

## SUMMARY OF PROPOSED CHANGES to CHAPTER 29 (TRAFFIC)

(1) Administrative Review. Clarified and amended various sections of the Code to better align with current practices and RSMo. model ordinances. Removed or updated regulations (e.g. honking required when passing, cyclists use of right arm for turn signaling) where law was outdated or to address design conflicts. These revisions are “clean up” unrelated to PDD’s, Micro-mobility, or Neighborhood Vehicles.

(2) Added provisions for Personal Delivery Devices (PDD). The State added law in passing Senate Bill 176 for PDD’s effective 8/28/21. PDD’s are cannot be defined as a vehicle or motor vehicle. PDD’s are allowed on City streets and primarily operate on sidewalks, provided the PDD shall not unreasonably interfere with traffic. PDD’s have certain identification requirements, braking system, etc.; however, the City cannot regulate PDD design, manufacture and maintenance, nor the types of property transported. The City may regulate operation of a PDD to ensure the welfare and safety of its residents. *RSMo. 304.900*

- No person in or upon the vehicle (e.g. remotely navigated).
- No person transportation. Only product deliveries.
- No registration required. However, device and operator identification required on the device.
- Subject to all vehicular and pedestrian traffic laws.
- Allowed upon roadways with a speed limit of 35 mph or less.
- Intended for use on sidewalks without limits on location, but speeds may not exceed 10 mph.



*RSMo. PDD’s* - <https://www.revisor.mo.gov/main/OneSection.aspx?section=304.900&bid=49752&hl=>

(3) Added provisions for Micro-mobility Devices. Generally consistent with laws applicable to bicycles. In some instances, bicycle operation is impacted by the regulations for micro-mobility (e.g. limited to streets 35 mph or less, unless in a bike lane or paved shoulder or multi-lane corridor). Specific types of micro-mobility devices were defined, including Electric Bicycle, Electric Tricycle, and Scooter, as well as Micro-Mobility Device in general that has Electric Assist of similar design, operation and function. An Electric Bicycle may be defined as Class 1, Class 2, or Class 3, consistent with RSMo.

- No driver’s license required.
- No registration required.
- Subject to all vehicular and pedestrian traffic laws when operated on streets and sidewalks, respectively.
- Restricted to roadways with a speed limit of 35 mph or less (except a Class 3 E-Bicycle; 45 mph).
- Allowed on sidewalks and trails outside the Central Business District, unless otherwise posted/noticed. Except a Class 3 E-Bike (like a Motorized Bicycle or Motorized Scooter) is not allowed on Sidewalk or Trail.

Motorized Scooter was clarified in the Code in this amendment, being the same as Motorized Bicycle that is already within Code, in consideration of the introduced Scooter, which may or may not be Electric Assist. Electric Assist Scooter is not the same as Motorized Bicycle or Motorized Scooter.

Micro-Mobility:



E-Bicycle

E-Tricycle

E- Scooter

Electric Powered Assistive Mobility Device (Existing Code)

Motorized Cycles:



Motorized Scooter (New Term/Existing Code)



Motorized Bicycle (Existing Code)



Motorized Bicycle (Existing Code)

RSMo. Defined E-Bicycle Classes - <https://revisor.mo.gov/main/OneSection.aspx?section=300.010>

RSMo. E-Bicycles - <https://revisor.mo.gov/main/OneSection.aspx?section=307.194>

(4) Added provisions for Golf Carts and other Low Speed Vehicles, generally categorized as Neighborhood Vehicles. Neighborhood Vehicles are Vehicles, but not defined as Motor Vehicles. Definitions and laws referenced RSMo. 304.034, similar to Grain Valley Municipal Code (and others) that allow for Neighborhood Vehicle operations upon certain City streets.

- Driver's license required.
- Insurance required.
- No State registration required and no City registration required, but proof of ownership required.
- Subject to all vehicular traffic laws.
- Restricted to roadways with a speed limit of 30 mph or less.
- Not allowed on sidewalks or trails (unless specifically designed for Golf Carts; e.g. golf courses).



RSMo. Golf Cart - <https://revisor.mo.gov/main/OneSection.aspx?section=304.034>

RSMo. Low Speed Vehicle - <https://revisor.mo.gov/main/OneSection.aspx?section=304.029>

Neighborhood Vehicle Reference (Grain Valley) - <https://ecode360.com/28681133>

**TABLE OF CHAPTER 29 TRANSPORTATION MODES**

Mode	Class	Type	Purpose	License Required Or Age Limited (Street Operation)	Allowed Street Operation	Allowed Sidewalk/Path Operation	Gasoline Powered Limit (CC)	Electric Powered Limit (Watts)	Min. Top Speed (MPH)	Max. Top Speed (MPH)
Vehicle	Motor Vehicle (MO Registered)	Motor Vehicle 	Transport	DL	YES	NO	-	-	-	-
		Truck***** 	Shipping	CDL	YES	NO	-	-	-	-
		Emergency Vehicle 	Safety	DL	YES	NO	-	-	-	-
		Bus 	Transit	CDL	YES	NO	-	-	-	-
		School Bus 	Transit	CDL	YES	NO	-	-	-	-
		Taxicab 	Transit	CL	YES	NO	-	-	-	-
		Motorcycle 	Transport	ML	YES	NO	-	-	-	-
		Motorized Bicycle <sup>#</sup> or Motorized Scooter <sup>#</sup> 	Transport	ML	≤45 MPH	NO	50	2237	-	30
	All-Terrain Vehicle 	Recreation	-	NO	NO	-	-	-	-	
	Neighborhood Vehicle	Low Speed Vehicle 	Transport/Mobility	DL	≤30 MPH	NO	-	-	20	25
		Golf Cart 	Recreation/Mobility	DL	≤30 MPH	NO	-	-	-	20
	Micro-Mobility Device	E-Bicycle <sup>B</sup> 	Mobility	-	≤35 MPH <sup>A</sup>	YES*	NA	750	-	20
		E-Tricycle 	Mobility	-	≤35 MPH <sup>A</sup>	YES*	NA	750	-	20
		E-Scooter 	Mobility	-	≤35 MPH <sup>A</sup>	YES*	NA	-	-	20
		Bicycle 	Recreation/Mobility	-	≤35 MPH <sup>A</sup>	YES*	NA	NA	-	-
		Tricycle 	Recreation/Mobility	-	≤35 MPH <sup>A</sup>	YES*	NA	NA	-	-
		Scooter 	Recreation/Mobility	-	≤35 MPH <sup>A</sup>	YES*	NA	NA	-	-
	Agricultural	Tractor 	Mobility	-	≤35 MPH <sup>A</sup>	YES*	NA	NA	-	20
Micro-Mobility (Other)		Mobility	-	≤35 MPH <sup>A</sup>	YES*	NA	NA	-	20	
Other Motorized Devices	Undefined	Undefined	Undefined	-	NO	NO	-	-	-	
	Undefined	Undefined	Undefined	-	NO	NO	-	-	-	
Person	Pedestrian	Afoot	Mobility	-	NO**	YES	NA	NA	-	-
		Skates, Skateboard, Coaster, Toy Vehicle	Recreation/Mobility	-	NO**	YES*	NA	NA	-	-
		Motorized Wheelchair or Power Scooter 	Assistive	-	NO**	YES	NA	-	-	12
		Electric Powered Assistive Mobility Device 	Mobility/Assistive	-	NO <sup>E</sup>	YES	NA	750	-	20
Undefined	*****	Personal Delivery Device	Shipping	-	≤35 MPH	≤10 MPH	NA	-	-	

The above table of transportation modes excludes Aircraft, Vessels, and Railroad Trains; which are also in Chapter 29 of the Code.

**BOLD – New Vehicle or Device or Regulation**

NA – Not Applicable

DL – Driver’s License, CDL – Commercial Driver’s License, ML – Motor Cycle Endorsed Driver’s License, CL – Chauffer’s License

PDD shall not be a vehicle. PDD subject to all traffic laws applicable to motor vehicles upon streets or pedestrians upon sidewalks.

Truck is also defined as a Commercial Vehicle

Micro-Mobility Devices allowed upon Trails unless otherwise posted or prohibited by Ordinance (e.g. Class 3 E-Bicycle, Motorized Bicycle).

Micro-Mobility Devices prohibited upon Courts, Park Areas, Park Facilities (e.g. Skate Park), and Parking Structures where posted.

# Not always a registered motor vehicle; but requires insurance and regulated like a motorcycle. (Commonly referred to as a MoPed)

<sup>A</sup> Except allowed on roadways >35 mph within a bike lane or paved shoulder, or where the roadway has four or more lanes of travel.

\* Excluding sidewalks within the Central Business District (CBD).

\*\* Unless there is an absence of available sidewalks to comply with ADA accessibility requirements.

<sup>E</sup> Except allowed where there is an absence of available sidewalk and in such case the roadway use is limited to streets of 35 MPH (or less).

<sup>B</sup> Class 3 E-Bicycle has a Max. Top Speed of 28 MPH, but Electric Assist shall only be provided while pedaling. Allowed upon streets of 45 MPH.

<sup>B</sup> Prohibited from all sidewalks and trails.

## **SUMMARY OF PROPOSED CHANGES to CHAPTER 26 (ROW)**

(1) Revisions that allow for Shared Mobility Operations (e.g. BIRD, LIME, Lyft) and associated licensing agreements for Company use of the City's right-of-way. Licensing agreement referenced.

- Specific Terms and Conditions of Shared Mobility Operations described in License Agreement
- Requirements, general and for license agreement, included in Chapter 26 amendments.
- Basic device and User requirements reference Chapter 29 (Traffic).
- Shared Mobility Device has additional requirements as listed in Chapter 26 amendments and agreement.
- Associated Schedule of Fees amendment needed for Shared Mobility Operations
  - Initial application fee per Vendor
  - Renewal application fee
  - Modified or Change application fee
  - Per deployed device annual fee; Dockless and Lock-to separate fee structure