



"When You're Going Somewhere"

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Ex Officio - CalTrans District 3 • University of California - Davis

Yolo County Transportation District
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Woodland, CA 95776
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November 30, 2007

Jason Crow
Programming Manager for Air Quality
Sacramento Area Council of Governments
1415 L Street, Suite 300
Sacramento, CA 95814

RE: **Project Nomination under Air Quality: Free Rides on YOLOBUS on Spare the Air Days**

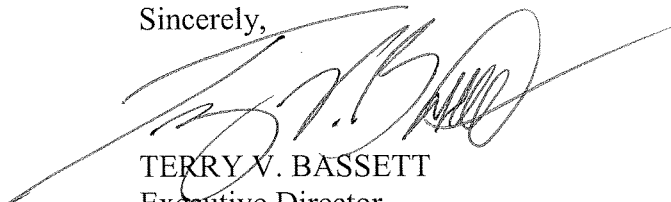
Dear Jason:

I am pleased to submit the original, plus 12 copies, of YCTD's application to provide free rides to all YOLOBUS riders on "Spare the Air" days that are declared during the summers of 2009 and 2010. **This application is officially authorized by YCTD's Board of Directors.**

This will represent the sixth and seventh year that the program will be offered to the riding public. It has been very well received and is a reasonably priced Transportation Control Measure (TCM).

Please feel free to call me at (530) 661-0816, extension 12 if you have any questions or comments. Thank you.

Sincerely,



TERRY V. BASSETT
Executive Director

Attachments

Overall Total Cost Estimate	\$162,111 (approximately \$81,055.50 per summer)
Total funding sought and funding committed from other sources	\$143,517 in Federal Funds Requested \$18,594 Match from YCTD
Local funding commitment from each partner Local match must be at least 11.47% of requested amount	See above
Risks to Schedule or Cost	If funding is not secured, we will be unable to offer free rides to all YOLOBUS riders on Spare the Air Days—something we've been able to do for the last few years because of funding commitments from SACOG and the Yolo Solano AQMD in previous years.
Phases/divisibility	This project is already divided into two separate funding years. As a fallback, YCTD would be willing to consider half the amount to cover just one year, though our preference is to resolve the matter for both years now.
Environmental Justice	We will work with SACOG, the air districts, and bus riders to make certain that the word of the Spare the Air Day free ride program is well advertised. Many of our riders are low income or minority members of the community and will benefit from the program

Free Rides on YOLOBUS on Spare the Air Days

Project Description:

The Yolo County Transportation District has been working cooperatively with SACOG and the Yolo Solano Air Quality Management District by offering free rides on YOLOBUS on Spare the Air Days since the Summer of 2004. Since then, over ½ million existing and new riders have benefited from the program.

What we are proposing to do is offer free rides to YOLOBUS riders on Spare the Air Days over the summers of 2009 and 2010. (We believe we have sufficient funds to cover the summer of 2008.) In all, up to 5,000 riders a day could benefit from this program over the total 40 Spare the Air Days budgeted for the two summers. If there are less than 40 days, we would propose to extend the program into the summer of 2011.

The purpose of the program is to educate and motivate the public regarding trip choices that they should consider on days that the Sacramento Air Quality Management District has declared "Spare the Air" days.

Attached are news stories on the program in previous years. The public is informed of Spare the Air Days in several ways. First, the air district has strong ties with the media. The air district usually gets the forecast out by 3 p.m. on the day before the proclaimed day. By that evening, television and radio media have begun broadcasting the event and by the next day, the Sacramento Bee and other local papers print the pronouncement, as well.

In addition to the media, the air districts have established SparetheAir.com as the official web site for declaring such days, and the public has an opportunity to sign up and get notified automatically on such days.

Emission Reduction Benefits

RIDESHARING AND PEDESTRIAN FACILITIES

Fiscal Year 2004-05

County: Yolo
 Federal Number:
 Approval Date:
 Caltrans DIST-EA: 03
 Short Description: Free Rides on YOLOBUS on Spare the Air Days

Project Scope: Free rides on 40 Spare the Air days over two summers on YOLOBUS

Project Sponsor: YCTD Private Agency: No

CMAQ Funding: \$143,517
 Local Match: \$18,594
 Capital Recovery Factor: 0.52
 Project Analysis Period: 2 years
 Auto Trips Eliminated (T): 25,000 trips (one-way) per week
 Length of auto trips eliminated (L): 11.77 miles in one direction of trip
 Weeks of operation per year (W): 4 weeks
 Adjustment (A) for auto access trips to transit, vanpools and carpools: 0.70 adjustment factor
 Annual Auto Trips Reduced: 70,000 annual trips
 Annual Auto VMT Reduced: 1,177,000 annual miles

<i>EMISSION FACTORS:</i>	Auto Trip End Factors	Auto VMT Factors
	ROG : 1.719 grams per trip	0.470 grams per mile
	NOx : 0.721	0.602
	PM10 : 0.014	0.218

<i>EMISSION REDUCTIONS:</i>	Pounds per Year	Kilograms per Day
	ROG: 1,484	2
	NOx: 1,672	2
	PM10: 567	1
	<u>Total: 3,723</u>	<u>5</u>

COST-EFFECTIVENESS OF:

CMAQ Funds:	\$20.15 per pound	\$40,295 per ton
All Funding Sources:	\$22.76 per pound	\$45,516 per ton

Funding:

We are requesting \$143,517 to cover the two-year program. That will be matched by \$18,594 from YCTD.

Consequences of Not Funding:

The primary consequence will be a discouragement for the public to use public transportation on Spare the Air Days. We have worked in cooperation for several years with local air districts to make certain that this program is a success. We'd like to see it continue.

West Sac. Press

7-25-07

Spare the Air free rides on Yolo Bus

YOLOBUS and Unitrans, the two transit systems serving Yolo County, have announced a continued program to help reduce summertime ozone. On days that are declared "Spare the Air Day" by air quality control officials, the public can ride YOLOBUS and Unitrans free. This incentive program is offered on YOLOBUS and Unitrans only and runs through August 31, 2007.

The program, intended to get commuters and others traveling within, to or from Yolo County to try transit to reduce air pollution during the summer season when air quality is at its worst, is partially paid for by a grant from the Federal Transit Administration (FTA). This is part of an effort by the Yolo-Solano Air Quality Management District, Sacramento Area Council of Governments (SACOG), Unitrans, and the

Yolo County Transportation District, to help the region avoid violating clean-air standards set by the U.S. Environmental Protection Agency (EPA).

Here is how it works. The air districts in the region declare a Spare the Air day when air quality index is expected to exceed 127, which typically occurs on hot, windless days according to air district officials. Based on historical data, there could be anywhere from eight to 20 such "Spare the Air" days declared this summer.

Five-day forecasts for ozone are available through www.sparetheair.com and Spare the Air days are determined a day in advance which helps people plan their commute. Residents can also receive personal notification through Air Alert, a free service available by signing up at

www.myairalert.net (<http://www.myairalert.net/>). On declared "Spare the Air" days anyone can ride YOLOBUS and Unitrans for free.

About 70% of the Sacramento region's air pollution is caused by emissions from internal combustion engines, so the fewer miles vehicles are driven, especially in the summer, the less polluted air people will need to contend with. It's that simple. Over the last two years, Sacramento region drivers reduced 1.8 tons of ozone precursors per Spare The Air day by delaying trips, working at home, carpooling, using transit, biking and walking.

YOLOBUS serves Woodland, West Sacramento, Davis, U.C. Davis, Winters, Sacramento International Airport, downtown Sacramento, Madison, Esparto, Canyon, Cache Creek Resort and Casino, Dunnigan, Yolo, and Knights Landing.