



Electric Bicycle Rules

and similar regulations

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Recent Law Training to Officers

- ▶ skateboards;
- ▶ rollerblades;
- ▶ bicycles;
- ▶ low-speed electric bicycles;
- ▶ low-speed gas bicycles;
- ▶ mopeds;
- ▶ low-speed electric scooters;
- ▶ mobility devices;
- ▶ electric personal assistive mobility devices (EPAMDs); and
- ▶ motorcycles.
- ▶ off-highway motorcycles;
- ▶ all-terrain vehicles (ATVs);
- ▶ recreational off-highway vehicles (ROHVs);
- ▶ golf carts;
- ▶ low speed vehicles (LSVs);
- ▶ autocycles; and
- ▶ mobile carrying devices (MCDs).

One of these is Regulated by IL Law



Can you guess which one?

EPAMD



625 ILCS 5/1-117.7 Electric personal assistive mobility device.

A self-balancing 2 non-tandem wheeled device designed to transport only one person with an electric propulsion system that limits the maximum speed of the device to 15 miles per hour or less

625 ILCS 5/11-1412.2 Can be ridden on sidewalks up to 8mph

625 ILCS 5/11-1005.1 Can be ridden on roadways wherever pedestrians can walk

E-Bike Classifications

CLASS 1	CLASS 2	CLASS 3
		
Pedal Assist Motor only provides assistance when pedaling	Throttle Assist Motor can be used to propel bike without using pedals	Pedal Assist Motor only provides assistance when pedaling
Motor assistance stops when speed reaches 20 mph	Motor assistance stops when speed reaches 20 mph	Motor assistance stops when speed reaches 28 mph
No age requirement	No age requirement	Age requirement: 16+

The power assist cuts off at the above speeds. Pedaling may exceed these speeds.

Rules for E-Bikes

E-Bikes follow the same Rules of the Road as Bicycles

- Are allowed on the road, obeying all traffic laws
- Are allowed on Bike Paths
- Must have proper lighting at night

The one difference from bicycles under State Law:

- E-Bikes are **NOT ALLOWED** on sidewalks

Electric Bike or Off-Road Cycle?

In Illinois, What is this?



Pegs or pedals

Gas or Electric?

If Electric, 750W
More or Less?

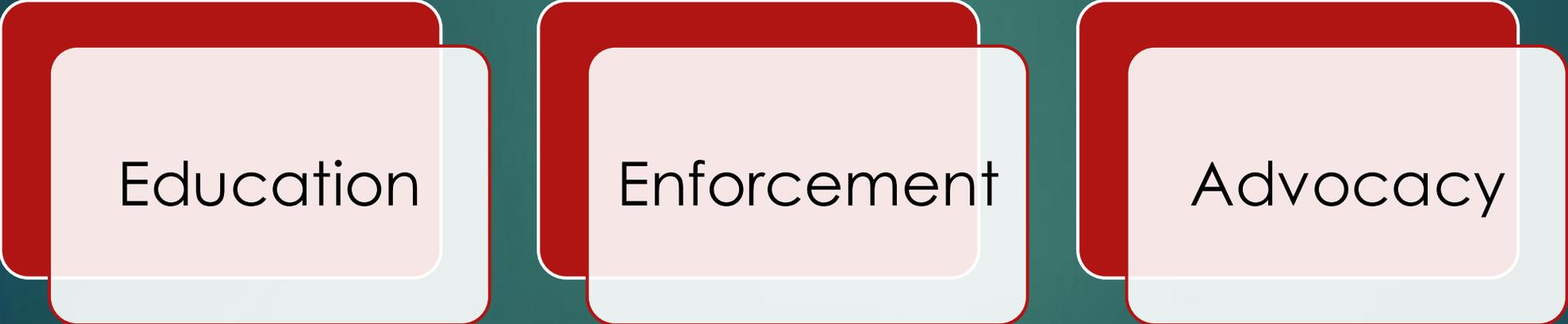
Max Assisted speed?



Off-Highway Motorcycle

Low Speed Electric Bike

Three-Pronged Campaign



Education

Enforcement

Advocacy

Educate



Low Speed Electric Bicycles belong on the street

Cannot be ridden on the sidewalk

If parents are not comfortable with their child riding on the roadway, keep them on a bike

State Law – Since 2018



E-Bikes outside of Classification and other powered cycles, are prohibited from riding on streets, sidewalks, paths and public areas

Must be 16 Years old to ride anything other than Class 1 & 2 E-Bike (limited to 20mph)

Educate

The Vernon Hills Police Department will take an active role in educating the public

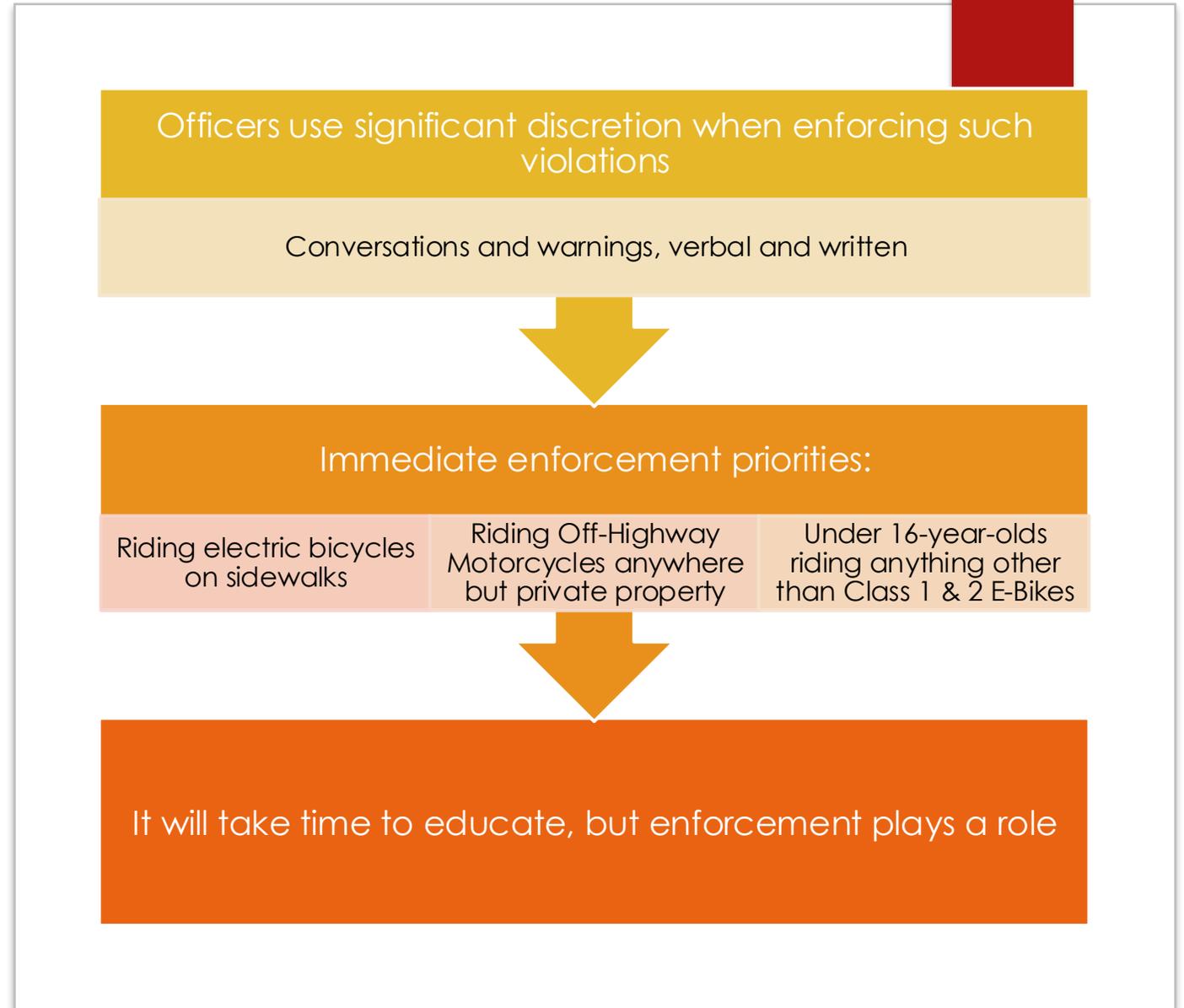
Direct conversations with riders themselves

Discussions with parents of children riding these devices

Joint informational efforts with Schools & Park District

Social Media initiatives

Enforcement



Advocate

We should advocate our legislators in Springfield to review current statutes involving these devices

Particularly true for Electric Scooters

Electric Scooters (PA 103-0899) did not help misuse

Some other statutes are confusing, conflicting, or non-existent for some devices

At this point local ordinance changes are not recommended for Vernon Hills

Questions?

Local Ordinances

- ▶ Some of these ordinances restrict the use of these devices on sidewalks entirely, or specific areas within the village.
- ▶ **Lake Forest** restricts their use on sidewalks and requires operators be 18 years of age on the roadway within their “Central Business District.”
- ▶ **Hinsdale** reinforced E-Bikes cannot be ridden on the sidewalk, however permits “Personal Mobility Devices” to operate on sidewalks
- ▶ **Deerfield** restricts the use of “Motor-Driven Vehicles” on Village roadways to those 16 year and older

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- ▶ Ordinances cannot be more lenient than State Law
 - ▶ State law prohibits E-Bikes from sidewalks, ordinances cannot allow
 - ▶ Local Ordinances can be more stringent than State Law
 - ▶ State allows Electric scooters on sidewalks, ordinances can restrict
 - ▶ Our neighboring communities do not have Local Ordinances covering this area
 - ▶ Mundelein, Libertyville or Lincolnshire