting as necessary to comply with the requirements imposed by the Air District for the use of the funds and as required by the Transportation Authority in order to optimize the use of these of funds.

Attachments (2):

1. FY 2017/18 TFCA Program of Projects – Detailed Recommendation
2. FY 2017/18 TFCA Program of Projects – Summary Recommendation

Attachment 1  
 San Francisco County Transportation Authority  
 Draft Fiscal Year 2017/18 TFCA Program of Projects – Detailed Staff Recommendation<sup>5</sup>

PROJECTS RECOMMENDED FOR TFCA FUNDS [sorted by cost-effectiveness (CE) ratio]										
No.	Sponsor <sup>1</sup>	Project Description	District	Project Type <sup>2</sup>	Prop K Eligible	CE Ratio <sup>3</sup>	CO <sub>2</sub> Tons Reduced <sup>4</sup>	Total Project Cost	TFCA Amount Requested	TFCA Amount Proposed
1	SFE	<b>Emergency Ride Home</b> - Provides a free or low cost ride home in cases of emergency for employees who use alternative modes to get to work. The ride comes in the form of taxi, carshare or rental car reimbursement to employees of businesses participating in the program when a supervisor-approved unscheduled overtime or an emergency situation occurs. This program provides one year of funding for processing employer registrations and reimbursements.	Citywide	1	Yes	\$13,604	1656.4	\$41,832	\$41,832	\$ 41,832
2	SFMTA	<b>Bike Share Phase 4 Expansion<sup>5</sup></b> - The SFMTA will review station sites and designs, legislate curb and parking changes if needed, and issue bike share station and special traffic permits for an additional 96 stations/1,350 bikes in San Francisco as part of the Ford GoBike.	1, 2, 4, 5, 7, 11	1	Yes	\$36,202	3708.1	\$318,000	\$255,000	\$ 255,000
3	SFMTA	<b>Alternative Fuel Taxicab Incentive Program</b> - This project is an Alternative Fuel Rebate/Incentive Program for new vehicles. Under this program, taxicab companies will have the opportunity to purchase new alternative fuel vehicles (hybrid, CNG, or electric) and will be able to submit proof of purchase materials to receive a rebate of up to \$3,900. Our recommendation is to partially fund this request. A recent rule change has increased the maximum allowed age and mileage of taxis, resulting in a temporary decrease in demand for new vehicles. The SFMTA has an existing TFCA grant for this program that it is spending down more slowly than anticipated.	Citywide	3	No	\$66,539	973.16188	\$250,000	\$250,000	\$ 79,964
4	SFMTA	<b>Paratransit Sedans</b> - Replace ten (10) aging SF Paratransit diesel and gasoline cutaway vehicles (22' vans) with hybrid sedans. SFMTA's paratransit fleet is currently 100% the larger, wheelchair accessible vehicles; however, approximately 70% of SF Access riders are ambulatory riders who do not require a wheelchair lift, and may actually be more comfortable riding in a sedan. <b>Requires TFCA Policy Waiver</b> - Funding this project requires a waiver from the Bay Area Air Quality Management District to allow the cost-effectiveness ratio to reflect the emissions reductions of replacing the actual, existing cutaway vans, rather than hypothetical gasoline vehicles in the same weight class as the proposed hybrid sedans. A decision on the waiver is expected in Fall 2017.	Citywide	3	Yes	\$108,400	347.3	\$300,000	\$270,000	\$ 270,000
5	SFMTA	<b>Short Term Bicycle Parking</b> - Bicycle parking spaces provide end-of-trip facilities for new bicycle trips thereby replacing vehicle trips and reducing motor vehicle emissions. This project would plan, design, and install 600 previously purchased bicycle parking racks in San Francisco, providing an additional 1200 bicycle parking spaces. Our recommendation is to partially fund this project due to the limited funds available. This would result in 160 racks or 320 parking spaces being installed.	Citywide	1	Yes	\$249,053	130.0	\$511,866	\$300,000	\$ 79,964
<b>TOTAL</b>								<b>\$1,421,698</b>	<b>\$1,116,832</b>	<b>\$726,760</b>
Total TFCA Funding Available for Projects:									\$726,760	
Surplus/(Shortfall)									\$	-

No.	Sponsor <sup>1</sup>	Project Description	District	Project Type <sup>2</sup>	Prop K Eligible	CE Ratio <sup>3</sup>	CO <sub>2</sub> Tons Reduced <sup>4</sup>	Total Project Cost	TFCA Amount Requested	TFCA Amount Proposed
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**TABLE B. PROJECTS RECOMMENDED FOR TFCA FUNDS CONTINGENT ON AVAILABILITY OF ADDITIONAL FUNDS**

Funding for these projects is contingent upon the Air District rejecting the requested TFCA policy waiver for the Paratransit Sedans project, which would then not be funded.

1	SFMTA	<b>Short Term Bicycle Parking (Additional Funds)</b> - Fully fund the Short Term Bicycle Parking request (see above). Additional funds would fund the installation of an additional 440 racks, for a grand total of 600 racks/1200 parking spaces.	Citywide	1	Yes	\$249,053	357.6	See above.	See above.	\$ 220,036
2	SFMTA	<b>Alternative Fuel Taxicab Incentive Program (Additional Funds)</b> - Provide additional funds (for a total of up to \$130,000 of the \$300,000 requested) for the Alternative Fuel Rebate/Incentive Program (see above).	Citywide	3	No	\$66,539	608.1	See above.	See above.	\$ 49,964

**Total: \$ 270,000**

<sup>1</sup> Sponsor acronyms include Department of the Environment (SFE) and San Francisco Municipal Transportation Agency (SFMTA).

<sup>2</sup> Priority based on project type is established in the Local Expenditure Criteria, with zero-emissions non-vehicle projects as the highest priority, followed by shuttle services, followed in turn by alternative fuel vehicle projects, and finally any other eligible project.

<sup>3</sup> The TFCA cost effectiveness ratio (CE) is designed to measure the cost effectiveness of a project in reducing motor vehicle air pollutant emissions and to encourage projects that contribute funding from non-TFCA sources. CE ratio limits vary by project type: for FY 2017/18, the limit for Ridesharing Projects, which encompasses transit and transportation demand management projects, including Emergency Ride Home, is \$150,000 per ton of emissions reduced, the limit for the Bicycle Projects and Alternative Fuel Light-Duty Vehicles categories is \$250,000 per ton of emissions reduced and the limit for Bike Share projects is \$500,000 per ton of emissions reduced.

<sup>4</sup> CO<sub>2</sub> Reduction is based on tons of carbon dioxide reduced over the lifetime of the project. This figure is calculated in the cost effectiveness worksheet.

<sup>5</sup> All projects are anticipated to be approved as part of Resolution 18-01 with the exception of the Bike Share Phase 4 Expansion project, which is proposed for approval as part of pending Resolution 18-XX.

**Attachment 2**  
**San Francisco County Transportation Authority**  
**Fiscal Year 2017/18 Transportation Fund for Clean Air County Program Manager Fund**  
**Summary of Draft Recommendations<sup>2</sup>**

<b>RECOMMENDED PROJECTS (sorted by cost-effectiveness (CE) ratio)</b>				
<b>Sponsor<sup>1</sup></b>	<b>Project</b>	<b>Total Project Cost</b>	<b>TFCA Requested</b>	<b>TFCA Recommended</b>
SFE	Emergency Ride Home	\$41,832	\$41,832	\$41,832
SFMTA	Bike Share Phase 4 Expansion <sup>2</sup>	\$318,000	\$255,000	\$255,000
SFMTA	Alternative Fuel Taxicab Incentive Program	\$250,000	\$250,000	\$79,964
SFMTA	Paratransit Sedans	\$300,000	\$270,000	\$270,000
SFMTA	Short Term Bicycle Parking	\$511,866	\$300,000	\$79,964
	<b>Totals:</b>	<b>\$1,421,698</b>	<b>\$1,116,832</b>	<b>\$726,760</b>

**Total TFCA Funding Available for Projects:** **\$726,760**

<sup>1</sup>See Attachment 2 for acronyms and other notes.

<sup>2</sup>All projects are anticipated to be approved as part of Resolution 18-01 with the exception of the Bike Share Phase 4 Expansion project, which is proposed for approval as part of pending Resolution 18-XX.