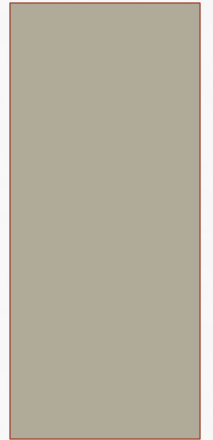





LIMITATIONS ON E-BIKES & MOTORIZED VEHICLES

2024



E-BIKE CATEGORIES

- Class 1: Bicycle equipped with a motor providing assistance only when the rider is pedaling that ceases to provide assistance when the electric bicycle reaches 20 mph.
- Class 2: Bicycle equipped with a pedal-assisted & throttle-actuated motor that ceases to provide assistance when the electric bicycle reaches 20 mph.
- Class 3: Bicycle equipped with a motor providing assistance only when the rider is pedaling that ceases to provide assistance when the electric bicycle reaches 28 mph.

Electric Bicycles	Electric Scooters	Electric OHV Motorcycles
		
Defining Features		
<ul style="list-style-type: none"> • < than 750 watts • Pedals • Fully functional as bicycle with motor off <p>3 classes with max speeds of 20 or 28mph</p>	<ul style="list-style-type: none"> • < 2,000 watts • Deck for standing • Equipped with throttle, brakes <p>Capable of speeds up to 20 mph although permitted speeds up to 15 mph.</p>	<ul style="list-style-type: none"> • Throttle • Foot pegs <p>Dirt bikes, Surrans, etc. Motor sizes and speeds can vary.</p>
Allowed Uses		
<ul style="list-style-type: none"> • Roads and bike lanes • Paved and designated unpaved trails • Sidewalks 	<ul style="list-style-type: none"> • Road shoulders and bike lanes • Paved trails • Sidewalks 	<ul style="list-style-type: none"> • OHV Trails - requires license or OHV certificate and registration
Prohibited Uses		
<ul style="list-style-type: none"> • Freeways and roads restricting bicycles • Under 8 years old 	<ul style="list-style-type: none"> • Freeways and roads restricting bicycles • Under 8 years old 	<ul style="list-style-type: none"> • Roads • Paved trails • Bike lanes • Sidewalks

OTHER ELECTRIC VEHICLES

1. Electric Scooters:

- Electric motor not exceeding 2000W
- Throttle
- Braking system
- Handlebars and deck for standing or handlebars and seat
- Two wheels in contact with the ground.
- Max speeds up to 20 mph on paved, level surface
- Design for ability to be propelled by human power alone but human effort not required.

ELECTRIC VEHICLES CON'T

2. Electric OHV Motorcycles:

- Throttle
- Foot Pegs
- Motor sizes and speeds vary. Speeds 40-50 mph
- Riders required to wear certified helmets and complete education course.
- Only allowed on OHV trails and where OHV vehicles are permitted. Max speed trails 15 mph.
- Not permitted on roads, paved trails, natural surface trails, bike lanes, or sidewalks.
- Utah DNR allows under 18 if adult supervision.

ELECTRIC VEHICLES CON'T

3. Electric Personal Assistive Mobility Device:

- two nontandem wheels in contact with the ground
- capacity to steer and stop
- electric propulsion system with average power of 1 hp or 750 watts
- maximum speed capacity of 12.5 mph
- deck design.
- does not include a wheelchair.

ELECTRIC PERSONAL ASSISTIVE MOBILITY DEVICE (EPAMD)



IS IT AN E-BIKE?

IS THE MOTOR 750 WATTS OR LESS?

YES

Is there a throttle?

YES

Class 2 E-bike



NO

Is the max assisted speed 20 mph?

YES

Class 1 E-bike



NO

Class 3 E-bike



NO

Does it have permanently affixed pedals from the manufacturer?

YES

Unclassified E-bike



NO

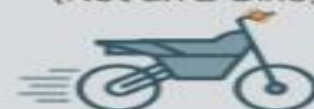
Is it capable of 40-50 mph and faster?

NO

Non-bike electric vehicle

YES

Electric Motorcycle (Not an E-Bike)



WHERE CAN YOU RIDE?

Always check regulations as rules can change between local, state, and federal agencies.

LOCAL: Consult your local land management agency. Class 1 E-bikes are most likely to be allowed on non-motorized trails.

STATE: Utah State Parks allows E-bikes on non-motorized trails open for bikes.

FEDERAL: On federal lands, E-bikes are considered motorized vehicles and have access to motorized trails.



USE ON PUBLIC PROPERTY (UCA 41-6A-1115.5)

1. No one under 8 may operate an e-bike with the motor engaged on any public property, road, path or sidewalk.
2. No one under 14 may operate an e-bike with the motor engaged on any public property, road, path or sidewalk unless a guardian is present (“under the direct supervision of the individual’s parent or guardian”).
3. No one under 16 may operate a class 3 e-bike.
4. No owner of an e-bike may “authorize or knowingly permit an individual to operate an electric assisted bicycle in violation of law”.

HEADGEAR/HELMETS (UCA 41-6A-1505)

1. No one under 21 may operate or ride any of the following without protective headgear:
 - (a) a motorcycle;
 - (b) a motor-driven cycle;*
 - (c) a class 3 electric assisted bicycle; or
 - (d) an auticycle that is not fully enclosed.

*A Motor-driven cycle is defined (41-6a-102 Definitions) as a motorcycle, moped, and a motorized bicycle having an engine with less than 150 cubic centimeters displacement or a motor that produces not more than 5 horsepower. It does not include an electric personal assistive mobility device, motor assisted scooter, or an electric assisted bicycle.

ELECTRIC SCOOTERS (UCA 41-6A-1115)

- (1) (a) Except as otherwise provided in this section, a motor assisted scooter is subject to the provisions under this chapter for a bicycle.
- (2) A person under 8 years may not operate a motor assisted scooter with the motor running on any public property, highway, path, or sidewalk.
- (3) A person may not operate a motor assisted scooter:
 - (a) In a public parking structure;
 - (b) On public property posted as an area prohibiting bicycles;
 - (c) While carrying more persons at one time than the number for which it is designed;
 - (d) That has been structurally or mechanically altered from the original manufacturer's design, except for an alteration by, or done at the request of, a person who rents the motor assisted scooter to lower the maximum speed for the motor assisted scooter; or
 - (e) At a speed of greater than 15 miles per hour or in violation of Subsection 41-6a-1115.1(3)

ELECTRIC PERSONAL ASSISTIVE MOBILITY DEVICE (41-6A-1116).

- Subject to provisions governing bicycles, mopeds and/or motor-driven cycles.
- Person under 15 may not operate using motor unless under “the direct supervision of the person’s parent or guardian”.

OFF HIGHWAY ELECTRIC VEHICLES (OHVS) (41-22-10, ET SEQ)

- Electric OHV Motorcycles (e.g., electric dirt bikes, Surrans, etc.) are considered off-highway vehicles.
- Electric OHV vehicles are only permitted where OHV vehicles are permitted. They generally may not be operated on any street or highway unless such street or highway is specifically designated as open to OHVs (41-22-10.3).
- All riders of electric OHV motorcycles under the age of 18 must wear a helmet (41-22-10.8).

NATIONAL PARK SERVICE

- Regulations at 36 CFR 4.30 govern use of bicycles on National Park Service lands. The Regulations allow park superintendents to restrict bicycle use when necessary.
- Considerations: “the park area’s natural, scenic and aesthetic values, safety considerations and management objectives”, whether use will “disturb wildlife or park resources”.

LOCAL REGULATION

- Utah Code 41-6a-1115.5 Electric assisted bicycles provides:
- *(3)(a) A local authority or state agency may adopt an ordinance or rule to regulate or restrict the use of an electric assisted bicycle, or a specific classification of an electric assisted bicycle, on a sidewalk, path, or trail within the jurisdiction of the local authority or state agency.*
- *(b) When enacting ordinances or making rules related to the use of a pathway or soft-surface trail, and during the planning or construction of a pathway or soft-surface trail, a local authority or state agency shall consider accommodations and increased trail access by a person with a motor disability.*

PARK CITY

(AMENDMENT 10-1-4.5 NON-MOTORIZED TRAIL USE)

- Permits e-bikes on all Multi-Use Pathways (paved pathways no less than 8' in width) but limited speed to 15 mph.
- Prohibiting e-bikes on Natural Surface Trails and sidewalks EXCEPT class 1 e-bikes operated by persons aged 65 or older.
- Permitting operation of power driven mobility device on any multi-use pathway, natural surface trail, or sidewalk.
- Paths, trails, and roads designated for specific purposes (such as an equestrian trail, bicycle path, or other use) may only be used for the designated purposes.

DISCUSSION

What is Midway City's desired use and/or preferred regulations for electric assisted vehicles on public property?

- a. Roads
- b. Soft surface/natural surface trails
- c. Multipurpose/paved trails
- d. Sidewalks
- e. Bike lanes
- f. Parks

DISCUSSION

- Speed Limits?
- Alterations/Derestriction Permissible?
- Exceptions?
- Helmet Requirements?
- Enforcement/Penalties?