

Connecting Your Commute

Commute Solutions





Clean Air Make More Programs

Valley Metro Commute Solutions Webinar
March 24, 2021

Today's Session



- Welcome & Introductions
- Clean Air Make More programs
- News and Updates
- Upcoming webinars



Tina Wesoloskie

**Travel Reduction and
Outreach Division Manager**

Maricopa County Air Quality Department

**CLEAN AIR
MAKE
MORE**



Commute Solutions Moderators



Suzanne Day
Commute Solutions
Program Coordinator
sday@valleymetro.org





Lillian Duarte
Commute Solutions
Program Supervisor
lduarte@valleymetro.org



Annette Fettig
Commute Solutions
Program Coordinator
afettig@valleymetro.org

Tech Tips

- Your microphone is muted. You can ask questions and give input using the controls on your screen.
- Click on Handout to open the PDF and follow links or print to take notes.
- The  symbol indicates an audience poll.  means we'll ask for a show of hands.
- Webinar will be recorded, and a link emailed.





Clean Air Make More Programs and Resources

Tina Wesoloskie, MPA

Travel Reduction and Outreach Division Manager

March 24, 2021

Website

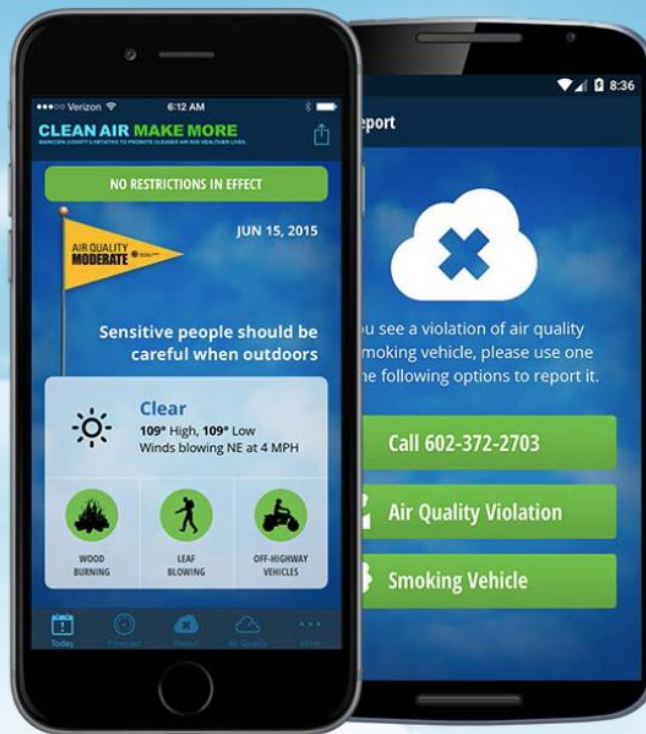
- Air Quality forecast
- Air Quality facts
- Current restrictions (burning, leaf blowing, OHV riding, etc.)
- No Burn Day restrictions
- Air Quality News
- Upcoming Events
- Media toolkits for campaigns



CLEAN AIR
MAKE
MORE
CLEANAIRMAKEMORE.COM



Download the **Clean Air Make More App** For iPhone, iPad and Android



Get real-time air quality
information and weather
forecast right on your
smartphone or tablet.

CleanAirMakeMore.com/app



Ozone Campaign

(April to September)

COMMIT TO ONE DAY HELP KEEP OZONE AWAY!

By making easy changes to daily activities at least one day a week such as reducing driving, taking light rail or the bus, refueling after dark or riding a bike to work, Maricopa County residents and businesses can have a great impact on reducing ozone concentrations and helping keep our air clean.



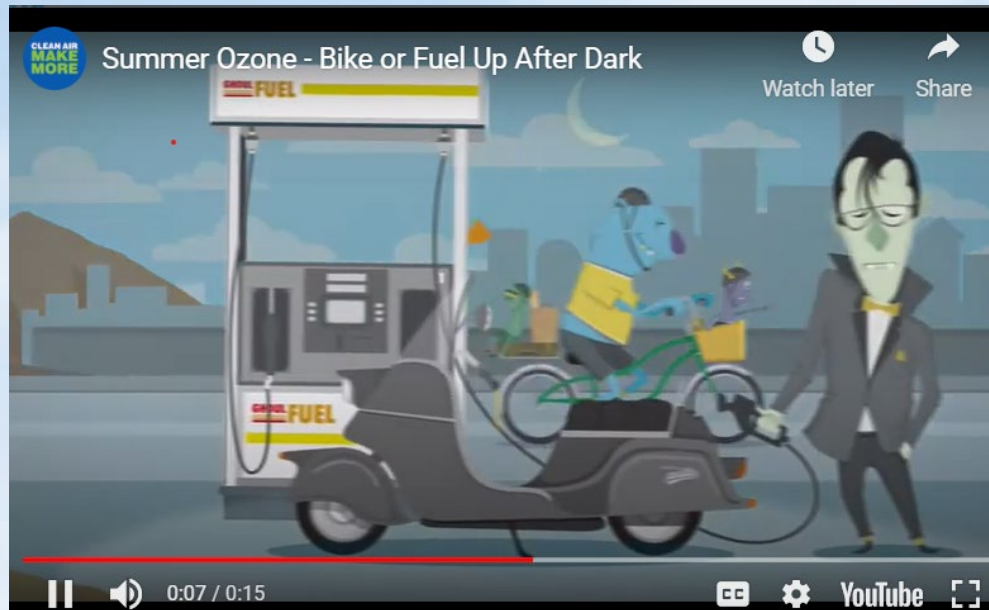
Riding Light Rail

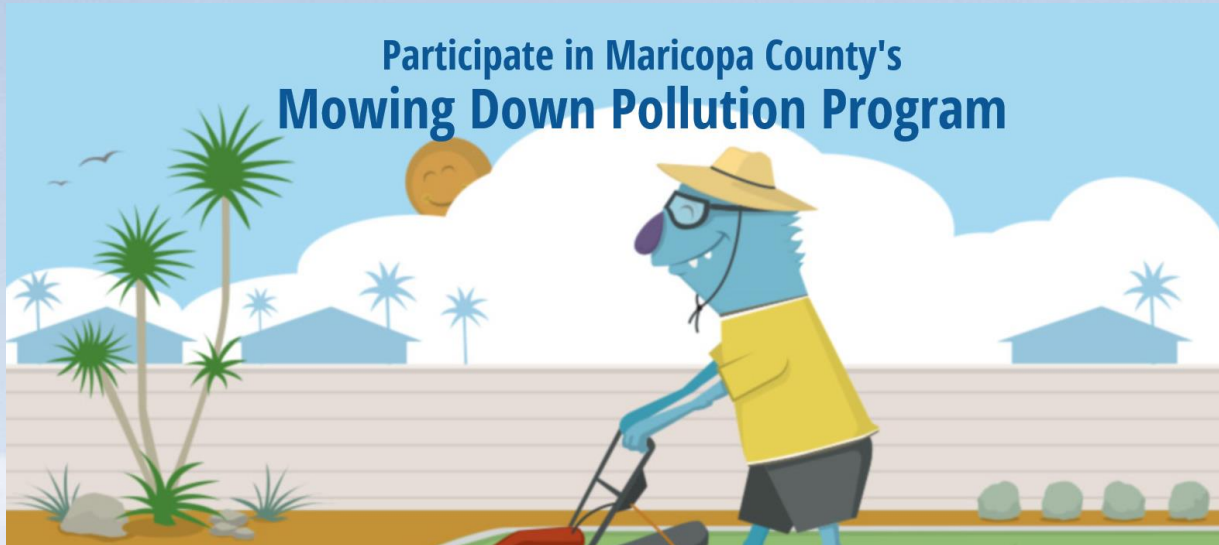
HELPS KEEP OZONE AWAY!



Gus T. Breeze

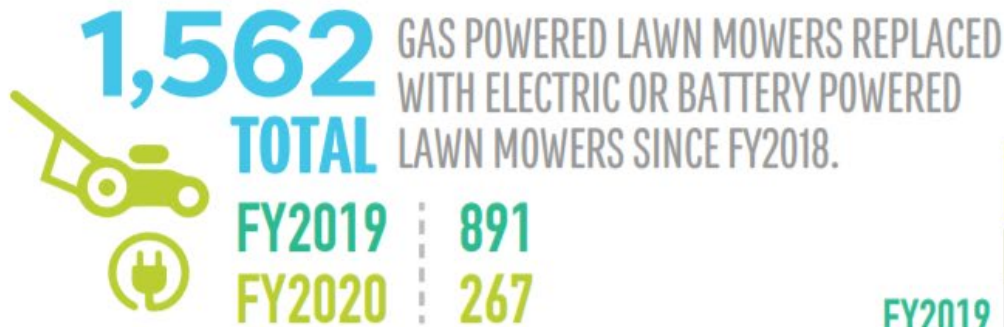






- Ongoing program
- Lawnmower and garden device replacement program. Must turn in devices.
- \$150 for lawn mower; \$50 for garden device.
- [Find out more here](#)

MOWING DOWN POLLUTION



POLLUTION PREVENTED

	LAWN MOWERS		HANDHELD DEVICES*	
	CO	VOCs	CO	VOCs
FY2019	126 tons	8.8 tons	2.82 tons	1.29 tons
FY2020	37.8 tons	2.62 tons	1.78 tons	.804 tons
TOTAL SINCE FY2018	222 tons	15.4 tons	4.6 tons	2.1 tons

*FY2019 pollution totals reported for handheld devices are greater than those reported in the Arizona Department of Environmental Quality FY2019 Mowing Down Pollution Program Annual Report; totals in the ADEQ report did not include future emission reductions from the replacement of garden devices.

CO = carbon monoxide VOCs = volatile organic compounds

Voluntary Vehicle Repair Program

- Administered by ADEQ
- Financial assistance for repairs after a failed emissions test:
 - \$550 – gas vehicles
 - \$1,000 – heavy duty vehicles
- 2008 or older to qualify
- Use an approved repair facility
- Vehicle owner pays \$150 co-pay
- Since 2018, more than 2,700 vehicles repaired, saving owners more than \$1.3 million, and preventing more than 560 tons of emissions.



[Find out more here](#)

Diesel Emissions Reduction Act (DERA) Program

- EPA grant
- Organizations with fleets – [Find out more here](#)
- Funding for retrofit or replacement of diesel fleet vehicles with cleaner burning diesel engines, LPG, electric, CNG

DIESEL EMISSIONS REDUCTION ACT (DERA)

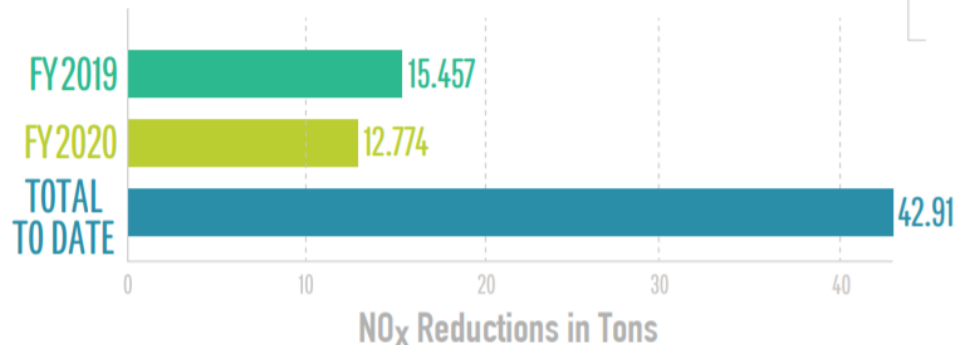


85 VEHICLES FUNDED
SINCE FY2016

66 VEHICLES REPLACED
19 VEHICLES RETROFITTED

TOTAL LIFETIME NO_x REDUCTIONS BY YEAR

NO_x = nitrogen oxide



with cleaner burning diesel fuel engines, liquefied petroleum gas (LPG) engines, compressed natural gas (CNG) engines, or electric engines.

42.91
TONS
of NO_x

REDUCED FROM FY2016-FY2020

TREES & AIR QUALITY

in MARICOPA COUNTY



Trees & Air Quality

- In partnership with Trees Matter, Desert Botanical Garden and Flood Control District of Maricopa County
- Some species of trees emit large amounts of VOCs – contribute to ground level ozone
- Considered many factors (in addition to low-VOC emitting)
 - Desert native
 - Non-invasive
 - Low to moderate water usage
- Brochure and tree selection list
- Planting the right tree in the right place
- [Find out more here](#)



NATURAL GAS • ELECTRIC • FIREPLACE RETROFITS

When you *Burn Cleaner Burn Better*, you're making a healthy decision to improve the air we breathe.



Learn more about wood burning alternatives at CleanAirMakeMore.com

Promote Alternatives

- Gas Fireplaces
- Fireplace Retrofit Devices
- Electric Fireplaces
- EPA-Certified Wood Stoves
- Pellet Stoves



Clean Air Make More
TODAY is a No Burn Day.
Don't Burn Wood.



Participate in Maricopa County's Fireplace Retrofit Program



Maricopa County Fireplace Retrofit Program

- Northern Ave to Baseline Rd and 16th St to 59th Ave
- Highest PM2.5 readings:
 - West Phoenix
 - Durango Complex
 - South Phoenix
- 822 retrofits to date



FIREPLACE RETROFIT PROGRAM

TOTAL PM_{2.5} EMISSIONS IN LBS PREVENTED SINCE RETROFIT*



8,222

Gas Log Sets



3,175

Air Pollution Reduction Devices

TOTAL

11,397

*The maximum emissions prevented are based upon a resident's burning-habits survey, which contains a range of numbers.

PM_{2.5} = particulate matter less than or equal to 2.5 microns

800

TOTAL
RETROFITS

as of June 30, 2020



562

GAS LOG SETS INSTALLED



238

AIR POLLUTION
REDUCTION DEVICES
INSTALLED



Maricopa County Propane Fire Pit Program



Maricopa County Propane Fire Pit Program

- County residents receive \$75 voucher for outdoor propane fire pit
- Partner with Home Depot and Az Propane Gas Association - \$25,000
- More than 4,000 fire pits to date
- This past season ran from October through end of February

PROPANE FIRE PIT PROGRAM



2,992

PROPANE FIRE PITS HAVE REDUCED
WOOD BURNING SINCE FY2018

PROPANE FIRE
PITS PURCHASED

FY2019
FY2020

999
1,002



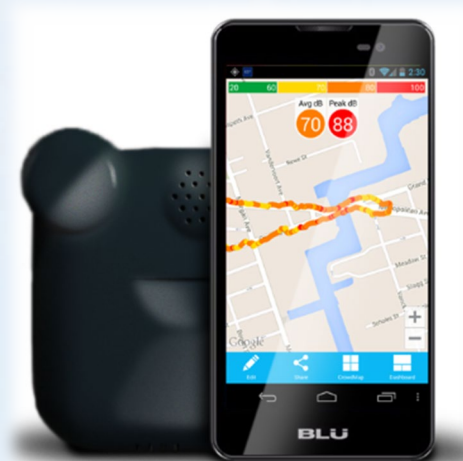
8,976

POUNDS OF PM_{2.5} POLLUTION
REDUCED ANNUALLY

School Education and Outreach Program



In-Classroom Pre-COVID



Virtual Education Outreach

Online Air Quality Class: Grades 6-12

Welcome to the Maricopa County Air Quality Department's Online Air Quality Class designed for independent home learning. Take a deep breath in and feel your lungs expand with air. On average, we breathe in eight to ten liters of air every minute! Clean air is as necessary for life as clean water, but we typically don't think about the invisible ocean of air that surrounds us. Neither do we think about harmful substances that are added to our air every day.

In this class, you will explore the air that you breathe. You will learn how air pollution is defined and measured from air quality experts, create a simple particle pollution collector, and investigate air pollution sources in your local community. At the end of the course, you will use everything you've learned to solve an air pollution mystery. Scroll down the page and click on Module One. Let's get started!



Online Air Quality Class: Grades 3-5

Welcome to the Maricopa County Air Quality Department's Online Air Quality Class designed for independent home learning. Take a deep breath in and feel your lungs expand with air. On average, we breathe in eight to ten liters of air every minute! Clean air is as necessary for life as clean water, but we typically don't think about the invisible ocean of air that surrounds us. Neither do we think about harmful air pollutants that are added to our air every day.

In this class, you will explore the air that you breathe. You will learn if air takes up space, what's in the air, where air pollution goes, and what your air quality is. In the final lesson, you will design a project to teach your family and friends about air quality and simple actions they can take to help keep the air clean. Scroll down the page and click on Lesson 1 to get started.



Welcome to the

Air Pollution Virtual Escape Room!



Virtual STEAM Events

We supply the tools, you supply the students! Watch the video to learn more. Request a STEAM Event for your school [here](#).

Virtual STEAM Event 1080p 1
Phoenix Herpetological Sanctuary

Click the lizard to learn more about our Sanctuary

Click the Crocodile to learn more about our virtual program options

Click the snake for Rattlesnake rescue & relocation

Click Here

Watch on YouTube

Maricopa County AIR QUALITY DEPARTMENT

Welcome to Maricopa County Air Quality Department's Virtual Professional Development

Topic: Distance Learning, More than a Zoom Meeting

Instructions: Follow the steps on the bookshelf. Click the link in each step to complete the training.

Step 1: Watch the Video, Part 1

Step 2: Complete the Activity

Step 3: Watch the Video, Part 2

Step 4: Participate in Discussion Board

Step 5: Complete form for PD certificate

CLEAN AIR MAKE MORE

Air Quality Resources


Additional Resources

Contact Us

High Pollution Advisory Notices to Schools and Childcare Facilities

- Similar to Heat Advisory Program
- Sends HPA and **specific action guidance** to schools and childcare facilities on HPA forecasted days

Guidelines for Schools During a High Pollution Advisory

Advisory Status	Health Risk Level	ACTIONS for School Staff (principals, teachers, nurses, athletic coaches, para-professionals and other support staff)	ACTIONS for District Administration, School Maintenance and Transportation
High Pollution Advisory* 	The air is unhealthy for sensitive groups including students and employees with asthma and other respiratory or cardiac conditions. These individuals may experience more serious symptoms.	Air pollution can make asthma symptoms worse and trigger attacks. Watch for symptoms: <ul style="list-style-type: none"> • coughing • wheezing • difficulty breathing • chest tightness Nurses, classroom teachers, and para-professionals should take the following steps to protect student health: <ul style="list-style-type: none"> • Monitor students for symptoms and take action as needed. • Students with asthma should follow their asthma action plans and keep quick relief medicine in an easily accessible location. • Allow student to visit school nurse upon request and use prescribed medications as needed. Never leave a student who is experiencing symptoms unattended. Athletic coaches, PE teachers, and playground monitors should take the following steps to protect student health: <ul style="list-style-type: none"> • Monitor students for symptoms and take action as needed. • Utilize indoor facilities that accommodate physical activity for recess and PE classes whenever possible. • Reduce intensity and/or duration of outdoor activities (i.e., athletics, marching band, spirit line). Allow students to take frequent breaks from activities. 	Notify parents and school staff of High Pollution Advisory. <ul style="list-style-type: none"> • Encourage parents to park their vehicles at drop-off and pickup times to reduce excessive idling. • Encourage parents and staff to car pool and use alternate modes of transportation. Notify transportation department: <ul style="list-style-type: none"> • Reduce bus idling in pick-up and drop off zones or other areas where students congregate before and after school whenever possible. Notify school maintenance and landscape department: <ul style="list-style-type: none"> • Prohibit leaf blowing and other landscape activities that produce fumes or dust. • Use dust control measures on playgrounds and athletic fields. Implement districtwide Travel Reduction Plan.

*A High Pollution Advisory (HPA) is issued when the highest concentration of pollution may exceed the federal health standard.

If your school participates in the Air Quality Flag Program, please display the recommended flag color based on the Air Quality Index. For more information on Air Quality Forecasting and Pollution Advisories, please visit the [Arizona Department of Environmental Quality website](http://www.azdhs.gov/dhs/dhqp/Pages/AirQualityForecasting.aspx).

Air Quality Educational Kiosks

CLEAN AIR MAKE MORE

LAKE PLEASANT DISCOVERY CENTER

TOUCH TO BEGIN

ESPAÑOL

CLEAN AIR MAKE MORE



Air Quality Educational Kiosks

- Portable and fixed installations across Maricopa County
 - Decommissioned at South Mountain Env Ed Center
 - Arizona Science Center
- Solar powered air monitoring device
- Continuous real-time air quality data displayed
- Series of interactive screens

Air Quality Educational Kiosks

HOW IMPORTANT IS AIR QUALITY?

Here at Lake Pleasant and everywhere else in Maricopa County, we all have one thing in common: the air we breathe. The average adult inhales nearly two gallons of air every minute, and kids breathe even more!

⬇ Touch a topic below to learn more about our air and how you can help keep it clean.



CURRENT AIR QUALITY AT
LAKE PLEASANT



WOOD BURNING
POLLUTION



AIR POLLUTION
AND THE BODY



COMMIT TO
ONE DAY



TELL ME
MORE



TAKE OUR
SURVEY

ESPAÑOL

CLEAN AIR MAKE MORE



Tina Wesoloskie
Travel Reduction and Outreach
Division Manager
602-506-6936

Tina.Wesoloskie@Maricopa.gov





News and Updates



TC Update

April is Valley Bike Month!



“As a Phoenix artist, I find enjoyment in capturing the surreal landscape and movement of my human environment, encapsulating something vibrant and more than meets the eye.” - Ashley Macias, Valley Bike Month 2021 artist

- [Take the pledge](#)
March 1 – 31
- Events Valley-wide
- Bike to Work **Week**:
April 18 – 24
- [ShareTheRide](#) Contests
and Challenge – *any*
bicycling counts!



Valley Bike Month “Gaiters”

- Soft, sturdy, vibrant; can be pulled up to wear as a mask.
- Pocket for your additional filter.
- [Contact your Commute Solutions coordinator](#) to plan a Valley Bike Month promotion and request gaiters.
- Supplies are limited!



Special Webinar

- April 21, 10 a.m. – [Making Every Day Earth Day with Tom Szaky](#)
- Tom will show how each of us can be the hero in our own life story and make the planet happier and healthier.
- Join us for this inspiring and uplifting session!

Free Webinar




Making Every Day Earth Day

with Tom Szaky
Wednesday, April 21, 2021
10 a.m. MST



New ShareTheRide Feature



ACME Industries Fuel After Dark contest - February 2021

To enter this contest:

1. Click on SHOW DETAILS AND INVENTORY
2. Click where it says "Click here to upload your receipt and enter the contest. (IN STOCK) 1 POINT" under AVAILABLE REWARDS.
3. Confirm by clicking on REDEEM POINTS (Don't worry - we gave you plenty of free points.)
4. Select the date the fuel was purchased and the time to the closest increment.
5. Click CHOOSE FILE to upload your saved fuel receipt. The purchase must be made after sunset on the day specified.
6. Winners will be drawn after the end date and notified by email.

HIDE FULL DESCRIPTION ^

YOUR POINTS

100

START DATE	END DATE
Feb 1, 2021	Mar 5, 2021

POINT OF CONTACT

Wile E. Coyote

AVAILABLE REWARDS

Click here to upload your receipt and enter the contest. (IN STOCK) 1 POINT

HIDE DETAILS AND INVENTORY ^

ShareTheRide.com now supports Fuel After Dark (FAD) contests!

- View uploaded receipts
- Run reports of winners
- Contests can be cloned
- [See instructions and learn more](#)

Temporary Schedule Change

- Due to construction on the [South Central Extension/Downtown Hub](#) project, Valley Metro Rail will run on an adjusted schedule through Friday, March 26.
- Trains are estimated to arrive at platforms every 30 minutes during the entire service day.
- [Learn more here.](#)



Artsline and Art Detour



- Valley Metro announces artist Heather Freitas is the newest [Artsline Spotlight Artist](#) for the 2021 spring/summer season.
- Artsline [celebrates creativity, culture and community](#) throughout the rail corridor.
- [Art Detour](#) allows residents to visit galleries and other art installations in the valley through March 31.

New Express Buses Rolling

- Valley Metro's new Express buses are made for long distance travel.
- Passengers can expect a smooth ride with the enhanced suspension system.
- Features include high-back, forward-facing reclining seats with arm rests, handles on seat backs, USB chargers, overhead personal lights, air vents and stop signal button, and more.



[See the photo gallery and learn more](#)



Summary

- Clean Air Make More Programs presented by Tina Wesoloskie
- TC News and Updates
- Upcoming webinars
 - April 21, 10 a.m. – [Making Every Day Earth Day with Tom Szaky](#)
 - May 26, 10 a.m. – [Valley Metro Projects Update](#)
 - June 23, 10 a.m. – [Managing the TRP Survey Process](#)
- Access [recorded webinars and slide shows](#)

Can't make it during a scheduled webinar? Sign up anyway; we'll email you a link to the recording!



March 24 TC Webinar: Clean Air Make More Programs

Valley Metro Commute Solutions

ShareTheRide@valleymetro.org

602.262.7433