

# AAC Quick Check

**A** is for air  
 Inflate tires to rated pressure as listed on the sidewall of the tire.  
 Use a pressure gauge to insure proper pressure.  
 Check for damage to tire tread and sidewall; replace if damaged.

**B** is for brakes  
 Inspect pads for wear; replace if there is less than 1/4" of pad left.  
 Check pad adjustment; make sure they do not rub tire or dive into spokes.  
 Check brake lever travel; at least 1" between bar and lever when applied.

**C** is for cranks, chain and cassette  
 Make sure that your crank bolts are tight; lube the threads only, nothing else.  
 Check your chain for wear; 12 links should measure no more than 12 1/8 inches.  
 If your chain skips on your cassette, you might need a new one or just an adjustment.

**Quick** is for quick releases  
 Hubs need to be tight in the frame; your quick release should engage at 90°.  
 Your hub quick release should point back to insure that nothing catches on it.  
 Inspect brake quick releases to insure that they have been re-engaged.

**Check** is for check it over  
 Take a quick ride to check if derailleurs and brakes are working properly.  
 Inspect the bike for loose or broken parts; tighten, replace or fix them.  
 Pay extra attention to your bike during the first few miles of the ride.

Source: League of American Bicyclists

# Bike Helmets

**Wear a helmet**  
 A helmet may not prevent a crash, but it is your last line of defense in an accident. Never ride without one.  
 Helmets can reduce serious head injuries in a crash.  
 Always wear a helmet while riding a bike, no matter how short the trip.

**Helmet Fit**  
 A helmet will not protect your head if it is not properly fitted.  
 Make sure that the helmet fits on top of the head, not tipped back.  
 After a crash or any impact that affects your helmet, replace it immediately.

**Shell and pads**  
 Find the smallest helmet shell size that fits over your head.  
 Helmet pads should not be used to make a helmet that is too big fit your head.  
 Leave about two-fingers width between your eyebrows and the front of the helmet.

**Straps**  
 The straps should be joined just under each ear at the jawbone.  
 The buckle should be snug with your mouth completely open.  
 Periodically check your strap adjustment; improper fit can render a helmet useless.

**Ventilation**  
 In general, the more vents the better; improper ventilation can cause overheating.  
 Helmets with good ventilation can actually be cooler than riding with no helmet at all.  
 More vents usually mean a higher price helmet; buy one that you are proud to wear.

**Colors**  
 Helmets come in all different colors in different models; buy a highly visible color.  
 Shell color does not affect the temperature of the helmet against your head.  
 Pick a color that encourages you or your kids to wear it.

Source: League of American Bicyclists

# Ohio River Crossings (from west to east)

- Anderson Ferry (Recommended)  
 Provides access across the Ohio River from Cincinnati at Anderson Ferry Rd. to KY 8 at Constance. The ferry loads around every 20 minutes.  
 Hours: Monday – Friday 6:00 AM – 9:45 PM  
 Saturday and Holidays 7:00 AM – 9:45 PM  
 Sundays 9:00 AM – 9:45 PM  
 (Nov. – April the ferry closes at 8:00 PM)  
 Fares: Cars - \$4.00 Bicycles - \$1.00 Pedestrians \$ .50
- Clay Wade Bailey Bridge – (US 42, 127) (Recommended)  
 Connects 2nd and 3rd Streets in Cincinnati with 4th Street in Covington, KY. Three lane bridge with reversible center lane. 12 feet travel lanes with 3 feet shoulders. Watch for litter and parallel drainage grates in the shoulder. A sidewalk is located on the east side of the bridge.
- Roebling Suspension Bridge – (KY 17) (Alternate)  
 Connects Theodore Berry Way in Cincinnati with 3rd Street in Covington. It is a narrow two lane bridge with a steel grate surface. Cyclists should walk their bikes along the sidewalk on the west side of the bridge between the connecting streets. There is also a sidewalk on the east side of the bridge, but it terminates on the Ohio side at a stairway to Mehring Way.
- Taylor-Southgate Bridge – (US 27) (Recommended)  
 Connects Pete Rose Way in Cincinnati with 3rd Street in Newport. Two 12 ft travel lanes with 4 feet painted median and 4 feet shoulders on both sides. Eight feet sidewalks on both sides. Watch for expansion joints in the roadway at both ends.
- Newport Southbank (Purple People) Bridge – (Recommended)  
 Connects Pete Rose Way in Cincinnati with 3rd Street in Newport. This bridge is exclusively for pedestrians and bicyclists having been converted non-motorized uses in 2004. Travel ways include the former concrete highway on the west side of the bridge, a pedestrian walk between that and the currently unused railroad bridge on the east side. This bridge was formerly known as the L&N Railroad Bridge.  
 Note: the two interstate highway bridges in the downtown area, I-75/71 and I-471, do not permit bicycle traffic.

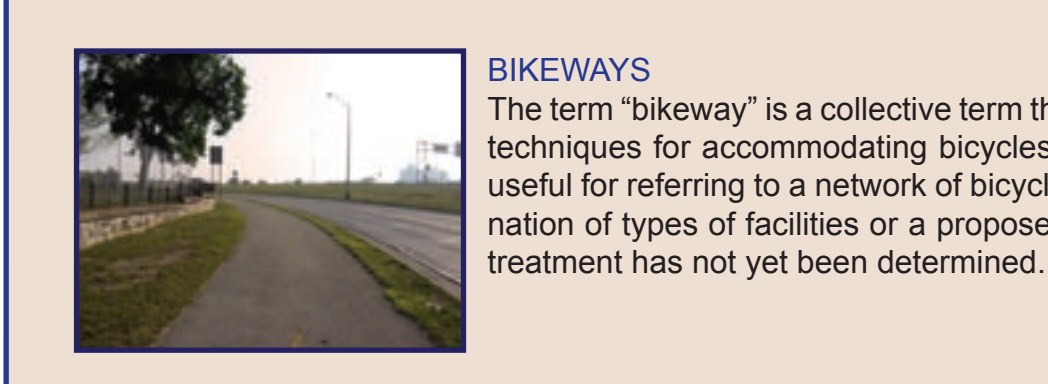


Anderson Ferry

# Cincinnati Bikeway Planning

Bicycle travel is normally accommodated within the public rights of way. Most often these are the existing streets, but they may also include separate right of ways for shared use paths exclusively for non-motorized travel. As such, bikeways are usually incorporated into public street projects – either new construction or street reconstruction. Separate paths may take advantage of existing abandoned or active rail corridors, utility or private property easements. Rarely can a path right of way be acquired through a built up area.

The following types of bicycle facilities are used and subject to specific design and construction guidelines. The following descriptions are derived from the AASHTO Guide for the Development of Bicycle Facilities and other sources. Note that the dimensional standards included in the following descriptions are general.



## BIKEWAYS

The term "bikeway" is a collective term that may include any of the following techniques for accommodating bicycles in the transportation system. It is useful for referring to a network of bicycle facilities which includes a combination of types of facilities or a proposed facility for which the appropriate treatment has not yet been determined.

## SHARED ROADWAY (NO BIKEWAY DESIGNATION)

Most bicycle travel in Cincinnati occurs, and will continue to occur, on streets and highways without bikeway designations. For many streets with low speeds and traffic volumes, such as urban and rural local streets, there is no need for specific bikeway treatment. An exception for such streets would be where directional route signing is needed to provide continuity to the rider. Other streets and highways may be unsuitable for biking and it would be inappropriate to encourage their use with bikeway treatments.



## SIGNED SHARED ROADWAYS (BIKE ROUTES)

Streets may be signed with bike route signs to indicate to cyclists that there are particular advantages to these routes compared to alternative routes through high demand corridors and to provide continuity between gaps in other facilities such as bike lanes and trails. Such a bike route might identify a series of low-volume local streets to follow as an alternative to cycling on a parallel arterial street. Bike route signing also serves to advise motorists that bicycles are likely to be present.

## SHARED ROADWAY MARKING

A new treatment is the Shared Roadway Marking (sharrow), a bicycle symbol below two chevrons. Its purpose is for use where a travel lane width is insufficient to share by a car and bicycle. This includes where there are parked cars with the danger of a cyclist being struck by an opening door, or where hazards may exist in the road itself. The symbol indicates the position within the lane to be taken by the cyclist which will likely be within the space also occupied by motor vehicles. Research has found that it encourages cyclists to ride outside the "door zone" of parked cars and also increases the distance between passing motorists and cyclists. It also discourages cycling on the sidewalk and the directional chevrons reduce wrong way riding in the street.



## SHARED USE PATH OR MULTI-USE TRAIL

A shared use path is provided within its own right of way separate from the highway system. In addition to unused rail corridors, shared use paths are often provided along water fronts, canals, within college campuses and parks, and connecting cul-de-sacs. By definition, shared use paths are intended to be used by a variety of users including cyclists, walkers, runners, roller bladers, and wheelchair users. The minimum recommended width for shared use paths is 10 feet plus 2 feet clear space on either side.

Planning and engineering guidelines, available space and funding determine the appropriate bikeway facilities. Federal and regional complete streets policies recommend including the appropriate facilities in all road construction and paving projects. Area surveys of bicyclists indicate a strong interest in improving area roads with striped bike lanes and adding additional trails to the trail network. Such facilities need to be included in the initial design by the respective city, township, county or the state which is sponsoring the project. Local residents need to express their needs to these jurisdictions for these bike improvements to occur. Road projects generally take two to six years to plan, design and implement.

Cincinnati's bicycle program is part of the Transportation and Engineering Department. A city bikeway plan identified needed improvements and the city has adopted policies to review appropriate treatments for road projects which includes replacing any hazardous storm water grates. This map shows the bike lanes, signed routes and shared paths in Cincinnati. The Cincinnati Bicycle/Pedestrian Advisory Committee (Bike/PAC) meets monthly to review issues and projects and promote cycling in the city. The committee has been a lead participant in the annual Bike Month and Bike To Work Week promotions in May for years.

Beyond the Cincinnati city limits, transportation projects are initiated by the respective municipalities and counties. The role of the Ohio-Kentucky-Indiana Regional Council of Governments is to serve as the federally designated Metropolitan Planning Organization to coordinate the allocation of federal sources of transportation funding. This is accomplished through the long range Regional Transportation Plan and the short range Transportation Improvement Program for the allocation of federal funding for projects. This work is carried out by a professional staff and administered by a technical coordinating committee and a board of elected officials.

# How to Commute by Bicycle

**Sharing The Road**  
 Bicycles are vehicles and should act and be treated as such on the roadways.  
 Laws that apply to motorists apply to cyclists as well; ride on the right, with traffic.  
 Ride in the right-most lane that goes in the direction that you are travelling.

**Signals and Signs**  
 Obey all stop signs, traffic lights and lane markings.  
 Look before you change lanes or signal a turn; indicate your intention, then act.  
 Identify hazards and adjust your position on the roadway accordingly.

**Safety**  
 If the lane is too narrow or you are going the same speed as traffic, take the lane.  
 Be visible and predictable at all times; wear bright clothing and signal turns.  
 Always wear a helmet to protect your head in the event of a crash.

**Route Choice**  
 Consider distance, traffic volume, road width and condition, and terrain.  
 Some routes may be a bit longer but much more pleasant; carry a map for detours.  
 Allow extra time for a new route; try riding different routes on the weekend.

**Bike Parking**  
 Try to find an indoor parking area in your office or building in which to keep your bike.  
 Lock your bike to an immovable object in a highly visible area out of the elements.  
 Bike racks are available throughout the downtown area.  
 Ask your employer or building owner to provide safe, covered parking.

**Clothing Options**  
 If you have a short commute, ride in your work clothes at a relaxed pace.  
 Cycling specific clothing is an option for longer, more strenuous rides.  
 Use waterproof and breathable fabrics to stay comfortable and dry.

**Showering**  
 Showering should not be necessary in the morning when it is cool outside.  
 Many workplaces have showers located in the building; inquire about access.  
 Some health clubs offer shower-only memberships for a few dollars a month.

**The Bike**  
 Any bike that you feel comfortable on will work; make sure it is in good working order.  
 Consider weather protection such as fenders and a rack for carrying capacity.  
 Invest in a rechargeable headlight; helmet and handlebar mounts are available.

**Maintenance**  
 Have your bike checked over by your local bike shop.  
 Learn how to repair a flat, fix a chain and inspect your brake pads for wear.  
 Replace tires when they are worn out; use tire liners if you experience excessive flats.

**Weather**  
 Heat, cold and precipitation require special preparation for you and your bike.  
 Fenders and rain gear keep out the rain; use layers and wind proofing for cold days.  
 Some cycling-specific gear can provide relief on hot days; it keeps you cool and dry.

# Traffic Principles

Cyclists fare best when they act and are treated as drivers of vehicles.

**Ride on the right**  
 Always ride with the flow of traffic.  
 Do not ride on the sidewalk.  
 Allow yourself room to maneuver around roadway hazards.

**Yield to traffic in busier lanes**  
 Roads with higher traffic volumes should be given right of way.  
 Always use signals to indicate your intention to switch lanes.  
 Look behind you to indicate your desire to move and to make sure that you can.

**Yield to traffic in destination lane**  
 Traffic in your destination lane has the right of way.  
 Making eye contact with drivers lets them know that you see them.  
 Signal and make your lane change early, before you need to.

**Destination Positioning**  
 Position yourself in the right-most lane that goes in the direction of your destination.  
 Ride in the right third of the lane.  
 Avoid being overtaken in narrow-lane situations by riding in the right third of the lane.

**Speed Positioning**  
 Position yourself relative to the speed of other traffic.  
 Left-most lane is for fastest moving traffic; right-most for slower traffic.  
 Yield to faster moving vehicles by staying to the right in the lane.

**Lane Positioning**  
 Ride on the right.  
 Ride in the same direction as traffic; stay far enough away from the curb to avoid hazards.  
 Ride in the right third of the right-most lane that goes in the direction you are going.  
 Take the entire lane if traveling the same speed as traffic or in a narrow lane.

**Parked cars**  
 Ride in a straight line, not in and out between parked cars on the side of the road.  
 Beware of cars merging into the roadway from a parallel parking position.  
 Always ride far enough away from parked cars to avoid hitting a surprise open door.

Source: League of American Bicyclists

# Ten Commandments of Bicycling

- I. Wear a helmet for every ride and use lights at night.
- II. Conduct an ABC Quick Check before every ride.
- III. Obey traffic laws: ride on the right, slowest traffic farthest to right.
- IV. Ride predictably and be visible at all times.
- V. At intersections, ride in the right-most lane that goes in your direction.
- VI. Scan for traffic and signal lane changes and turns.
- VII. Be prepared for mechanical emergencies with tools and know-how.
- VIII. Control your bike by practicing bike handling skills.
- IX. Drink before you are thirsty and eat before you are hungry.
- X. Have fun!

Source: League of American Bicyclists



# Anticipating Motorist Errors

**Left Turn**  
 Motorists often misjudge the speed of oncoming cyclists and turn into them.  
 Make eye contact when approaching a motorist positioned for a left turn ahead of you.  
 Maintain a straight line unless you need to execute an instant turn or quick stop.

**Right Turn**  
 Right turning motorists may turn just after overtaking a cyclist; avoid blind spots.  
 Be aware of overtaking motorists in high traffic situations with constant scanning.  
 Watch the front wheel of the car or look for a signal and avoid them as they turn.

**Crossing**  
 Motorists may not recognize a cyclist's right to the road and pull out in front of them.  
 Do not ride so far to the right that you are not in the motorist's normal scanning area.  
 Announce your presence loudly to try and get a motorist's attention before they move.

**Prevention**  
 Always wear bright clothing to make yourself more visible day and night.  
 Learn to recognize when motorists will turn and when they will wait.  
 Ride predictably where you will be seen and always wear a helmet.

**Assert Yourself**  
 Plan to take your right of way but be prepared to act to avoid a collision.  
 Use hand signals, a bell, your voice, lights, anything to get the attention of motorists.  
 Always be aware of a safe way out whether you expect to use it or not.

Source: League of American Bicyclists

# Information Resources

- Cincinnati Bicycle Transportation Program  
<http://www.cincinnati-oh.gov/transeng/pages/-6807/>
- Cincinnati Public Works hotline  
 513-591-6000
- OKI Regional Council of Governments  
<http://www.oki.org/transportation/index.html>
- Queen City Bike  
<http://queencitybike.blogspot.com/>
- Cincinnati Cycle Club  
<http://www.cincinnati-cycleclub.org/index.html>
- Hamilton County Park District  
<http://www.hamiltoncountyparks.org/>
- Mobo Bicycle Co-op  
<http://mobobicyclecoop.org/>
- Ohio Bicycle Federation  
<http://www.ohiobike.org/>
- Ohio Department of Transportation  
<http://www.dot.state.oh.us/Services/Pages/bike.aspx>
- Kentucky Transportation Cabinet  
<http://bikewalk.ky.gov/>
- Share the Road license plates:  
 Ohio – <https://www.oplates.com/>  
 Kentucky – <http://mvl.ky.gov/MVLWeb/PIServlet#ABC1>
- League of American Bicyclists  
<http://www.bikeleague.org/>

OKI Regional Council of Governments  
 1515 East Main Street  
 Cincinnati, Ohio 45202-3778  
 www.oki.org  
 513.521.8000  
 513.521.9205 (Fax)

# Ohio Bicycle Traffic Laws

Title 45 of the Ohio Revised Code contains the laws that govern operation of vehicles on Ohio roads. The laws describe what a driver is required to do or prohibited from doing. In addition, the Ohio Bicycling Street Smarts booklet provides practical information for riding with traffic confidently.

**§ 4501.01. Definitions.**  
 As used in this chapter and Chapters 4503, 4505, 4507, 4509, 4511, 4513, 4515, and 4517, of the Revised Code, and in the penal laws, except as otherwise provided:  
 (A) "Vehicle" means every device, including a motorized bicycle, in, upon, or by which any person or property may be transported or drawn upon a highway, except that "vehicle" does not include any motorized wheelchair, any electric personal assistive mobility device, any device that is moved by power collected from overhead electric trolley wires or that is used exclusively upon stationary rails or tracks, or any device, other than a bicycle, that is moved by human power.

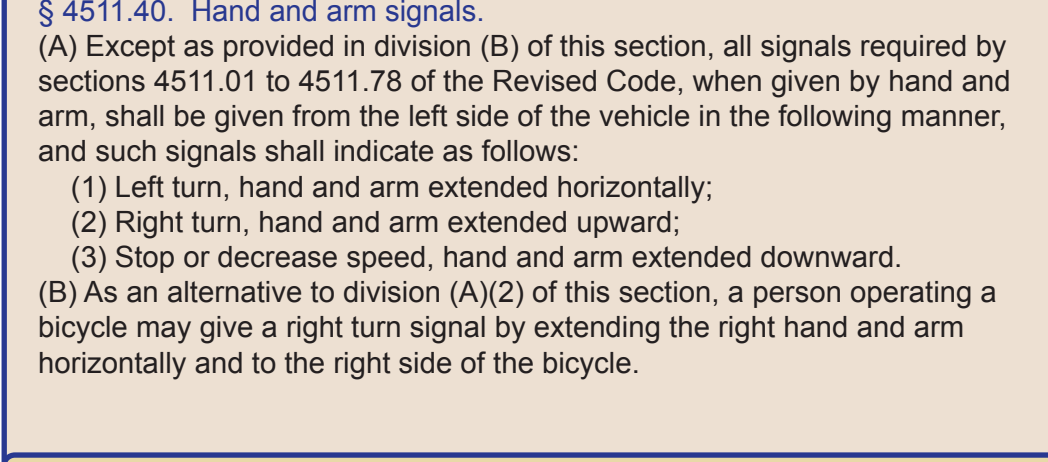
**§ 4511.25. Lanes of travel upon roadways.**  
 (B)(1) Upon all roadways any vehicle or trackless trolley proceeding at less than the prevailing and lawful speed of traffic at the time and place and under the conditions then existing shall be driven in the right-hand lane then available for traffic, and far enough to the right to allow passing by faster vehicles if such passing is safe and reasonable, except under any of the following circumstances:  
 (a) When overtaking and passing another vehicle or trackless trolley proceeding in the same direction;  
 (b) When preparing for a left turn;  
 (c) When the driver must necessarily drive in a lane other than the right-hand lane to continue on the driver's intended route.

**§ 4511.36. Rules for turns at intersections.**  
 The driver of a vehicle intending to turn at an intersection shall be governed by the following rules:  
 (A) Approach for a right turn and a right turn shall be made as close as practicable to the right-hand curb or edge of the roadway.  
 (B) At any intersection where traffic is permitted to move in both directions on each roadway entering the intersection, an approach for a left turn shall be made in that portion of the right half of the roadway nearest the center line thereof and by passing to the right of such center line where it enters the intersection and after entering the intersection the left turn shall be made so as to leave the intersection to the right of the center line of the roadway being entered. Whenever practicable the left turn shall be made in that portion of the intersection to the left of the center of the intersection.

**§ 4511.39. Turn and stop signals.**  
 No person shall turn a vehicle or trackless trolley or move right or left upon a highway unless and until such person has exercised due care to ascertain that the movement can be made with reasonable safety nor without giving an appropriate signal in the manner hereinafter provided.

When required, a signal of intention to turn or move right or left shall be given continuously during not less than the last one hundred feet traveled by the vehicle or trackless trolley before turning, except that in the case of a person operating a bicycle, the signal shall be made not less than one time but not more than two times the length of the center line of the roadway to be made a signal if the bicycle is in a designated turn lane, and a signal shall not be given when the operator's hands are needed for the safe operation of the bicycle.

**§ 4511.40. Hand and arm signals.**  
 (A) Except as provided in division (B) of this section, all signals required by sections 4511.01 to 4511.78 of the Revised Code, when given by hand and arm, shall be given from the left side of the vehicle in the following manner, and such signals shall indicate as follows:  
 (1) Left turn, hand and arm extended horizontally;  
 (2) Right turn, hand and arm extended upward;  
 (3) Stop or decrease speed, hand and arm extended downward.  
 (B) As an alternative to division (A)(2) of this section, a person operating a bicycle may give a right turn signal by extending the right hand and arm horizontally and to the right side of the bicycle.



**§ 4511.52. Bicycles.**  
 (A) Sections 4511.01 to 4511.78, 4511.99, and 4513.01 to 4513.37, of the Revised Code that are applicable to bicycles apply whenever a bicycle is operated upon any highway or upon any path set aside for the exclusive use of bicycles.  
 (B) Except as provided in division (D) of this section, a bicycle operator who violates any section of the Revised Code described in division (A) of this section that is applicable to bicycles may be issued a ticket, citation, or summons by a law enforcement officer for the violation in the same manner as the operator of a motor vehicle would be cited for the same violation. A person who commits any such violation while operating a bicycle shall not have any points assessed against the person's driver's license, commercial driver's license, temporary instruction permit, or probationary license under section 4510.036 of the Revised Code.

**§ 4511.54. Prohibition against attaching bicycles and sleds to vehicles.**  
 No person riding upon any bicycle, coaster, roller skates, sled, or toy vehicle shall attach the same or self to any streetcar, trackless trolley, or vehicle upon a roadway.

**§ 4511.55. Riding devices on bicycle.**  
 (A) Every person operating a bicycle upon a roadway shall ride as near to the right side of the roadway as practicable obeying all traffic rules applicable to vehicles and exercising due care when passing a standing vehicle or one proceeding in the same direction.  
 (B) Persons riding bicycles or motorcycles upon a roadway shall ride not more than two abreast in a single lane, except on paths or parts of roadways set aside for the exclusive use of bicycles or motorcycles.  
 (C) This section does not require a person operating a bicycle to ride at the edge of the roadway when it is unreasonable or unsafe to do so. Conditions that may require riding away from the edge of the roadway include when necessary to avoid fixed or moving objects, parked or moving vehicles, surface hazards, or if it otherwise is unsafe or impracticable to do so, including if the lane is too narrow for the bicycle and an overtaking vehicle to travel safely side by side within the lane.

**§ 4511.56. Signal devices on bicycle.**  
 (A) Every bicycle when in use at the times specified in section 4513.03 of the Revised Code, shall be equipped with the following:  
 (1) A lamp mounted on the front of either the bicycle or the operator that shall emit a white light visible from a distance of at least five hundred feet to the front and three hundred feet to the sides. A generator-powered lamp that emits light only when the bicycle is moving may be used to meet this requirement.  
 (2) A red reflector on the rear that shall be visible from all distances from one hundred feet to six hundred feet to the rear when directly in front of lawful low beams of head lamps on a motor vehicle.  
 (3) A lamp emitting either flashing or steady red light visible from a distance of five hundred feet to the rear shall be used in addition to the red reflector. If the red lamp performs as a reflector in that it is visible as specified in division (A)(2) of this section, the red lamp may serve as the reflector and a separate reflector is not required.  
 (B) Additional lamps and reflectors may be used in addition to those required under division (A) of this section, except that red lamps and red reflectors shall not be used on the front of the bicycle and white lamps and white reflectors shall not be used on the rear of the bicycle.  
 (C) A bicycle may be equipped with a device capable of giving an audible signal, except that a bicycle shall not be equipped with nor shall any person use upon a bicycle any siren or whistle.  
 (D) Every bicycle shall be equipped with an adequate brake when used on a street or highway.

**§ 4511.711. Driving upon sidewalk area.**  
 No person shall drive any vehicle, other than a bicycle, upon a sidewalk or sidewalk area except upon a permanent or duly authorized temporary driveway.

Nothing in this section shall be construed as prohibiting local authorities from regulating the operation of bicycles within their respective jurisdictions, except that no local authority may require that bicycles be operated on sidewalks.

**Additional Local Regulations**  
 Cincinnati Code 506-5 prohibits persons over 15 years to ride a bicycle on the sidewalk.  
 Bicycle helmets are required for persons 16 and younger in Cincinnati, Blue Ash, Madeira, and Glendale.

See the Ohio Bicycle Federation Web Pages, [www.ohiobike.org](http://www.ohiobike.org) for more information about bicycle operation, safety, traffic law and measures communities can take to improve cycling.

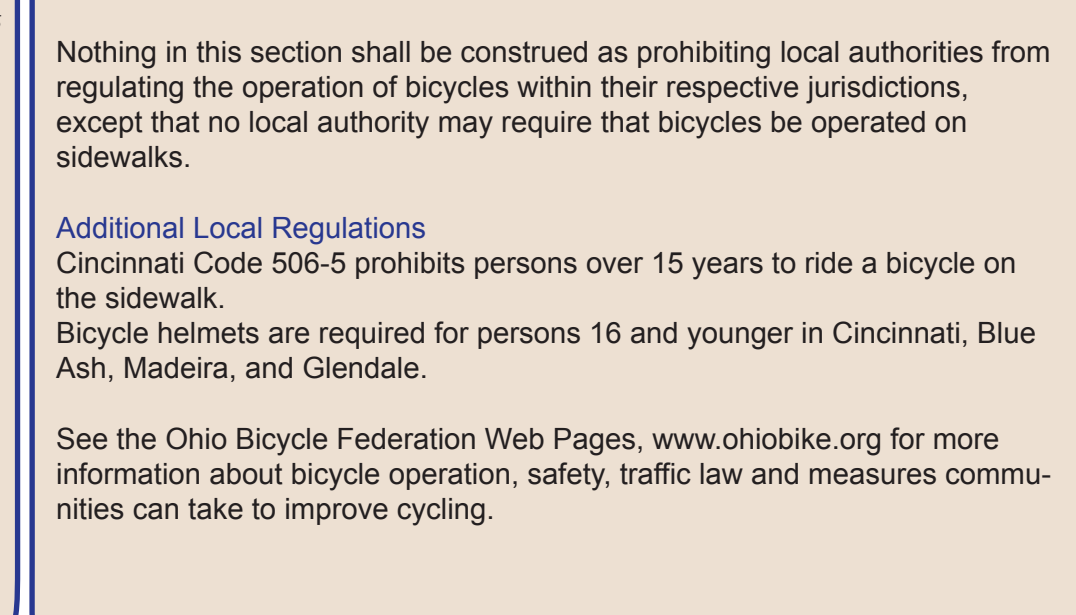


Photo provided by OKI Regional Council of Governments

# Cincinnati 2009 Bike Route Guide

Ohio - Kentucky - Indiana  
 Regional Council of Governments  
 OKI