



Bicycling in Dayton - 2011 and Beyond...

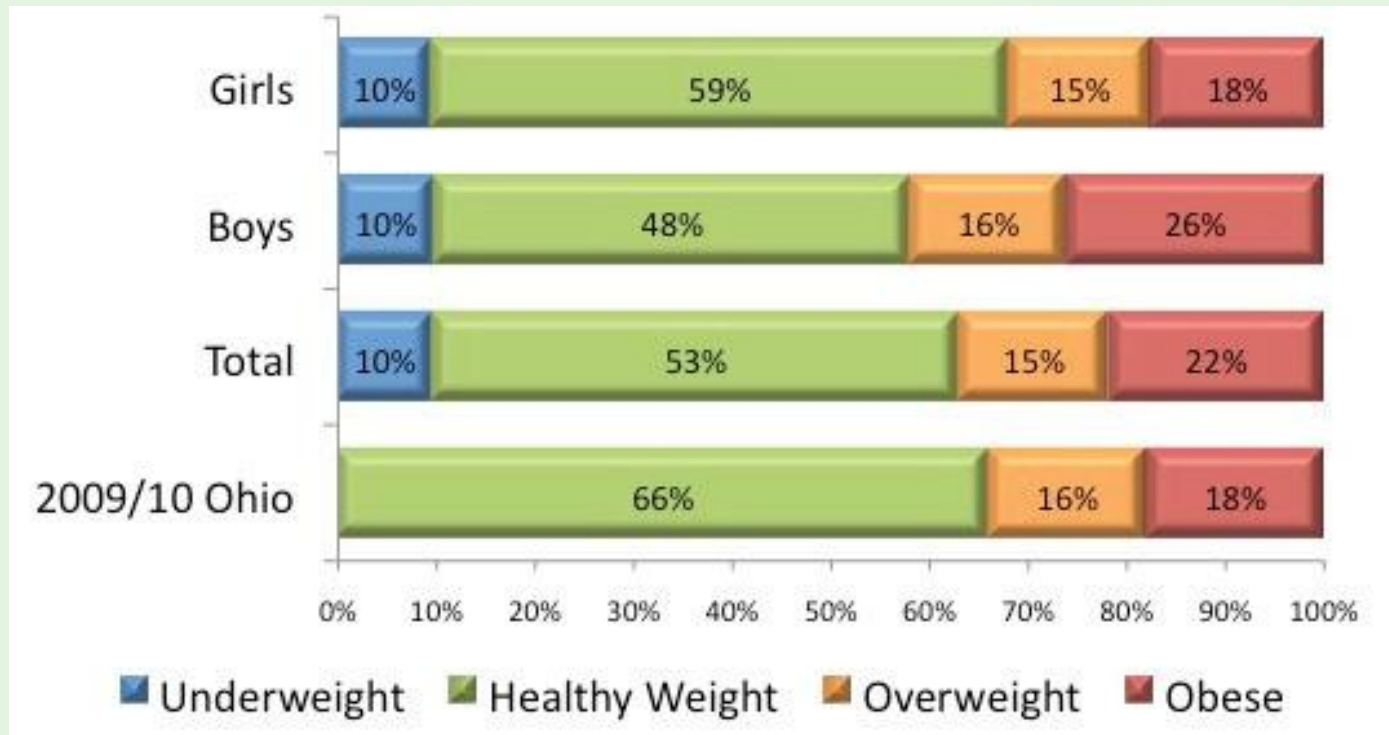


City of Dayton
Department of Planning & Community Development



Why Bicycling?

For Health: *More Bikes=Less Obesity*



34% of Ohioans are overweight or obese

37% of children are overweight or obese

“Regional Pediatric Health Assessment” (Dayton Children’s Hospital, 2011)

For Roadway Safety: More Bikes=Safer Roads

“Evidence of Why Bike-Friendly Cities are Safer for All Road Users”

(Environmental Practice, March 2011)

In “Low Bicycling” cities, the study found that:

- Fatality rate for people in vehicles – **four times higher**
 - Fatality rate for pedestrians – **eight times higher**
- **Twice** as many bike fatalities in low biking cities **with fewer bicyclists** compared to cities with more bicyclists

Hypothesis – More bicyclists = Lower speeds

For Economic Development: More Bikes=Vibrant Economy

National bicycling industry annually contributes:

- **\$133 billion** in economic activity
- Supports **1.1 million jobs** (NV)
- Generates **\$17.7 billion** in federal, state, & local taxes
- Bicyclists spend **\$46.9 billion** on meals, transportation, lodging, gifts, and entertainment while on bike trips

“The Economic Benefits of Bicycle Infrastructure Investments” (Advocacy Advance Project, 2009)

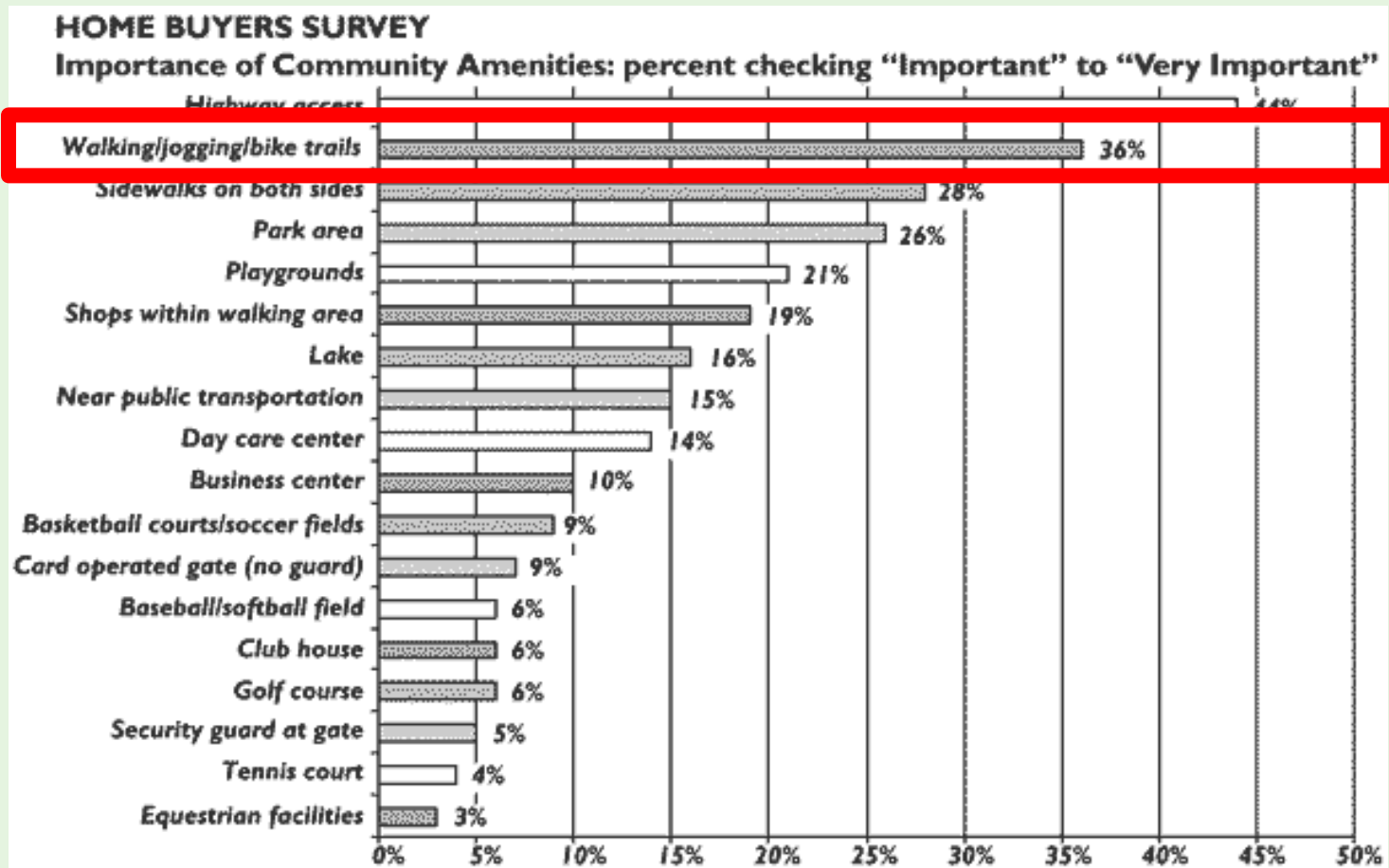
For Jobs: More Bikes=Higher Employment

Bicycle and pedestrian projects create more jobs than road projects.

For every \$1 million spent:

- Road-only Projects = 7.8 jobs
- Bicycle & Pedestrian Only Projects = 8.4 jobs
 - Multi-use Trail Projects = 9.6 jobs
 - Pedestrian Only Projects = 9.9 jobs
- **Bicycle Only Projects = 11.4 jobs**

For Resident Attraction: More Bikes=Desirable Neighborhoods



Nat. Assoc. of Home Builders & Nat. Assoc. of Realtors (2002)

To Stop “Brain Drain”: More Bikes=Quality of Life

KEY INSIGHTS

Post-grad decision based on job access **AND** quality of life

Those who connect with Dayton’s assets and amenities are
MORE LIKELY to stay

Need to focus on **DOWNTOWN VIBRANCY**

YEAR THREE PRIORITY RECOMMENDATIONS

Build greater **STREET BUZZ** downtown

Create more **MULTI-MODAL** options

Bicycling in the City Today

REGIONAL TRAILS NETWORK

BRONZE MEDAL COMMUNITY

LIVABLE STREETS POLICY

COURTEOUS MASS RIDE

SAFE ROUTES TO SCHOOL

**LIFE ENRICHMENT CENTER
BIKE SHOPPE**

LOCAL INFRASTRUCTURE

**LIFE ENRICHMENT CENTER
SAFETY VILLAGE**

BIKES-ON-BUS

**FIVE RIVERS METROPARKS
CYCLING CLASSES/PROGRAMS**

BIKE-TO-WORK DAY/MONTH

RIVERSCAPE BIKE HUB

YELLOW BIKE PROGRAM

MIAMI VALLEY CYCLING SUMMIT

DAYTON RIVER RIDE

Points of Interest

The Great Miami River Recreation Trail

The Great Miami River Recreation Trail began in 1978 with the construction of an 8-mile loop in downtown Dayton. The recreation trail today extends through Montgomery County from the southern county line (and 4 miles farther south into Warren County) north to just a half-mile shy of the Montgomery County/Miami County line. Trail users have an uninterrupted trail of nearly 28 miles from the city of Franklin in Warren County to northern Montgomery County. Along the Great Miami River Recreation Trail, users pass numerous parks, historic sites, nature areas, amenities and attractions, including:



Dayton Art Institute:

Celebrating 91 years of collecting, interpreting and celebrating visual art, the Dayton Art Institute is committed to enriching lives and serving the community by creating meaningful experiences with art.



Riverscape:

Formerly Van Cleve Park, this popular park, found along the Great Miami River in the heart of Downtown Dayton, is a hub of activities for all ages -- from concerts and community events to pedal boats and other river rentals. Beautiful floral plantings, hanging baskets and fountains make RiverScape the Miami Valley's favorite community gathering place.



Fifth Third Field:

Fifth Third Field is home to the Dayton Dragons, a single-A minor league baseball affiliate of the Cincinnati Reds. The stadium's 7,230 seats and 29 luxury suites offer an intimate setting to enjoy the exciting action on the field.



Deeds Point:

Come Visit Deeds Point MetroPark and enjoy the best view of downtown Dayton. Park your car and enjoy a bike ride on the recreation trails that cross through this urban park or watch the fountains spray water over 200 feet in the air!



Dayton Bike Hub:

Five River's MetroPark's new RiverScape Bike Hub lies at the intersection of 70 miles of regional bikeways and will make it easier for downtown Dayton cyclists to bike to and from work.

Other Attractions:

- | | |
|-------------------------------|--------------------------|
| Adventure Central | Patterson Homestead |
| Boonshoft Museum of Discovery | Belmont Disc Golf |
| Dayton Recreation Centers | Schuster Center |
| Dunbar Memorial | 2nd Street Public Market |
| Indoor BMX Track | MoMBA |
| Carillon Historic Park | Excellent fishing spots |

Always Wear a Helmet:
It is one of the best things you can do to protect yourself on a bicycle.



Your brain is worth protecting! Adjust for a level, snug fit.

Eyes: Should see the helmet edge when you look up.

Ears: Straps should form a "Y" just under your ears.

Mouth: Straps loose enough for a finger between buckle and jaw, but tight enough that the helmet pulls down on top of your head when you open your mouth wide.

BIKE /WALK DAYTON

Getting Around Town Without a Car



Rules of the Road

Bicyclists have all the same rights and responsibilities as the driver of any other vehicle and can be ticketed for violating Ohio traffic laws. We'll all be safer and happier if we show respect and consideration for one another when driving or biking on Ohio's roads and trails.

For Motorists:

- Do not make turns immediately in front of a cyclist.
- Do not drive too fast for conditions.
- Before opening your car door, look for bicyclists who may be approaching.

For Cyclists:

- Do not ride against traffic.
- Do not fail to yield when required.
- Do not run stop signs or red lights.
- Do not ride at night without proper lighting.
- Do not ride into a street at mid-block.



Be Seen

Motorists often don't "see" cyclists, or understand the traffic problems, road conditions and hazards cyclists face. Help them learn to share the road with bikes:

- Ride predictably, consistently and attentively.
- Stay to the right, but don't hug the curb. Ride in the right wheel track of motor vehicles. This not only places you within the motorists' field of vision but also allows you to move away from traffic to avoid obstacles, open car doors, or crowding by another vehicle.



Learn to Leave Your Car!



Ride Safely



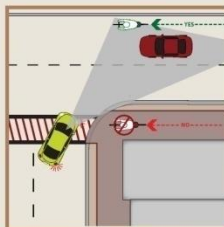
Ride a Straight Course:

Don't swerve between parked cars; you'll disappear behind a car, and then suddenly pop out into traffic again.



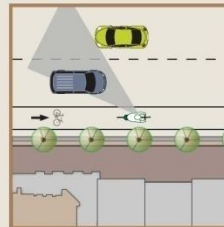
Ride to the Right and NEVER Against Traffic:

Never ride against the direction of traffic (on the left side of the road). Ride in the right lane except when avoiding road hazards, passing another vehicle, or preparing to make a left turn.



Dangers of Sidewalk Riding:

Remember that you are "invisible" on sidewalks! Cycling on sidewalks is VERY dangerous. Motorists are looking in the road; they are not looking for vehicles like bikes, which may be moving at nearly traffic speed on the sidewalk. They commonly don't "see" you.



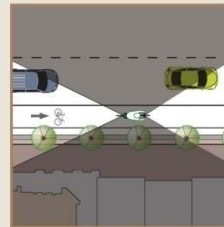
Look Behind You:

Learn to quickly scan the traffic behind you without swerving. Practice in an empty parking lot until it's easy.



Don't Sneak Past Cars:

Take your place in line behind cars stopped at a light or stop sign. Don't creep up on their blind side; they might cut you off. Think about it: if you make cars pass you twice, you double your risk.



Night Riding:

You can never be too visible on a bike. In addition to bright lights, bright and reflective clothing make you more visible and safer.

Always wear proper safety gear.

Local, State & National Links

Resources

- | | |
|---|--|
| Organization: | Web site: |
| Miami Valley Regional Planning Commission | mvrpc.org |
| Five Rivers Metroparks | metroparks.org |
| Miami Conservancy District | miamiconservancy.org |
| ODOT- Office of Multi-Modal Planning | dot.state.oh.us |
| Federal Highways Administration, Bicycle and Pedestrian Program | fhwa.dot.gov/environment/bike_ped/ |
| League of American Bicyclists | bikeleague.org |
| Pedestrian and Bicycle Information Center | bicyclinginfo.org |
| Alliance for Biking and Walking | peoplepoweredmovement.org |
| National Center For Cycling and Walking | bikewalk.org |

Organizations

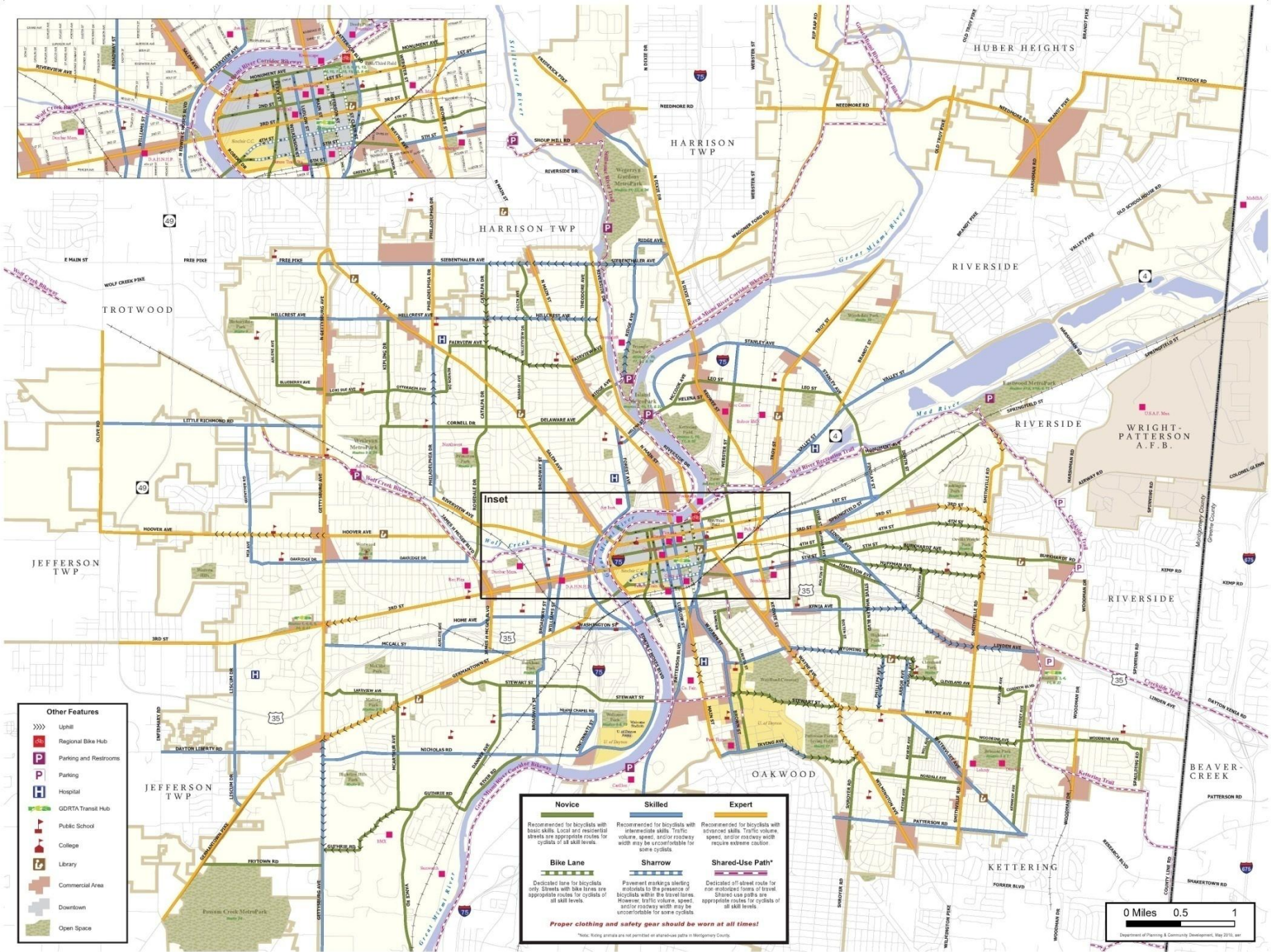
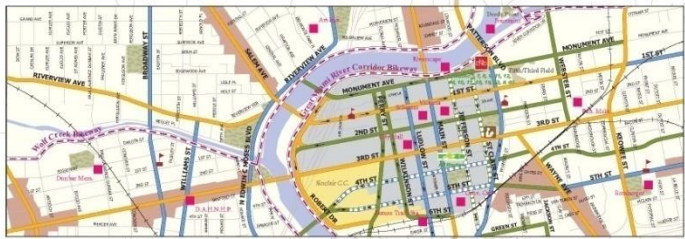
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| Organization: | Web site: |
| Dayton Cycling Club | daytoncyclingclub.org |
| Major Taylor Cycling Club | majortaylordayton.org |
| Team Dayton Cycling | teamdaytoncycling.com |
| Dayton BMX | bmxdayton.com |
| Ohio Bicycle Federation | ohiobike.org |
| Ohio Mountain Bike Association | joinmba.org |
| MoMBA | metroparks.org |



Public Health | Dayton & Montgomery County | D&M | GET UP! | Pedal Pals | Five Rivers Metroparks | www.prem.eriehealthpartners.org | www.greatdayton.org | www.metrotparks.org | Miami Valley Hospital | Good Samaritan Hospital | Health Partners

Thank you to our generous sponsors

League of American Bicyclists
BRONZE Medal Bike Friendly Community



- Other Features**
- Uphill
 - Regional Bike Hub
 - Parking and Restrooms
 - Parking
 - Hospital
 - GDRTA Transit Hub
 - Public School
 - College
 - Library
 - Commercial Area
 - Downtown
 - Open Space

Novice	Skilled	Expert
<p>Recommended for bicyclists with basic skills. Local and residential streets are appropriate routes for cyclists of all skill levels.</p> <p>Bike Lane</p> <p>Dedicated lane for bicyclists only. Streets with bike lanes are appropriate routes for cyclists of all skill levels.</p>	<p>Recommended for bicyclists with intermediate skills. Traffic volume, speed, and/or roadway width may be uncomfortable for some cyclists.</p> <p>Sharrow</p> <p>Pavement markings alerting motorists to the presence of bicyclists within the travel lanes. However, traffic volume, speed, and/or roadway width may be uncomfortable for some cyclists.</p>	<p>Recommended for bicyclists with advanced skills. Traffic volume, speed, and/or roadway width require extreme caution.</p> <p>Shared-Use Path*</p> <p>Dedicated off-street route for non-motorized forms of travel. Shared use paths are appropriate routes for cyclists of all skill levels.</p>
<p><i>Proper clothing and safety gear should be worn at all times!</i></p>		



Formalizes Dayton Bike/Walk Committee

Outlines Objectives and Projects to become Platinum Community by 2025

-20 Objectives

-70+ Projects

Action Plan as opposed to Infrastructure Plan

**Require public, private,
and non-profit
investments**

City of Dayton 2025 Bicycle Action Plan

2011



City of Dayton
Department of Planning & Community Development
101 West Third Street
Dayton, Ohio 45402

VISION

The bicycle is commonly viewed as a legitimate, safe, reliable, meaningful, and convenient method of transportation in the City of Dayton for recreational, utilitarian, and commuting bicyclists of all skill levels.

What is on the horizon?

- **New Bikeways**

- Brown Street/SE Corridor Bikeway (2012)
- Steve Whalen Boulevard Bikeway (2013)
- E. Fifth Street & Hamilton Avenue Bikeway (2015)
- Helena Street/Keowee Street Bikeway (2016)
- Broadway Street Bikeway (2016)

- **Upcoming Projects**

- Trail Access Point Evaluation (CMAQ app)
- 2040 MVRPC LRTP Project Submissions
- Downtown Bike Rack Project
- Bike Parking for Commuters

Thoughts to Take Away:

- Bicycling can (and should) be a viable transportation alternative in the City of Dayton
- Bicycling is important for the environment, physical fitness, job/school access, resident retention, and personal freedom.
- Bicycling is a driver of tourism and economic development
- Bicycling is safe and affordable FUN!!!

Andrew Rodney, Division of Planning

333-3635

andrew.rodney@daytonohio.gov