



Special Green Bag
Lunch:
Urban Biking 101

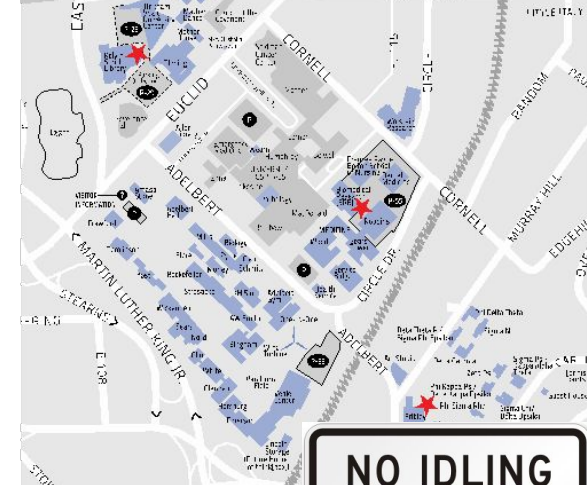
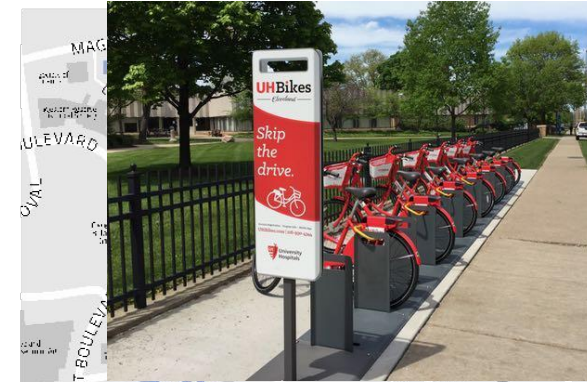
Sponsor & Co-host:
uGO University
Circle

*Putting good ideas to work for a
carbon-neutral, flourishing campus*

Sustainable
CWRU

Sustainable Transportation @ CWRU

- 6 Bike Fixit Stations
- Over 140 bike racks
- 4 Bike Share Stations
- Greenie shuttle system (1 runs on CNG, 1 w/ bike rack)
- Car sharing – Enterprise & Zip
- Gohio ride matching portal
- New Van Pool program in Cuyahoga County
- RTA Commuter Advantage for employees
- U-Pass for Undergrads
- 3 electric car charging stations
- Bike Committee
- Area bike maps available



TODAY'S SPEAKER/Ride Leaders:

Annie Pease

Director of Transportation, University Circle Inc.

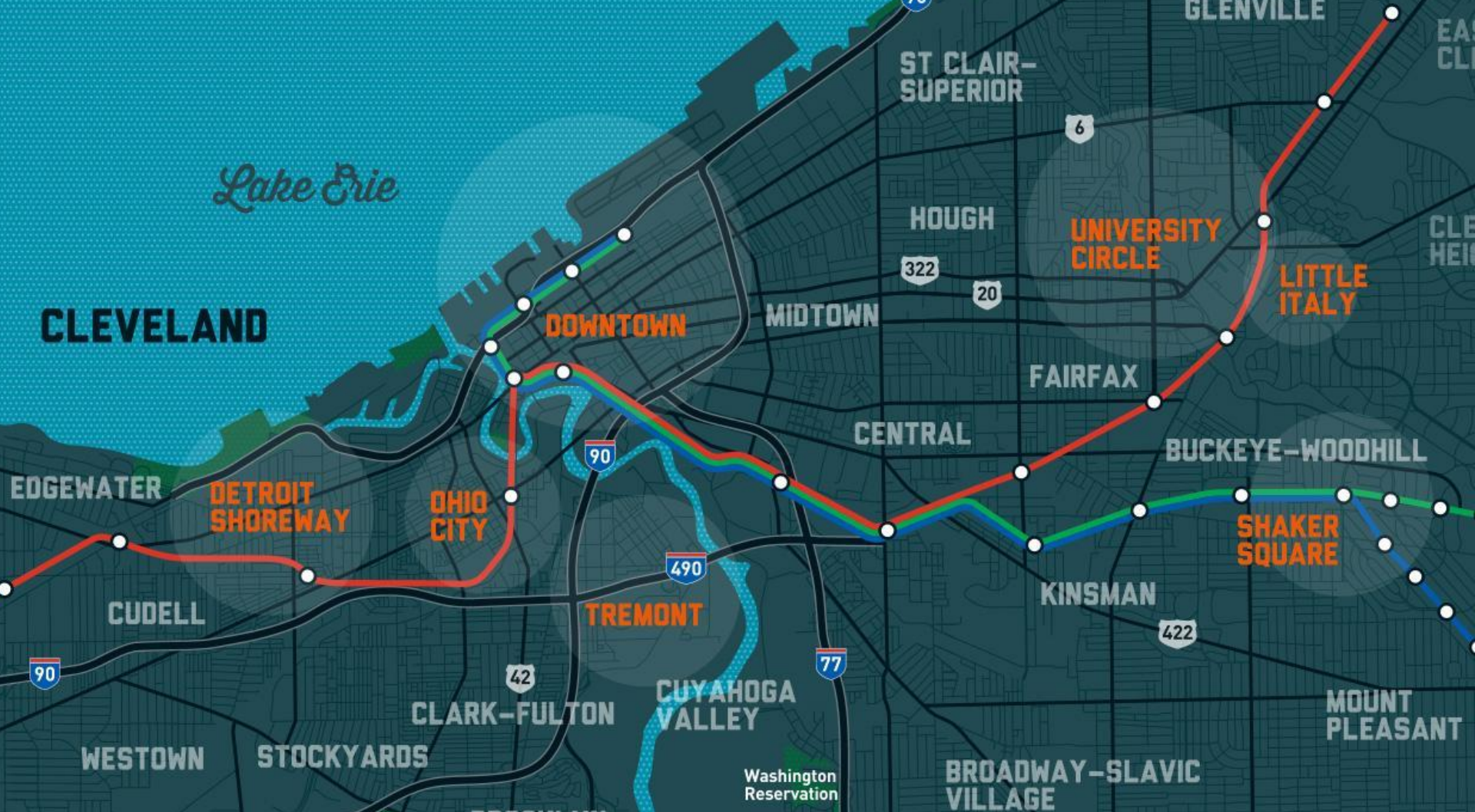
Deltrece Daniels

Outreach and Membership Manager, Bike Cleveland



Transportation in University Circle

Annie Pease
Director of Transportation
University Circle Inc.



CONNECTING **UNIVERSITY CIRCLE**

www.UGOinthecircle.com

45,000

EMPLOYEES
IN 1.5 SQUARE MILES

**2nd
LARGEST**

EMPLOYMENT CENTER
IN THE REGION

1000

HOUSING UNITS ADDED IN THE
LAST 10 YEARS AND
ANOTHER 700 PLANNED TO BE
ADDED IN THE NEXT YEAR

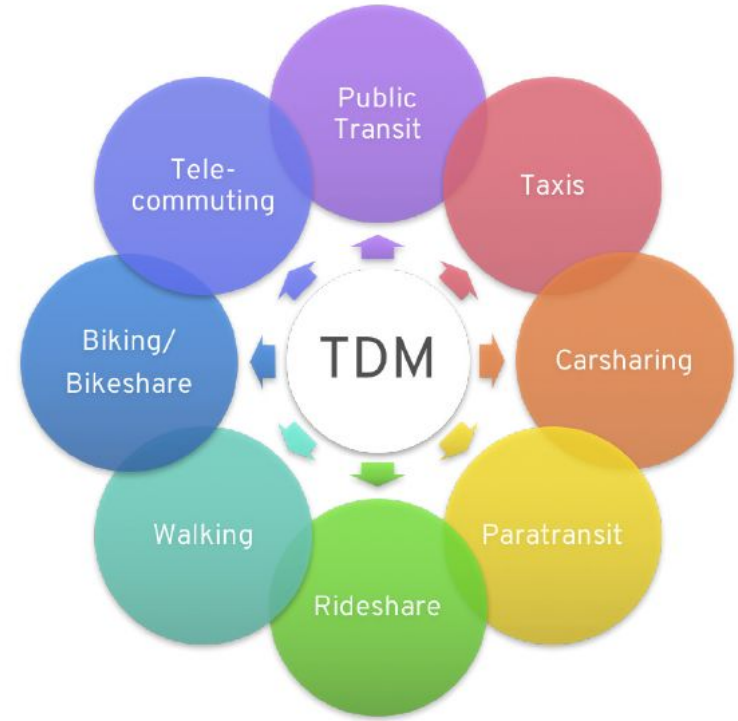


CONNECTING **UNIVERSITY CIRCLE**

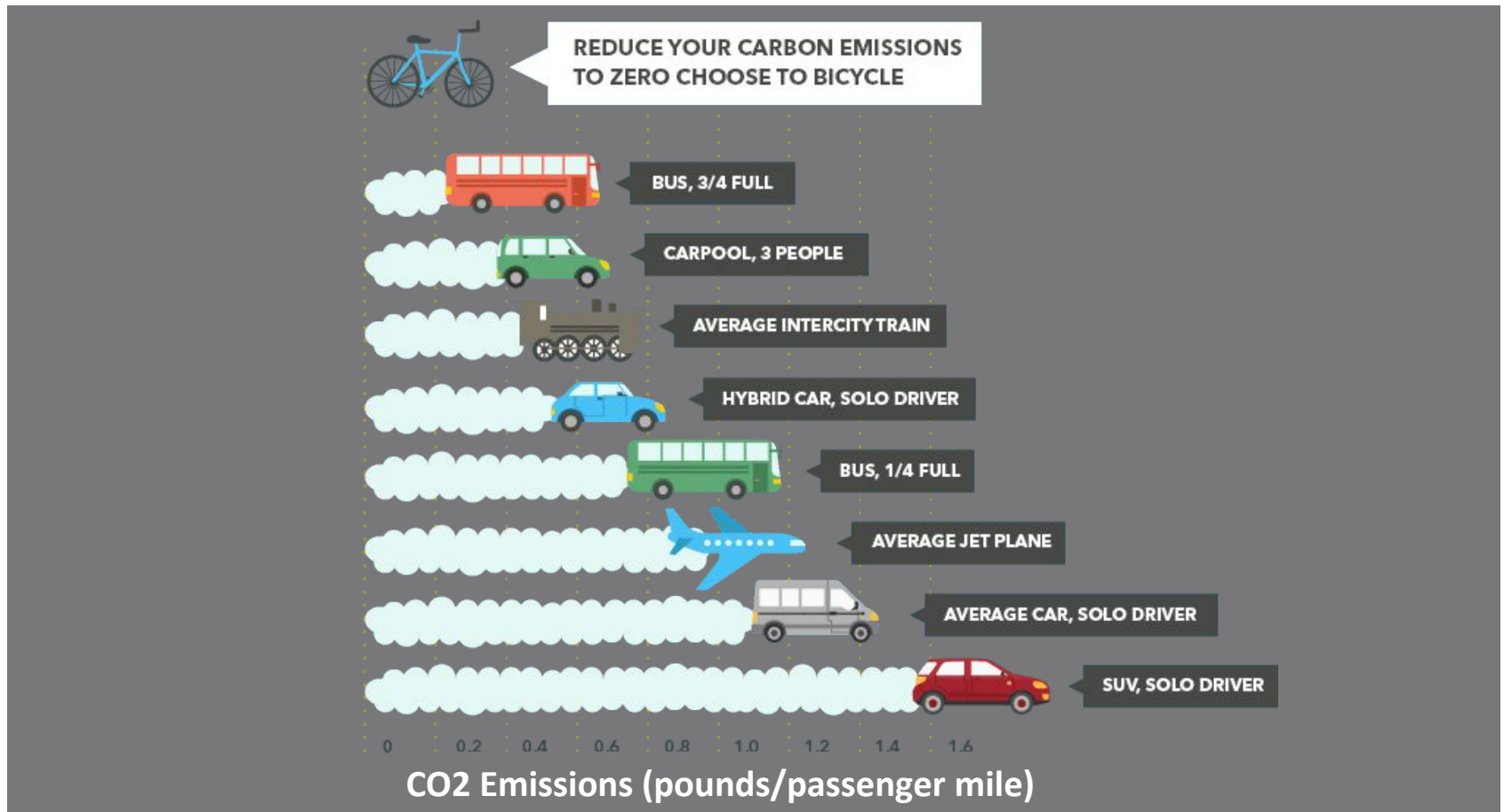
www.uGOinthecircle.com

Transportation Demand Management (TDM)

- A suite of strategies that change travel behavior (how, when and where)
- Results in more efficient use of transportation resources
- Alternative to expanding supply
- How people make transportation decisions



Fuel Efficiency by Mode



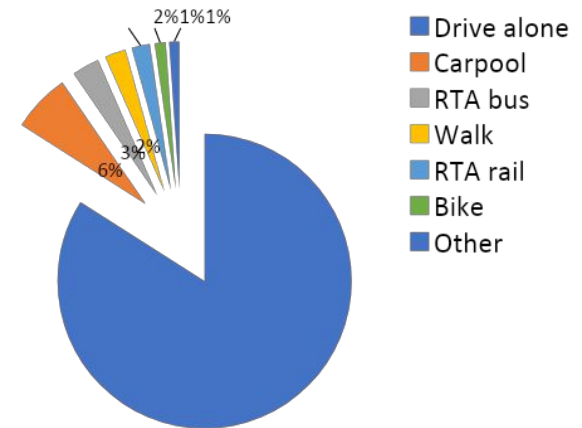
CONNECTING UNIVERSITY CIRCLE

www.uGOinthecircle.com

University Circle Transportation Emissions

Last year, drive alone work trips to University Circle emitted **72,546 metric tons** of CO₂

University Circle Employee Mode Split



CARBON EMISSION PER PERSON*

14.3 lb
per trip

6.6 lb
per trip

DRIVE ALONE

CARPOOL

2 people in a carpool on average

AVERAGE
COMMUTING
DISTANCE
16.5
MILES

AVERAGE
COMMUTING
DURATION
35
MINUTES



uGOinthecircle.com

 CIRCLELINK ROUTE CHANGE & EXTENDED SERVICE HOURS 


CONNECTING UNIVERSITY CIRCLE

NEWS EVENTS ABOUT FAQ CONTACT  

TRANSPORTATION OPTIONS BENEFITS PLAN YOUR TRIP ALERTS

PROUDLY SPONSORED BY PNC



uGO together

Find a carpool partner with someone who lives and works near you.

[FIND A CARPOOL](#)

uGO is connecting you to University Circle by transit,

[PLAN YOUR TRIP](#)

Questions?

Annie Pease

Transportation Director

University Circle Inc.

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CONNECTING UNIVERSITY CIRCLE

www.uGOinthecircle.com



BIKE CLEVELAND

URBAN BIKING 101

PRESENTED BY
BIKE CLEVELAND

Deltrece Daniels

Outreach & Membership Manager
Licensed Cycling Instructor

Who is Bike Cleveland?



- The organized voice of all cyclists, Bike Cleveland makes our streets safer and our neighborhoods better places to live.
 - Advocacy
 - Education
 - Encouragement & Development
- 750+ Individual Members
- 27 Business Members
- 3 Regional Chapters & Growing

What This Is All About



□ Enjoying the Ride

- Safety
- Gear
- Rules & Laws
- Be Smart
- Q & A

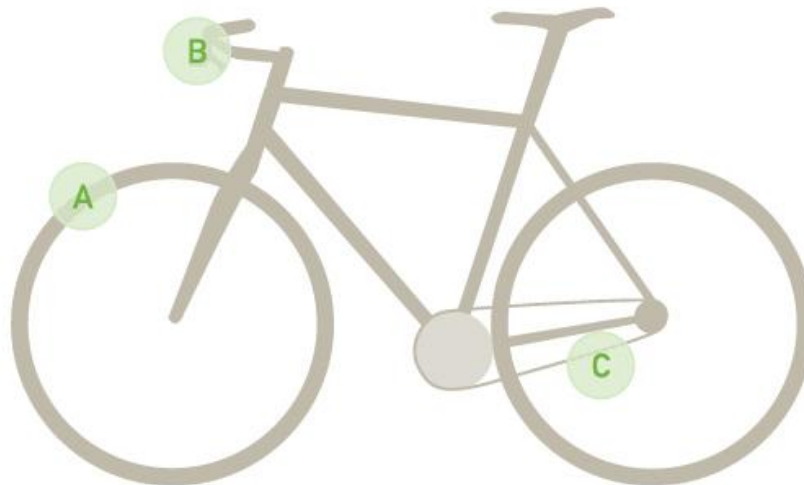


Safety 1st



□ ABC Quick Check

- Air (pressure)
- Brakes (function)
- Chain (lubrication) & Contact Points
- Quick Release Levers
- Check Over

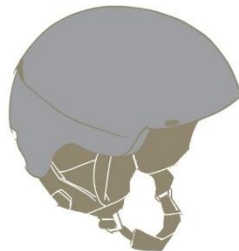


Gear - Helmets



- Covers the forehead
- Sits level
- Straps form a V under the ears
- Flat Straps
- Chin strap not too loose / tight
- Two Finger Test

HOW TO WEAR A HELMET



Gear - Helmets



RIGHT



WRONG



WRONG

Gear - Bicycle



- Good & In Working Order Bicycle
- Various Types Depending on How You Plan To Use It
- UH Bike Share



Gear - Bicycle



Road



Single Speed



Hybrid



Mountain



Urban



Folding

Gear - Clothing



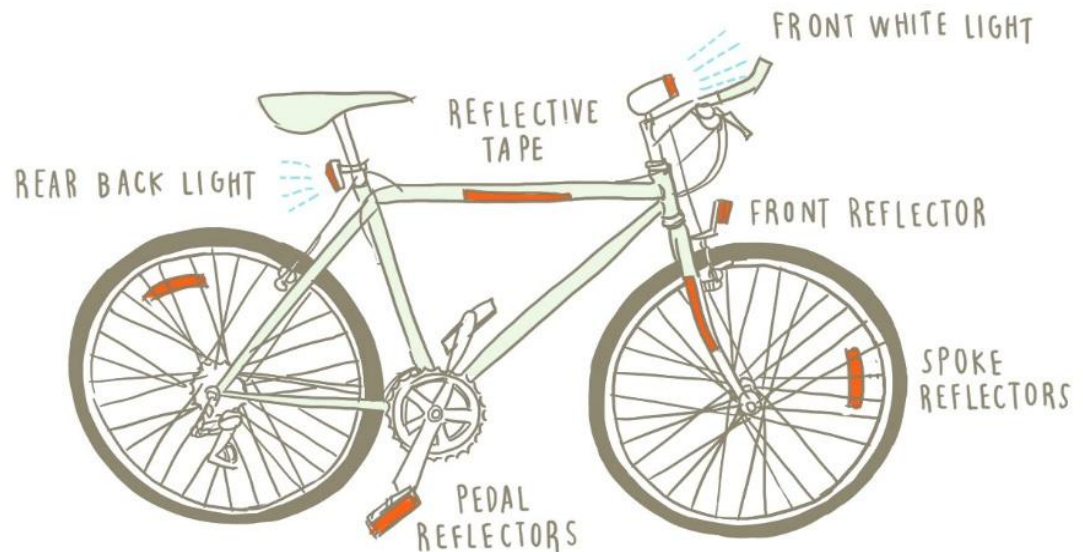
- Any!!! Including Your Helmet ☐
- Comfortable
- Appropriate for the weather
- Cycling shorts w/ built in chamois for longer rides (can be worn under clothing)
- Wicking & Quick Drying
- Tools



Gear - Night Riding



- Lights
 - Day and Night are preferred
- Reflective tape
- Light clothing
- Helmet lights
- Reflective tires
- In the city
 - Street lights
- Rural areas
 - Limited lighting
 - Real headlight



Ready To Roll



□ Not The Same As Driving

- Bike Lanes
- Sharrows
- Lane Width
- Residential Streets
- Hills
- Red Lights
- Google Maps
- NOACA Maps
- Shortcuts



This is a sharrow

Know The Road



- ❑ Bike Lanes. They are legal lanes of travel, but designated for bicycle use only.
- ❑ Any vehicle moving into or across one must yield to vehicles already in it (bikes) – but don't expect that, because some drivers don't know and others don't care.
- ❑ You can leave the bike lanes when there is debris, a car door, a vehicle, or anything else in your way, or when you're preparing to make a left turn.
- ❑ Otherwise, all vehicle rules apply to you as a cyclist. Stop signs, speed limits 😊, lights, and so on.

Know The Law - Ride Smart



FOLLOW THE RULES OF THE ROAD



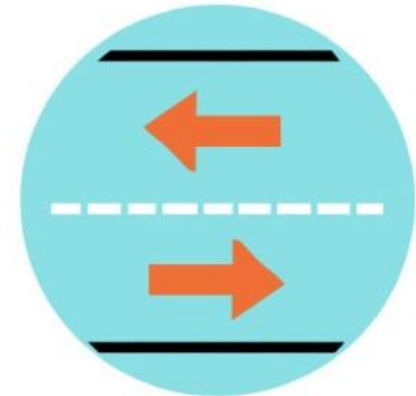
Bikes are legal vehicles and should be treated and act as such (ORC 4511.01).

RIDE ON THE ROAD



Let pedestrians rule the sidewalk, ride in the road

RIDE WITH THE FLOW



Ride with the flow of traffic (ORC 4511.25)

Riding Against Traffic is Dangerous



Know the Law - Ride Smart



TAKE THE LANE



Ride as far to the right as is safe, but take the lane when cars cannot pass you safely. Travel in a straight lane, be visible, do not weave in and out of parked cars or ride between lanes of moving traffic (ORC 4511.55).

BE PREDICTABLE



Use hand signals when turning and stopping if it is safe to do so. (ORC 4511.39).

BE BRIGHT



Cyclists must use bike lights at night: white for the front, red for the back (ORC 4511.56).

Know the Law - Ride Smart



DON'T GET "DOORED"



Stay out of the "door zone" of parked cars. This is especially important in business districts.

RIDE WITH CONFIDENCE



Make eye contact with motorists and then signal your intentions to earn their respect.

Know the Law - Drive Smart



Give bikes 3-feet
when passing

CLE 431.03(d)

State-wide law
now IN EFFECT!



Have Fun & Enjoy the Ride!



- Educational Rides
- Social Rides
- Fundraising Rides
- Bicycle Tours
- Join a Cycling Club
- Visit Your Local Bicycling Shop
- Solo

FIND A BIKE BUDDY



If you are new to cycling, ride with a friend. If your friend is new, offer to take them on a ride to “show them the ropes.”

Q & A



BIKING TO WORK

RIDING AT NIGHT

PLANNING A ROUTE

RIDE SMART, RIDE TOGETHER



INTERSECTIONS AND TURNING SIGNALS

WHO SHOULD BIKE? AND WHY?

Membership Matters!



- ❑ Makes YOU stronger
- ❑ Makes us stronger
- ❑ Funds our work
- ❑ If you believe in safe, sustainable, and equitable transportation choices, becoming a member of Bike Cleveland is a great way to show it.



❑ www.BikeCleveland.org/member

Get Involved!



BikeCleveland.org



/BikeCleveland



@Bike_CLE



/Bike_CLE