



QUEEN CREEK POLICE DEPARTMENT



MICROMOBILITY & MOTOR VEHICLE DISCUSSION



Self-Propelled or powered devices

For purposes of this discussion, and future changes/additions to the Town Code, we will break down these devices into 4 primary categories:



Micromobility
Devices



Motorized wheelchairs
& personal mobility
scooters



Motorized
skateboards &
play vehicles



Motorcycles &
Motor Vehicles





What is Micromobility? Classification

The classification system consists of the micromobility vehicle type with descriptors of curb weight, vehicle width, top speed and power source.

Name	Code	Description
Curb weight		
Ultra lightweight	WT1	Curb weight \leq 50 lb (23 kg)
Lightweight	WT2	50 lb (23 kg) < curb weight \leq 100 lb (45 kg)
Midweight	WT3	100 lb (45 kg) < curb weight \leq 200 lb (91 kg)
Midweight Plus	WT4	200 lb (91 kg) < curb weight \leq 500 lb (227 kg)

Based on current State law and anticipated changes to the Town code, micromobility devices are defined as devices less than 75 pounds.

Vehicle width		
Standard-width	WD1	Vehicle width \leq 3 ft (0.9 m)
Wide	WD2	3 ft (0.9 m) < vehicle width \leq 4 ft (1.2 m)
Extra-Wide	WD3	4 ft (1.2 m) < vehicle width \leq 5 ft (1.5 m)

Based on anticipated changes to the Town code, micromobility devices are defined as devices with a "standard width" (<3ft).

Top speed		
Ultra low-speed	SP1	Top speed \leq 8 mph (13 km/h)
Low-speed	SP2	8 mph (13 km/h) < top speed \leq 20 mph (32 km/h)
Medium-speed	SP3	20 mph (32 km/h) < top speed \leq 30 mph (48 km/h)

Based on anticipated changes to the Town code, micromobility devices are defined as devices with a "top speed" of <20 mph.

Power source		
Electric	E	Powered by an electric motor
Combustion	C	Powered by an internal combustion engine

The Society of Automotive Engineers defines a

POWERED MICROMOBILITY VEHICLE

A wheeled vehicle that must:

- Be fully or partially powered
- Have a curb weight \leq 500 lb (227 kg)
- Have a top speed \leq 30 mph (48 km/h)

- Only includes vehicles that are primarily designed for human transport and to be used on paved roadways and paths
- Excludes solely human-powered vehicles



Micromobility Devices in QC

Powered Bicycle



Powered Standing Scooter



Powered Seated Scooter



Powered Self-Balancing Board



Powered Skates



Derivations of these devices are emerging constantly (these are just a few examples).



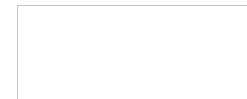
Motorized Skateboard & Play Vehicles



Motorized wheelchairs & personal mobility scooters



Motorcycles, Motor-Driven Cycles, Mopeds, & ATVs



Quadricycles, Golf Carts, & Neighborhood Electric Vehicles





State law clearly outlines that these devices are regulated as “motor vehicles.”

Generally, this means that a driver/operator is required to have the following when the vehicle is utilized on the public roadway:

- A driver’s license
- Registration
- Insurance

Other requirements, prohibitions, or applicable laws:

- A motorcycle endorsement is required for motorcycles and motor-driven cycles.
- Eye protection is required for any motor vehicle without a windshield/windscreen.
- Helmets are required for an operator or passenger of a motorcycle, all-terrain vehicle, or motor-driven cycle who is under eighteen years of age.
- All traffic laws must be obeyed.
- These vehicles may not be operated on any sidewalks except on a permanent or duly authorized temporary driveway.
- A motorcycle, all-terrain vehicle, and motor-driven cycle shall be equipped with a rearview mirror, seat, and footrests (& lights for nighttime operations).
- Operators are subject to DUI and reckless driving laws.

Removal and immobilization or impoundment



As stated in ARS 28-3511, peace officers are compelled by law to take certain actions if someone is found to be operating a motor vehicle under specific conditions. The law states:

“A peace officer shall cause the removal and either immobilization or impoundment of a vehicle if the peace officer determines that a person is driving the vehicle while any of the following applies...”

(Although there are a number of circumstances outlined in this section, we will highlight three specific conditions that have been prevalent in the Town over the past year - multiple complaints):

- The person has not ever been issued a valid driver’s license or permit by this state, and the person does not produce evidence of ever having a valid driver’s license or permit issued by another jurisdiction.
- A person is driving a vehicle in violation of section 28-693 (Reckless Driving), and the peace officer reasonably believes that allowing the person to continue driving the vehicle would expose other persons to the risk of serious bodily injury or death.
- A person is obstructing a highway or other public thoroughfare in violation of section 13-2906, and the peace officer reasonably believes that allowing the person to continue driving the vehicle would expose other persons to the risk of serious bodily injury or death.

Questions

