

Micromobility

Arizona State Regulations

Definitions

- [Bicycle](#)
- [E-Bike \(Class 1, 2, 3\)](#)
- [Electric Miniature Scooter](#)
- [EPAMD \(Electric Personal Assistive Mobility Device\)](#)
- [Electric Stand-up Scooter](#)
- [Golf Cart](#)
- [Moped](#)
- [Motorcycle](#)
- [Motor Driven Cycle](#)
- [Motorized Quadricycle](#)
- [Motorized Skateboard](#)
- [Motorized Wheelchair](#)
- [Neighborhood Electric Vehicle](#)
- [Personal Mobile Cargo Carrying Device](#)

Rules

- Subject to local restrictions, class 1 & 2 e-bikes and electric standup scooters may be used on bicycle and multiuse paths and class 3 e-bikes may not unless it is adjacent to a roadway or highway
- Electric Standup scooters must have a unique ID number
- Manufacturers and distributors of electric bicycles must include a permanent label with a classification number, top assisted speed, and motor wattage.
- Wheelchairs, motorized wheelchairs, EPAMDs, and personal mobile cargo carrying devices considered pedestrians
- E-bikes or electric stand-up scooters considered bikes.

Other State Regulations

New Jersey

Strict Registration Rule

NEW JERSEY E-BIKE LAW

Effective January 19, 2026

Important Update

All e-bikes in New Jersey now require a licensed rider, state registration, and insurance coverage.

E-Bike Classes Covered

• Class 1 & Class 2: Max speed 20 mph

• Class 3: Max speed 28 mph (Treated similar to motorized bicycles)

Rider Requirements

• Valid NJ driver's license OR motorized bicycle license (Age 15+)

• NJ MVC Registration Required

• Liability Insurance Required

Age Limit

No riders under 15 allowed to operate e-bikes with motor assistance.

Enforcement

Education-first enforcement

\$50 Violation Fine

Focus on unsafe, reckless, unlicensed, or uninsured riding

Ride Smart • Ride Legal • Ride Safe

California

Local Pilot Programs

California has allowed age related restriction tests in San Diego and Marin Counties to be evaluated in 2028

Massachusetts

Speed based classification

Tier 0 0-20 MPH	A. Human-powered Micromobility Devices
	B. Powered Micromobility Devices
	C. Mobility Aid Devices
Tier 1 21-30 MPH	A. Class 3 E-bikes
	B. Powered Micromobility Devices
	C. Mopeds with 2 or 3 wheels
Tier 2 31-40 MPH	A. Limited Use Motorcycles
	B. Powered Micromobility Devices
Tier 3 41+ MPH	A. Motorcycles
	B. Powered Micromobility Devices

Flagstaff Ordinance - Overview

9-05-001-0004 FACILITIES UPON WHICH PERSONS ARE AUTHORIZED TO OPERATE DEVICES

A. The following table indicates where devices are allowed or prohibited on facilities:

Device	Sidewalks*	Bike Lane	Roadway	FUTS* Paved/Hard Surface	FUTS* Unpaved/Gravel
Bicycle	Yes	Yes	Yes	Yes	Yes
E-bike, Class 1	Yes	Yes	Yes	Yes	Yes
E-bike, Class 2	Yes	Yes	Yes	Yes	Yes
E-bike, Class 3	No	Yes	Yes	No	No
Electric personal assistive mobility device	Yes	Yes	Yes	Yes	Yes
E-standup scooter	No	Yes	Yes	Yes	No
Motorized bicycle	No	Yes	Yes	No	No
Lightweight wheeled vehicle	Yes	Yes	Yes	Yes	Yes

Local Ordinances

Flagstaff's most recent micromobility regulation is a 2019 bicycle ordinance

Tempe & Gilbert are useful case studies as both have both updated/created specific micromobility codes in the past year

The list on the left contains categories for the types of rule in a micromobility ordinance.

General Rule Categories

- Classifications and Definitions
- Sidewalk Regulations
- Multi-use Paths and Trails
- Bike and Vehicle Lanes
- Age and Helmet Restrictions
- Equipment
- Enforcement
- Miscellaneous/Other

Definitions

Flagstaff (2019)

- Bikes
- Class 1, 2, & 3 E-Bikes
- EPAMDs
- E Stand-up Scooter
- E Miniature Scooter
- [Motorized Bicycle](#)
- [Lightweight Wheeled Vehicle](#)
- [Exempt Vehicles](#)
- [Skateboard](#)

[Ordinance Link](#)

Tempe (2026)

- **Human Powered/Non-human Powered**
- Bikes
- Class 1, 2, & 3 E-Bikes
- EPAMDs
- Electric Stand-up Scooter
- Motor Driven Cycle
- **Motorized Skateboard**

[Ordinance Link](#)

Gilbert (2026)

- Bikes
- Class 1, 2, & 3 E-Bikes
- EPAMDs
- Electric Stand-up Scooters
- **Motorized Skateboard**
- **Moped**
- **Motorcycle**
- Motor Driven Cycle
- **Motorized Quadricycle**
- **Motor Vehicle**
- Golf Cart
- **Motorized Wheelchair**

[Ordinance Link](#)

Sidewalk Regulations

Flagstaff (2019)

Allowed unless otherwise posted:

- Class 1 & 2 E-bikes
- EPAMDs
- Lightweight Wheeled Vehicles

Must yield to pedestrians

Tempe (2026)

No non-human powered vehicles unless expressly permitted

Allowed if no motor engaged and following direction of street traffic:

- Bikes
- Non-human powered vehicles

Non-human powered vehicles allowed if vehicle lane speed is greater than 25 and there is no bike lane

Must yield to pedestrians & EPAMDs

Speed limit of 10 mph, 5 mph if passing

Must give audible signal when passing

Gilbert (2026)

Allowed unless otherwise posted:

- Bikes
- E-Bikes
- EPAMDs
- Electric Stand-up Scooter
- Electric Miniaturized Scooter
- Motorized Skateboard
- Motorized Wheelchair
- Personal Mobile Cargo Carrying Device

Must yield to pedestrians

Must give audible signal when passing

Speed limit of 15 mph

Riding against the flow of traffic is prohibited

Multi-use Paths and Trails

Flagstaff (2019)

Allowed on FUTS:

- Bikes
- Class 1 & 2 E-bikes
- EPAMDs
- Lightweight wheeled vehicles

Allowed only on paved FUTS:

- Electric Stand-up Scooters

On the Arizona Trail, Nate Avery Trail, or Buffalo Park Trail only these allowed:

- Bikes
- EPAMDs
- E-Bikes or scooters in a non-motorized capacity

Speed must be reasonable

Must give audible signal upon passing

Tempe (2026)

Authorized non-human powered devices have a speed limit of 15 mph, 5 mph when passing

Must give audible signal upon passing

Gas vehicles not permitted

Gilbert (2026)

Allowed unless otherwise posted:

- Bikes
- E-Bikes
- EPAMDs
- Electric Stand-up Scooter
- Electric Miniaturized Scooter
- Motorized Skateboard
- Motorized Wheelchair
- Personal Mobile Cargo Carrying Device

Must yield to pedestrians

Must give audible signal when passing

Speed limit of 15 mph

Riding against the flow of traffic is prohibited

Bike & Vehicle Lanes

Flagstaff (2019)

Allowed:

- Bikes
- Class 1, 2, & 3 E-Bikes
- EPAMDs
- Electric Stand-up Scooters
- Gas-powered motorized bicycles
- Lightweight wheeled vehicles

A maximum of two vehicles may ride abreast

Tempe (2026)

Allowed:

- Bicycles
- All non-human powered vehicles

Speed limit of 28mph or posted speed limit, whichever is lower

Gilbert (2026)

Allowed in bike lanes:

- Bikes
- E-Bikes
- Electric Stand-up Scooters
- Electric Miniature Scooters

Prohibited in vehicle lanes with speed limits greater than 25mph and sidewalks or bike lanes:

- E-bikes
- EPAMDs
- Electric Miniature Scooters
- Electric Stand-up Scooters
- Mopeds
- Motorized Skateboards
- Motorized Wheelchairs

Riding against the flow of traffic is prohibited.

Age & Helmet Restrictions

Flagstaff (2019)

Anyone under 18 must wear a helmet

Tempe (2026)

With parent/guardian consent, minors can operate human powered vehicles and bicycles on a sidewalk.

With parent/guardian consent, minors 16 or older can operate an EPAMD on a sidewalk.

Anyone younger than 16 cannot operate a Class 3 E-bike or similar device.

Gilbert (2026)

Under 12 cannot operate:

- Class 1 & 2 E-Bike
- EPAMD
- Electric Miniature Scooters
- Electric Stand-up Scooters

Under 16 cannot operate:

- Class 3 E-bike

With some exceptions, anyone under 18 cannot be sold or given a Class 3 E-bike

Anyone under 18 must wear a helmet

Equipment

Flagstaff (2019)

Devices must have a brake

Devices operated at night must have a front light and back light or reflector

Tempe (2026)

All E-bikes must have a speedometer

Gilbert (2026)

Devices must have a brake

Devices operated at night must have a front white light, back red light, and back red reflector

Devices cannot have sirens or whistles, except anti-theft alarms

No alterations that affect safe operation

Enforcement

Flagstaff (2019)

The city may issue one permit for a shared micromobility provider

Unauthorized vendor E-bikes or scooters will be impounded

Lawfully detained individuals must provide a name, DOB, and address

Tempe (2026)

Under reasonable suspicion of any violation, any non-human powered device may be inspected to determine its legal classification

Gilbert (2026)

Class 1 misdemeanor for DUI

Class 1 misdemeanor for reckless riding

Class 1 misdemeanor for evading police

The first civil traffic violation may be dismissed by attending a safety program

Miscellaneous

Flagstaff (2019)

With exceptions, all vehicles must ride to the right

No more passengers than a vehicle is designed for

No attaching to another vehicle

Must ride on or astride a seat

Cannot carry a package that prohibits at least one hand to be put on the handlebars

Bikes may be registered with the police

Tempe (2026)

With exceptions, all vehicles must ride to the right

No more passengers than a vehicle is designed for

No attaching to another vehicle

Cannot carry a package that prohibits two hands to be put on the handlebars

Except pathways and roadways, no operating non-human powered vehicles in city parking structures or city parks

Gilbert (2026)

No more passengers than a vehicle is designed for

No attaching to another vehicle

Cannot carry any package that prevents the operator from effectively steering

No violating parking code

Must follow at a safe distance

E-Moto Definitions & Regulations

Example Definition – Boise, ID

A two or three-wheeled vehicle propelled in part or wholly by an electric motor **exceeding seven hundred fifty (750) watts**, or capable of a top speed of **more than twenty-eight (28) miles per hour**. Based on these characteristics, E-motos are not E-bikes as defined by Idaho Code or this Code, and do not fall within any other motorized vehicle definition within Title 49, Chapter 1 of the Idaho Code.

E-Motos are generally considered vehicles and must have license and registration to use. At the very least they are restricted to vehicle and bike lanes.

Potential Additions to Flagstaff's Code

Definitions & Classifications

Human Powered/Non-human Powered
Motorized Skateboard
E-Moto

Sidewalk Regulations

Must yield to pedestrians.
Must give audible signal upon passing.
Must follow direction of street or sidewalk traffic.
Speed limit of 10 or 15mph

Multi-use Paths & Trails

Electric Miniature Scooters allowed on paved FUTS (clarification).
Gas vehicles explicitly prohibited.
Speed limit of 15 or 20 mph.
Speed limit only when near others.

Potential Additions to Flagstaff's Code

Bikes & Vehicle Lanes

Speed limit of 28mph or posted speed limit.
Certain devices prohibited in vehicle lanes if there are bike lanes or sidewalks.
Riding against the flow of traffic is prohibited.

Age & Helmet Restrictions

Under 16 cannot ride a class 3 E-bike or any non-human powered device that can reach a speed over 20 mph.

Under 12 cannot operate any non-human powered device.

Minors prohibited from vehicle lanes with a speed limit over 25mph.

Helmet required for riding a class 3 E-bike or any other non-human powered device that can reach a speed of over 20 mph

Potential Additions to Flagstaff's Code

Equipment

All, or some, E-bikes must have a speedometer
No alterations that affect safe operation of any device

Enforcement

Under reasonable suspicion of any violation, any non-human powered device may be inspected to determine its legal classification

Miscellaneous

Must follow at a safe distance
Any parking rules or requirements

E-Moto Requirements

TBD

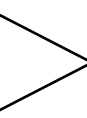
Definitions

ARS Definitions

Bicycle

A device, including a racing wheelchair, that is propelled by human power and on which a person may ride and that has either:

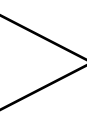
- (a) Two tandem wheels, either of which is more than sixteen inches in diameter.
- (b) Three wheels in contact with the ground, any of which is more than sixteen inches in diameter.



ARS Definitions

E-bike

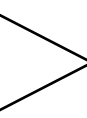
A bicycle or tricycle that is equipped with fully operable pedals and an electric motor of less than seven hundred fifty watts



ARS Definitions

Class 1 E-bike

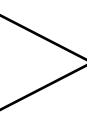
A bicycle or tricycle that is equipped with an electric motor that provides assistance only when the rider is pedaling and that ceases to provide assistance when the bicycle or tricycle reaches the speed of twenty miles per hour.



ARS Definitions

Class 2 E-bike

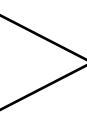
A bicycle or tricycle that is equipped with an electric motor that may be used exclusively to propel the bicycle or tricycle and that is not capable of providing assistance when the bicycle or tricycle reaches the speed of twenty miles per hour.



ARS Definitions

Class 3 E-bike

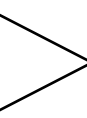
A bicycle or tricycle that is equipped with an electric motor that provides assistance only when the rider is pedaling and that ceases to provide assistance when the bicycle or tricycle reaches the speed of twenty-eight miles per hour.



ARS Definitions

Electric Personal Assistive Mobility Device (EPAMD)

A self-balancing device with one wheel or two nontandem wheels and an electric propulsion system that limits the maximum speed of the device to fifteen miles per hour or less and that is designed to transport only one person.

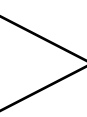


ARS Definitions

Electric Miniature Scooter

Electric miniature scooter" means a device that:

- (a) Weighs less than thirty pounds.
- (b) Has two or three wheels.
- (c) Has handlebars.
- (d) Has a floorboard on which a person may stand while riding.
- (e) Is powered by an electric motor or human power, or both.
- (f) Has a maximum speed that does not exceed ten miles per hour, with or without human propulsion, on a paved level surface.

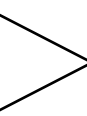


ARS Definitions

Electric Stand-up Scooter

A device that:

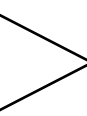
- (i) Weighs less than seventy-five pounds.
 - (ii) Has two or three wheels.
 - (iii) Has handlebars.
 - (iv) Has a floorboard on which a person may stand while riding.
 - (v) Is powered by an electric motor or human power, or both.
 - (vi) Has a maximum speed that does not exceed twenty miles per hour, with or without human propulsion, on a paved level surface.
- (b) Does not include an electric miniature scooter.



ARS Definitions

Golf Cart

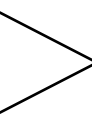
A motor vehicle that has not less than three wheels in contact with the ground, that has an unladen weight of less than one thousand eight hundred pounds, that is designed to be and is operated at not more than twenty-five miles per hour and that is designed to carry not more than four persons including the driver.



ARS Definitions

Moped

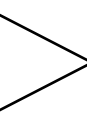
A bicycle, not including an electric bicycle, an electric miniature scooter or an electric standup scooter, that is equipped with a helper motor if the vehicle has a maximum piston displacement of fifty cubic centimeters or less, a brake horsepower of one and one-half or less and a maximum speed of twenty-five miles per hour or less on a flat surface with less than a one percent grade.



ARS Definitions

Motorcycle

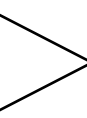
A motor vehicle that has a seat or saddle for the use of the rider and that is designed to travel on not more than three wheels in contact with the ground but excludes a tractor, an electric bicycle, an electric miniature scooter, an electric standup scooter and a moped.



ARS Definitions

Motor Driven Cycle

A motorcycle, including every motor scooter, with a motor that produces not more than five horsepower but does not include an electric bicycle, an electric miniature scooter or an electric standup scooter.

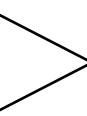
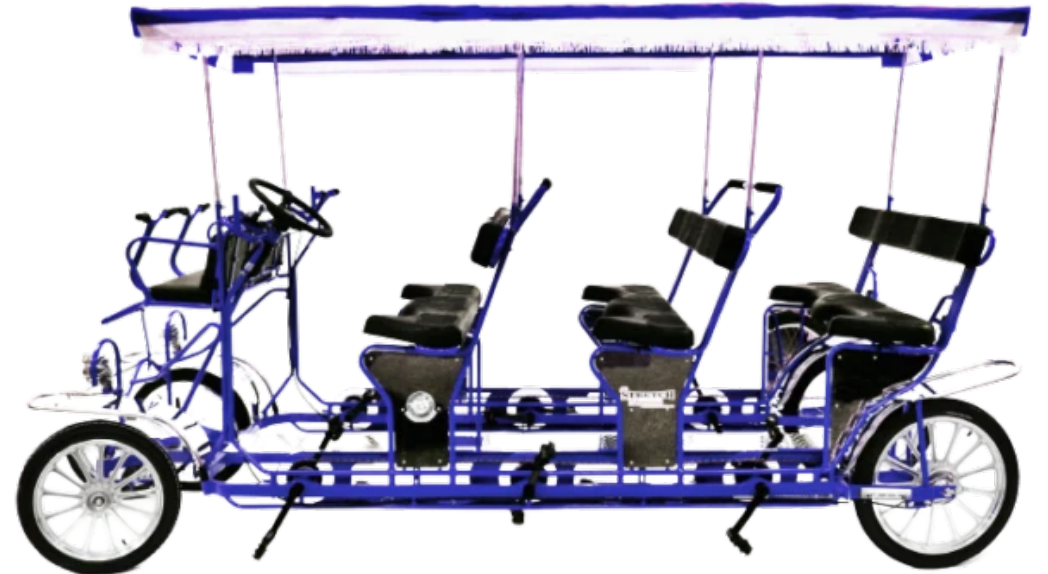


ARS Definitions

Motorized Quadricycle

A self-propelled motor vehicle to which all of the following apply:

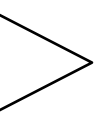
- (a) The vehicle is self-propelled by an emission-free electric motor and may include pedals operated by the passengers.
- (b) The vehicle has at least four wheels in contact with the ground.
- (c) The vehicle seats at least eight passengers, including the driver.
- (d) The vehicle is operable on a flat surface using solely the electric motor without assistance from the pedals or passengers.
- (e) The vehicle is a commercial motor vehicle as defined in section 28-5201.
- (f) The vehicle is a limousine operating under a vehicle for hire company permit issued pursuant to section 28-9503.
- (g) The vehicle is manufactured by a motor vehicle manufacturer that is licensed pursuant to chapter 10 of this title.
- (h) The vehicle complies with the definition and standards for low-speed vehicles set forth in 49 Code of Federal Regulations sections 571.3(b) and 571.500, respectively.



ARS Definitions

Motorized Skateboard

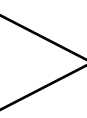
A self-propelled device that does not have handlebars and that has a motor, a deck on which a person may ride and at least two tandem wheels in contact with the ground.



ARS Definitions

Motorized Wheelchair

A self-propelled wheelchair that is used by a person for mobility.

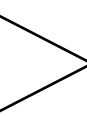


ARS Definitions

Neighborhood Electric Vehicle

A self-propelled electrically powered motor vehicle to which all of the following apply:

- (a) The vehicle is emission free.
- (b) The vehicle has at least four wheels in contact with the ground.
- (c) The vehicle complies with the definition and standards for low-speed vehicles, unless excepted or exempted under federal law, set forth in 49 Code of Federal Regulations sections 571.3(b) and 571.500, respectively.

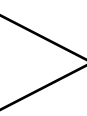


ARS Definitions

Personal Mobile Cargo Carrying Device

An electronically powered device that:

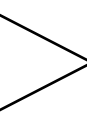
- (a) Is operated primarily on sidewalks and within crosswalks and that is designed to transport property.
- (b) Weighs less than eighty pounds, excluding cargo.
- (c) Operates at a maximum speed of twelve miles per hour.
- (d) Is equipped with technology to transport personal property with the active monitoring of a property owner and that is primarily designed to remain within twenty-five feet of the property owner.
- (e) Is equipped with a braking system that when active or engaged enables the personal mobile cargo carrying device to come to a controlled stop.



Additional Flagstaff Definitions

Motorized Bicycle

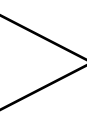
A motorized gas-powered bicycle or tricycle that is equipped with a helper motor that has a maximum piston displacement of forty-eight (48) cubic centimeters or less, that may also be self-propelled and that is operated at speeds of less than twenty (20) miles per hour.



Additional Flagstaff Definitions

Lightweight Wheeled Vehicle

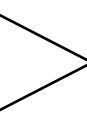
Roller skates, inline skates, scooters, roller skis, unicycles, or any other human-powered nonmotorized conveyance device with wheels or rollers.



Additional Flagstaff Definitions

Exempt Vehicles

When used for the purposes for which they are intended, wagons, wheelchairs, and strollers or other devices designed and used for the purpose of transporting children, infants, physically challenged or incapacitated persons, or carts or other devices intended and used for transporting merchandise or materials.



Additional Flagstaff Definitions

Skateboard

A platform mounted on wheels that is propelled by human power.

