



RESOLUTION APPROVING THE FISCAL YEAR 2014/15 TRANSPORTATION FUND FOR CLEAN AIR PROGRAM OF PROJECTS AND AUTHORIZING THE EXECUTIVE DIRECTOR TO EXECUTE A CONTRACT WITH THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT FOR \$1,083,595 IN FISCAL YEAR 2014/15 FUNDS AND TO ENTER INTO AGREEMENTS WITH APPLICABLE PUBLIC AGENCIES, ESTABLISHING CONDITIONS FOR THE USE OF THESE FUNDS

WHEREAS, On June 15, 1992, the Board of Supervisors of the City and County of San Francisco designated the San Francisco County Transportation Authority (Transportation Authority) as the Program Manager of the local guaranteed portion of the Transportation Fund for Clean Air (TFCA) funds; and

WHEREAS, As Local Program Manager, the Transportation Authority is required to file an expenditure plan application with the Bay Area Air Quality Management District (Air District) for the upcoming fiscal year's funding cycle, which was submitted to the Air District on March 3, 2014; and

WHEREAS, After netting out 5% (\$37,355) for administrative expenses as allowed by Air District guidelines and including deobligated and previously unallocated funds, the Transportation Authority is expected to have \$1,046,239 in Fiscal Year 2014/15 TFCA funds to program to eligible projects; and

WHEREAS, On January 31, 2014, the Transportation Authority solicited applications for projects from eligible project sponsors for Fiscal Year 2014/15 TFCA funds, and by March 31, 2014, received eight applications requesting a total of approximately \$1,045,409 in TFCA funds; 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, working in consultation with project sponsors, reviewed and prioritized the applications for funding based on the Transportation Authority's Local Expenditure Criteria and Air District TFCA guidelines; and

WHEREAS, Transportation Authority staff recommended eight projects for full TFCA funding, including three bicycle parking projects, two transportation demand management (TDM) projects, two clean vehicle incentive projects, and one arterial management/traffic calming project as shown in Attachments 1 (detailed listing) and 2 (summary listing); and

WHEREAS, In order to fully program all \$1,046,239 in Fiscal Year 2014/15 TFCA funds Transportation Authority staff recommended increasing the budget and grant award of the Department of the Environment's Emergency Ride Home Program by \$830 to provide for additional ride reimbursements; and

WHEREAS, On April 23, 2014, the Citizens Advisory Committee was briefed on the staff recommendation for San Francisco's Fiscal Year 2014/15 TFCA Program of Programs and unanimously adopted a motion of support for the staff recommendation; and

WHEREAS, On May 13, 2014, the Plans and Programs Committee was briefed on the subject action and unanimously recommended approval of the staff recommendation; now, therefore, be it

RESOLVED, That the Transportation Authority hereby approves the Fiscal Year 2014/15 TFCA Program of Projects; and be it further

RESOLVED, That the Executive Director is authorized to execute any agreements with the Air District necessary to secure \$1,045,409 for projects and \$37,355 for administrative expenses for



a total of \$1,083,802 in Fiscal Year 2014/15 TFCA Program Manager funds; and be it further

RESOLVED, That the Executive Director is authorized to execute funding agreements with each implementing agency to pass-through these funds for implementation of projects, 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:

1. Fiscal Year 2014/15 TFCA Program of Projects – Detailed Recommendation
2. Fiscal Year 2014/15 TFCA Program of Projects – Summary Recommendation



The foregoing Resolution was approved and adopted by the San Francisco County Transportation Authority at a regularly scheduled meeting thereof, this 20th day of May, 2014, by the following votes:

Ayes: Commissioners Avalos, Breed, Chiu, Cohen, Farrell, Kim, Tang, Wiener and Yee (9)

Nays: (0)

Absent: Commissioners Campos and Mar (2)

John Avalos 5-28-14
John Avalos Date
Chair

ATTEST: Tilly Chang 6/5/14
Tilly Chang Date
Executive Director

Attachment 1
San Francisco County Transportation Authority
Draft Fiscal Year 2014/2015 TFCA Program of Projects – Detailed Staff Recommendation

PROJECTS RECOMMENDED FOR TFCA FUNDS [sorted by project type and cost-effectiveness (CE) ratio]												
No.	Sponsor ¹	Project Description	District	Project Type ²	Regional TFCA Eligible	Prop K Eligible ⁵	CE Ratio ³	CO ₂ Reduction ⁴	Total Project Cost	TFCA Amount Requested	TFCA Amount Proposed	Notes
1	GGBHTD	Bike Racks on Buses - Procurement and installation of 30 bicycle racks in the compartments underneath the passenger cabins of 30 45-foot Golden Gate Transit commuter buses serving San Francisco. This project will double the existing bicycle capacity of each bus.	2,3,5,6	1	No	No	\$13,450	2757.7	\$180,000	\$100,000	\$100,000	Golden Gate Transit turns away bicyclists on routes serving San Francisco due to lack of bicycle capacity on its buses. This project will help increase capacity to meet this demand.
2	SFMTA	Corridor Speed Reduction - Implementation and evaluation of signal timing program to reduce vehicle speeds on three signalized multilane corridors (Turk St, 16th St, Guerrero St) to lower vehicle emissions and improve safety for all users.	5, 8, 9	1	No	No	\$31,944	790.54	\$208,000	\$136,000	\$136,000	Project located on high-injury corridors identified in WalkFirst. Evaluation of safety impacts of the project is included through Vision Zero. Project budget includes \$20,000 for evaluation of the effectiveness of corridor speed reduction projects on reducing vehicle emissions.
3	SFUSD	Bike Racks for San Francisco Schools - Procurement of 50 bike racks for schools. Schools prioritized for bike racks will be determined by bike rack utilization. SFUSD will procure and install the racks.	Citywide	1	Yes	No, unless SFMTA is sponsor	\$45,303	269.5	\$52,584	\$52,584	\$52,584	Transportation Authority staff will work with SFUSD to ensure geographic equity.
4	SFE	Emergency Ride Home Program - Provide 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. This program provides one year of funding for processing employer registrations and reimbursements, tracking program metrics, and updating materials.	Citywide	1	No	Yes	\$45,602	0	\$30,390	\$30,390	\$31,220	The Emergency Ride Home Program has been supported by TFCA since the Fiscal Year 2005/06 funding cycle. The staff recommendation includes expanding the scope of the Emergency Ride Home Program by \$830 to allow for additional ride reimbursements and to fully program all \$1,046,239 in available TFCA funds.
5	SFMTA	San Francisco Comprehensive Transportation Demand Management (TDM) Program - Two year pilot of a residential/employee TDM program at the neighborhood scale that targets 15,000 housing units (33,000 people) and 290 employers (15,000 employees). Program encourages residents and employees to use alternative transportation options. Program will leverage \$100,000 in planned Prop K funds.	Citywide	1	No	Yes	\$73,740	1861.7	\$600,000	\$500,000	\$500,000	This program is modeled after the SmartTrips program from the City of Portland and will focus on one or two neighborhoods in San Francisco. Planning will start in October 2014 with project roll-out in March 2015 through June 2016. This project is included as a priority recommendation of the draft interagency San Francisco TDM Strategy, which includes participation from the Planning Department, SFE, the SFMTA, and the Transportation Authority.
6	SFE/USF	University of San Francisco Bike Chalet - Installation of a 20-foot long shipping container to pilot a secure and covered bicycle storage facility for approximately 25 bikes. Location of facility will be north of Fulton Street pedestrian entrance, between Cole and Stanyan Streets.	1	1	No	No	\$89,987	50.5	\$55,000	\$16,935	\$16,935	SFE is serving as the public agency sponsor for this project which will be constructed by USF.

No.	Sponsor ¹	Project Description	District	Project Type ²	Regional TFCA Eligible	Prop K Eligible ⁵	CE Ratio ³	CO ₂ Reduction ⁴	Total Project Cost	TFCA Amount Requested	TFCA Amount Proposed	Notes
7	SFMTA	Alternative Fuel Taxicab Vehicle Incentive Program - Rebate program for taxicab companies to purchase new alternative fuel vehicles. Rebate will be \$3,500 per vehicle, and the grant will allow purchase of 41 hybrid vehicles, 11 compressed natural gas vehicles, and 5 electric vehicles.	Citywide	3	No	No	\$67,755	0	\$199,500	\$199,500	\$199,500	Grant will not expand the overall San Francisco taxicab fleet. Incentive rebates will be awarded to taxi companies currently on the SFMTA's waitlist for incentive rebates for clean air taxis.
8	Presidio Trust	PresidiGo CNG Shuttle Purchase - Incremental Cost - Purchase and conversion of a 30-seat shuttle to use compressed natural gas (CNG) to replace one shuttle that is past its service life.	2, 3, 6	3	Yes	No	\$88,687	142.27	\$131,750	\$10,000	\$10,000	This project will allow the Presidio Trust to replace an existing diesel bus with a new CNG bus to serve its PresidiGo shuttle service within the Presidio and to/from downtown.

TOTAL	\$1,457,224	\$1,045,409	\$1,046,239
Total TFCA Funding Available for Projects:			\$1,046,239
Total TFCA Recommended:			\$1,046,239
Surplus/(Shortfall)			\$0

¹ Sponsor acronyms include Department of the Environment (SFE), Golden Gate Bridge, Highway and Transportation District (GGBHTD), San Francisco Municipal Transportation Agency (SFMTA), San Francisco State Unified School District (SFUSD), University of San Francisco (USF).

² Priority based on project type is established in the Local Expenditure Criteria.

³ 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. Projects must have a CE ratio that is \$90,000 or less to be eligible for Fiscal Year 2014/15 funds. (New shuttle projects must have a CE ratio that is \$125,000 or less to be eligible.)

⁴ CO₂ Reduction is based on tons of carbon dioxide reduced over the lifetime of the project. This figure is calculated in the cost effectiveness worksheet.

Attachment 2
San Francisco County Transportation Authority
Fiscal Year 2014/2015 Transportation Fund for Clean Air County Program Manager Fund
Summary of Draft Recommendations¹

RECOMMENDED PROJECTS (sorted by cost-effectiveness (CE) ratio)				
Sponsor ²	Project	Total Project Cost	TFCA Requested	TFCA Recommended
GGBHTD	Bike Racks on Buses	\$180,000	\$100,000	\$100,000
SFMTA	Corridor Speed Reduction	\$208,000	\$136,000	\$136,000
SFUSD	Bike Racks for San Francisco Schools	\$52,584	\$52,584	\$52,584
SFE	Emergency Ride Home Program	\$30,390	\$30,390	\$31,220
SFMTA	San Francisco Comprehensive TDM Program	\$600,000	\$500,000	\$500,000
SFE/USF	University of San Francisco Bike Chalet	\$55,000	\$16,935	\$16,935
SFMTA	Alternative Fuel Taxicab Vehicle Incentive Program	\$199,500	\$199,500	\$199,500
Presidio Trust	PresidiGo CNG Shuttle Purchase	\$131,750	\$10,000	\$10,000
Totals:		\$1,457,224	\$1,045,409	\$1,046,239

Total TFCA Funding Available for Projects: **\$1,046,239**

¹Projects are listed in ranked order by project priority type and cost-effectiveness ratio.

²See Attachment 2 for acronyms and other notes.