



**AGENDA  
CITY OF HARRISONVILLE  
BOARD OF ALDERMEN  
WORK SESSION  
CITY HALL  
JUNE 15, 2026  
6:00 PM**

**The start time may vary, immediately following Regular Session.**

- 1. Call to Order**
- 2. Present**
  - A. Roll Call**
- 3. Discussion Items**
  - A. Various Electric Powered Vehicles Discussion**

**Posted on City Hall Bulletin Board this 11th day of June, 2026.**

---

**Daniel Barnett, City Clerk**

**The Board of Aldermen Work Session is open to the public but is not a meeting of the public.**



# Electric Vehicles

---

# This is not just a Harrisonville problem!

**Lee's Summit Missouri Police Department**  
May 22 at 12:30 PM · 🌐

⚠️ We've received a large number of questions, emails, and calls for service lately regarding the legality of e-bikes, minibikes, electric dirt bikes, scooters, and just about every other "two-wheeled thing with a motor" showing up on our roadways. We are also receiving daily reports of young riders operating these e-motos in heavy traffic and near intersections, creating dangerous situations and close calls with vehicles. The attached images are examples of incidents regarding these e-motos.

■ As technology evolves, the laws don't always keep pace, so we want to help clear up some confusion — especially regarding electric motorcycles / e-motos, which are becoming a major safety concern in our community.

🔥 E-Bikes  
E-bikes are bicycles equipped with pedals and an electric pedal-assist motor. The rider still pedals the bike while receiving assistance from the motor. These can reach speeds up to and beyond 28mph.

➔ Electric Motorcycles / Dirt Bikes (E-Motos)  
These do NOT have pedals (some exceptions). They use foot pegs like a traditional motorcycle and are powered solely by an electric motor.

❌ This type of electric motorcycle or dirt bike is NOT legal to operate on city streets in the City of Lee's Summit, unless it is properly licensed and registered like any other motorcycle. They are also not allowed to be in Lee's Summit Parks or on sidewalks.

To legally operate one on public roadways, the rider must:

- ✔ Be at least 16 years old
- ✔ Have a valid driver's license with motorcycle endorsement
- ✔ Carry liability insurance
- ✔ Display valid license plates
- ✔ Pass Missouri motorcycle inspection requirements

\*\*Without formal motorcycle training, young riders are at high risk of collisions with cars or pedestrians.\*\*

**NEWS**

## Safety concerns arise after child on electric scooter hit by car in Leawood

by: [Lexy French](#)  
Posted: Oct 14, 2025 / 06:21 PM CDT  
Updated: Oct 16, 2025 / 03:27 PM CDT



SHARE    

LEAWOOD, Kan. — Electric Scooter sales are on the rise, but medical professionals want parents to be informed about safety guidelines.

According to the American Academy of Pediatrics, children under 16 who are too young for a driver's license should not ride or drive e-scooters.

[| Juvenile on electric scooter seriously injured after being struck by car |](#)

"These devices can be used very safely in the appropriate hands and in somebody over 16, who has a mature skeleton, who has a mature frontal lobe, who can make those split-second decisions when you're going 15, 20 miles per hour or faster," said Dr. Amelia Bray-Aschenbrenner, a physician in the Emergency Department at Children's Mercy.

A helmet is necessary anytime you are operating an e-scooter.

**Raymore Police Department**  
May 14 at 9:51 AM · 🌐

It's warming up and we're getting more reports of safety issues with e-scooters and golf carts. The rise in popularity of e-bikes and scooters has led to nationwide discussions about safety and stricter regulations due to a rise in severe accidents, injuries and deaths.

Here's what you need to know about operating one of these motorized vehicles in Raymore:

- In Missouri, e-bikes, scooters and golf carts are illegal to operate on public streets unless the driver holds a valid driver's license.
- Motorized vehicles are never allowed on Raymore park trails or in Raymore parks. This ordinance excludes motorized vehicles designed for and used solely by a mobility impaired person.

Golf carts and UTVs qualify as neighborhood vehicles under Raymore City Code. They do require registration with the City (through the City Clerk's office) and may not be driven on streets with speed limits over 35 miles per hour.

Raymore Police will be enforcing speed limits, registration requirements and age restrictions for these vehicles.

The majority of serious e-bike and scooter injuries across the country in recent years have been among children.

Chief Jim Wilson encourages parents to supervise their children when on motorized scooters or e-bikes and set some ground rules, such as requiring children to wear helmets and protective gear, avoiding high traffic areas and ensuring they are always aware of their surroundings when riding.

**NEWS**

## Overland Park City Council votes for stricter e-bike, scooter regulations

by: [Kathy Quinn](#), [Alyssa Mueller](#), [Regan Porter](#)  
Posted: May 20, 2026 / 08:11 AM CDT  
Updated: May 20, 2026 / 06:36 PM CDT

**Belton Missouri Police Department**  
May 20 at 2:00 PM · 🌐

The Belton Police Department has recently seen an increase in juveniles operating minibikes, dirt bikes, 4-wheelers, and e-scooters on public roadways throughout the city.

Residents have reported riders operating without lights or helmets, and without regard for traffic laws, often during evening hours and in residential neighborhoods.

We want to remind the community that many of these vehicles are not legal for operation on public streets, state highways, interstate highways, or sidewalks under Belton City Ordinances unless properly licensed and permitted. Operators on public roadways, state highways, and interstate highways must also possess a valid driver's license.

Operators of bicycles, e-bikes, and scooters are required to obey all traffic laws, including:

- Obeying traffic signals and signs
- Riding single file
- Using proper lighting at night
- Yielding to pedestrians
- Operating safely and responsibly

Parents and guardians are encouraged to discuss these laws and safety expectations with their children. Unsafe operation places riders, motorists, and pedestrians at risk of serious injury. The Belton Police Department will continue increasing enforcement efforts in areas where complaints have been received. Violations may result in citations, fines, and/or vehicle impoundment.

We appreciate the community's assistance in helping keep Belton streets safe for everyone. For more information regarding Belton City Ordinances: [https://library.municode.com/.../codes/code\\_of\\_ordinances...](https://library.municode.com/.../codes/code_of_ordinances...)



# Electric Bicycles

- Missouri Law Definitions

- "Electric bicycle", a bicycle equipped with **fully operable pedals**, a saddle or seat for the rider, and an electric motor of **less than 750 watts** that meets the requirements of one of the following three classes:
  - "Class 1 electric bicycle", an electric bicycle equipped with a motor that provides **assistance only when the rider is pedaling and that ceases to provide assistance when the bicycle reaches the speed of twenty miles per hour**
  - "Class 2 electric bicycle", an electric bicycle equipped with a **motor that may be used exclusively to propel the bicycle and that is not capable of providing assistance when the bicycle reaches the speed of twenty miles per hour**
  - "Class 3 electric bicycle", an electric bicycle equipped with a **motor that provides assistance only when the rider is pedaling and that ceases to provide assistance when the bicycle reaches the speed of twenty-eight miles per hour**



# Electric Bicycles

---

- **Missouri Law 307.194**

- 1. Except as otherwise provided in this section, every person riding an electric bicycle shall be granted all of the rights and shall be subject to all of the duties applicable to the operator of a bicycle. **An electric bicycle shall be considered a vehicle to the same extent as a bicycle.**
- 2. An electric bicycle or a person operating an electric bicycle is **not subject** to provisions of law that are applicable to motor vehicles, all-terrain vehicles, off-road vehicles, off-highway vehicles, motor vehicle rentals, motor vehicle dealers or franchises, or motorcycle dealers or franchises, including vehicle registration, certificates of title, drivers' licenses, and financial responsibility.
- 8. The use of class 3 electric bicycles shall be subject to the following provisions:
  - **No person under sixteen years of age shall operate a class 3 electric bicycle.** A person under sixteen years of age may ride as a passenger on a class 3 electric bicycle that is designed to accommodate passengers; and
  - All class 3 electric bicycles shall be equipped with a speedometer that is capable of displaying the speed an electric bicycle is traveling in miles per hour.

# Electric Scooters / Mopeds

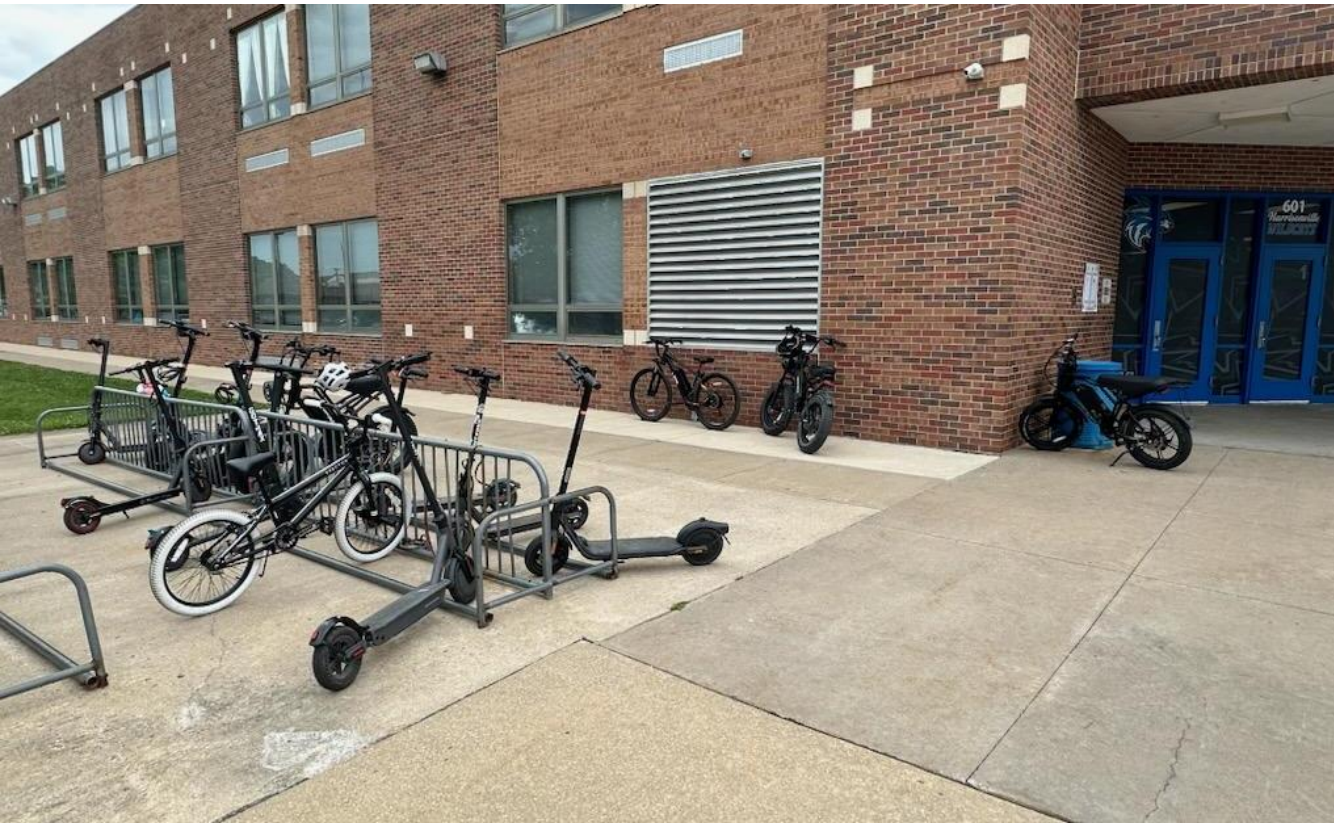
---

- These fall under Motorized Bicycle rules within the code.
- You **MUST have a driver's license**. If it goes over 30 MPH, or is greater than 2,237.1 watts, you must have a motorcycle endorsement on your DL. (This is a state law)
- All normal traffic laws apply.
- Ordinance 385.030 describes the equipment they must have (front light, rear light or reflector, side reflectors, etc.). 340.100 already makes them illegal on sidewalks.
- We can create helmet laws.
- We can require liability insurance.



# HMS Last Day of School 05-15-2026

- 10 illegal scooters
- 4 e-bikes (illegal if they go 20 MPH+)



# Crash in Harrisonville on 05-30-2026

---

- At approximately 5:30 pm, police and EMS were dispatched to Ridgewood road in reference to a juvenile injured in the roadway.
- 12 year old boy had driven his scooter or e-bike at top speed and accidentally crashed into the back of a work truck and struck the corner of the metal box.
- Sustained a head wound and injury to his knee. Head wound was bleeding excessively.
- Boy stated to EMS, "I wish I would've been wearing my helmet."



# Electric Scooter / Mopeds Recommendations

---

- Our hands are tied on the driver's license. That is a state law.
- Require liability insurance. Make operators/owners have insurance as required by Ordinance 390.140.
- Require all riders under the age of 26 to wear a DOT helmet.
- Amend the definition of a Motorized Bicycle in Chapters 300 and 385 to include electric vehicles.
  - Motorized bicycle shall mean any two-wheeled or three-wheeled device having an automatic transmission, only capable of achieving a maximum speed of thirty (30) miles per hour on level ground.
    - If equipped with a gasoline motor, the motor cylinder capacity shall not be more than fifty (50) cubic centimeters, which produces less than three (3) gross brake horsepower; or
    - If equipped with an electric motor, the motor shall produce less than two thousand two hundred thirty-seven and one-tenth (2,237.1) watts of power
    - The device shall be considered a motor vehicle for purposes of any homeowner's or renter's insurance policy as well as the financial responsibility required under Ord. 390.140.

# Golf Carts

---

- Currently cannot be driven in Harrisonville in most cases.
- If it is more than 50" wide, it is considered a Utility Vehicle and cannot be driven per 340.110.B.5.d because they cannot travel 45 MPH.
- It is more vague if they are less than 50" wide.
- RSMO 304.034 states municipalities can regulate golf cart usage on streets and highways.
- We can decide the rules, equipment, insurance, etc.
- We need to clearly define what a golf cart is and what the rules are in our ordinances.



# Golf Cart Recommendations

- Add a definition that includes golf carts into the Chapter 300 Definitions
  - Low Speed Vehicle – A four-wheeled vehicle that is capable of exceeding five (5) miles per hour but not capable of exceeding speeds greater than twenty-five (25) miles per hour and is not otherwise defined elsewhere in this chapter. This includes, but it not limited to: All Golf Carts and Go Karts.
- Create an Ordinance making all low speed vehicles illegal to operate on city streets.
- Why do we recommend them being illegal? Golf Carts vary so much in design and safety features that allowing them presents unnecessary dangers to occupants. They are not designed to have impact with vehicles at all. Very few have seat belts and the exterior offers little protection against an actual vehicle.

# Other Electric Vehicles

- Enclosed Mobility Scooters
  - RsMO 304.034 also applies to these as far as riding on streets. (We can restrict it wherever there are sidewalks)
  - ADA says they are allowed access to public pedestrian spaces (stores, public buildings, sidewalks, etc.)
  - A Harrisonville resident currently drives one
  
- Electric Motorcycles
  - Should be registered as a motorcycle
  - All motorcycles laws apply (endorsement, insurance, etc.)
  - A different Harrisonville resident currently drives one of these



# Holding Parents Accountable



RSMO 302.250 - No person shall cause or knowingly permit his child or ward under the age of sixteen years to drive a motor vehicle upon any highway when such minor is not authorized hereunder or in violation of any of the provisions of sections 302.010 to 302.260. (State law since 1939)



We do not have ordinances for this state law. We can make the motor vehicle part more strict (motorized bike) and change the ending of each to say Chapter 300 of the Harrisonville Ordinances.

# DEFINITION (NEW)

- **Electric Bicycle**

- A bicycle equipped with fully operable pedals, a saddle or seat for the rider, and an electric motor of less than 750 watts that meets the requirements of one of the following three classes:
  - "Class 1 electric bicycle", an electric bicycle equipped with a motor that provides assistance only when the rider is pedaling and that ceases to provide assistance when the bicycle reaches the speed of twenty miles per hour
  - "Class 2 electric bicycle", an electric bicycle equipped with a motor that may be used exclusively to propel the bicycle and that is not capable of providing assistance when the bicycle reaches the speed of twenty miles per hour
  - "Class 3 electric bicycle", an electric bicycle equipped with a motor that provides assistance only when the rider is pedaling and that ceases to provide assistance when the bicycle reaches the speed of twenty-eight miles per hour

# ORDINANCE (NEW)

- **Electric bicycles — rights and privileges — label, requirements — modifications require new label — product safety standards — authorized to ride, where, exceptions — class 3 electric bicycles, special provisions.**
  - 1. Except as otherwise provided in this section, every person riding an electric bicycle shall be granted all of the rights and shall be subject to all of the duties applicable to the operator of a bicycle. An electric bicycle shall be considered a vehicle to the same extent as a bicycle.
  - 2. An electric bicycle or a person operating an electric bicycle is not subject to provisions of law that are applicable to motor vehicles, all-terrain vehicles, off-road vehicles, off-highway vehicles, motor vehicle rentals, motor vehicle dealers or franchises, or motorcycle dealers or franchises, including vehicle registration, certificates of title, drivers' licenses, and financial responsibility.
  - 3. No person shall tamper with or modify an electric bicycle so as to change the motor-powered speed capability or engagement of an electric bicycle unless he or she replaces the label required under subsection 3 of this section with a new label indicating the new classification.
  - 4. An electric bicycle may be ridden where bicycles are permitted to travel, subject to the following provisions:
    - (1) A Class 1 or a Class 2 electric bicycle may be ridden on bicycle or multi-use paths where bicycles are permitted;
    - (2) A person operating a Class 1 electric bicycle or a Class 2 electric bicycle upon a sidewalk, or across a roadway upon a crosswalk, shall yield the right-of-way to any pedestrians and shall give audible signal before overtaking and passing such pedestrian.
    - (3) No person shall operate a Class 3 electric bicycle on sidewalks or crosswalks.
  - 5. The use of class 3 electric bicycles shall be subject to the following provisions:
    - (1) No person under sixteen years of age shall operate a Class 3 electric bicycle. A person under sixteen years of age may ride as a passenger on a Class 3 electric bicycle that is designed to accommodate passengers; and
    - (2) All Class 3 electric bicycles shall be equipped with a speedometer that is capable of displaying the speed an electric bicycle is traveling in miles per hour.

# DEFINITION (CHANGED)

- **Motorized Bicycle**

- OLD: Any two- or three-wheeled device having an automatic transmission and a motor with a cylinder capacity of not more than fifty (50) cubic centimeters, which produces less than three (3) gross brake horsepower, and is capable of propelling the device at a maximum speed of not more than thirty (30) miles per hour on level ground. A motorized bicycle shall be considered a motor vehicle for purposes of any homeowners' or renters' insurance policy.
- NEW: Any two-wheeled or three-wheeled device having an automatic transmission, only capable of achieving a maximum speed of thirty (30) miles per hour on level ground. This includes, but is not limited to: electric scooters, mopeds, and electric dirt bikes.
  - If equipped with a gasoline motor, the motor cylinder capacity shall not be more than fifty (50) cubic centimeters, which produces less than three (3) gross brake horsepower; or
  - If equipped with an electric motor, the motor shall produce less than two thousand two hundred thirty-seven and one-tenth (2,237.1) watts of power
  - The device shall be considered a motor vehicle for purposes of any homeowner's or renter's insurance policy as well as the financial responsibility required under Ord. 390.140.

# ORDINANCE (NEW)

- **Safety helmets required.**
  - Every person under 26 years of age who is operating or riding as a passenger on any motorized bicycles while on public roads, streets, highways, alleys, or surfaces open to public use shall be required to wear on their head firmly affixed helmets that meet the requirements of the National Safety Council, the state and the city.

# DEFINITION (NEW)

- **Low Speed Vehicle**

- A four-wheeled vehicle that is capable of exceeding five (5) miles per hour but not capable of exceeding speeds greater than twenty-five (25) miles per hour and is not otherwise defined elsewhere in this chapter. This includes, but it not limited to: All Golf Carts and Go Karts.

# ORDINANCE (NEW)

- **Low Speed Vehicles – Prohibited**

- No person shall operate a low speed vehicle, as defined in this Section, upon the streets and highways of this City except as follows:
  - Pursuant to Ordinance 225.275

# ORDINANCE (NEW)

- **Children forbidden to operate**

- No person shall cause or knowingly permit his child or ward under the age of sixteen years to drive a motor vehicle, vehicle, motorized bicycle, utility vehicle, or low speed vehicle upon any highway when such minor is not authorized hereunder or in violation of any of the provisions of sections 302.010 to 302.260, RSMO.
- Violation Penalty. Any person who violates the terms of this Section shall be deemed guilty of a misdemeanor. Upon a plea of guilty or a finding of guilt, be fined not less than two hundred fifty dollars (\$250.00). Any person who violates the terms of this Section for a second time shall, upon a plea of guilty or a finding of guilt, be fined not less than three hundred dollars (\$300.00). Any person who violates the terms of this Section for a third time shall, upon a plea of guilty or a finding of guilt, be fined not less than three hundred fifty dollars (\$350.00). Any subsequent violation under this Section shall, upon a plea of guilty or a finding of guilt, be fined not less than five hundred dollars (\$500.00).

# ORDINANCE (NEW)

- **Electric Personal Assistive Mobility Device — defined — requirements for operation. —**

- 1. For the purposes of this section, "**electric personal assistive mobility device**" (EPAMD) shall mean a self-balancing, two nontandem wheeled device, designed to transport only one person, with an electric propulsion system with an average power of seven hundred fifty watts (one horsepower), whose maximum speed on a paved level surface, when powered solely by such a propulsion system while ridden by an operator who weighs one hundred seventy pounds, is less than twenty miles per hour.
- 2. An electric personal assistive mobility device may be operated upon a sidewalk and bicycle path. Every person operating such a device shall be granted all of the rights and be subject to all of the duties applicable to a pedestrian pursuant to Chapter 304, RSMO.
- 3. An electric personal assistive mobility device may be operated upon a street or highway only where there is no sidewalk.
- 4. Persons under sixteen years of age shall not operate an electric personal assistive mobility device, except for an operator with a mobility-related disability.
- 4. An electric personal assistive mobility device shall be operated only on roadways with a speed limit of forty-five miles per hour or less. This shall not prohibit the use of such device when crossing roadways with speed limits in excess of forty-five miles per hour.
- 5. Equipment required. — Every electric personal assistive mobility device (EPAMD) when in use on a roadway during the period from one-half hour after sunset to one-half hour before sunrise shall be equipped with the following:
  - (1) A front-facing lamp on the front or carried by the rider which shall emit a white light visible at night under normal atmospheric conditions on a straight, level, unlighted roadway at five hundred feet;
  - (2) A rear-facing red reflector, at least two square inches in reflective surface area, or a rear-facing red lamp, on the rear which shall be visible at night under normal atmospheric conditions on a straight, level, unlighted roadway when viewed by a vehicle driver under the lower beams of vehicle headlights at six hundred feet.
- 6. Roadway operation, requirements. — Every person operating an electric personal assistive mobility device (EPAMD) at less than the posted speed or slower than the flow of traffic upon a street or highway shall ride as near to the right side of the roadway as safe, exercising due care when passing a standing vehicle or one proceeding in the same direction, except when making a left turn, when avoiding hazardous conditions, when the lane is too narrow to share with another vehicle, or when on a one-way street.
- 7. Violations, penalties. — Any person seventeen years of age or older who violates any provision of this section is guilty of an infraction and, upon conviction thereof, shall be punished by a fine of not less than five dollars nor more than twenty-five dollars. Such an infraction does not constitute a crime and conviction shall not give rise to any disability or legal disadvantage based on conviction of a criminal offense. If any person under seventeen years of age violates any provision of this section in the presence of a peace officer possessing the duty and power of arrest for violation of the general criminal laws of the state or for violation of ordinances of counties or municipalities of the state, said officer may impound the electric personal assistive mobility device (EPAMD) involved for a period not to exceed five days upon issuance of a receipt to the child riding it or to its owner.