



# H.B 381: E-Mobility Amendments

## ADDRESSES HIGHWAY USE ONLY



### Goal: More kids riding independently and safely

- Simplifies Regulations—easier for parents & riders to understand
- Promotes Youth Independence: parental supervision no longer required after safety training (*Safety Training available online, local law enforcement, non-profits*)
- Local Control: locals set rules for sidewalks, trails, paths, parks, etc
- Clarifies the definition of an e-motorcycle vs e-bike or e-scooter:

"Electric motorcycle" means a motorcycle:  
 (a) powered by an electric motor of more than 750 watts; or  
 (b) capable of exceeding a speed of 20 miles per hour using the power of the electric motor alone.

- Creates “High Power Electric Device” category to handle devices that are capable of **20+ MPH via throttle only** and fall outside the definition of class 1,2,3 e-bikes, motor assisted scooter, and e-motorcycle
- Technical clean-up requested by the Dept. of Outdoor Rec



## Mobility Devices On a Highway

Device	Capable Max Speed	Supervised Use (Parent or Responsible Adult)	Independent Use With Safety Certificate	Independent Use	Helmet Use
Pedal Assist Bikes: Class 1 Class 3	20 mph 28 mph	8-15 years	8-15 years	16 & Up	Under 21+
Throttle Devices: Class 2 e-bikes Most e-scooters micro-mobility devices	20 MPH	8-15 years	8-15 years	16 & Up	Under 21+
Electric Motorcycle	More than 20 MPH	N/A	N/A	16 & Up Driver License + Motorcycle Endorsement	Under 21#
High-Powered Electric Device  High power e-scooter Modified e-bike Other high powered micro-mobility devices	More than 20 MPH	N/A	N/A	16 & Up: Driver License*	Under 21#

No policy changes to current insurance law or to off-highway use

\*Thurston Amendment

+ \$25 max fine  
#Infraction (\$110+)

## Current State Regulations (Before HB381)

### Class 1 E-Bike

- Pedal assist only
- No more than 20 MPH
- No throttle
- Restricted under 8y



### Class 2 E-Bike

- Throttle assisted
- No need to pedal
- No more than 20 MPH
- Restricted under 8y



### Class 3 E-Bike

- Pedal assist only
- No more than 28 MPH
- 16+ to operate today



### Motor Assisted Scooter

- self-propelled device
- at least two wheels + brakes
- (A) handlebars and a deck, or
- (B) handlebars and a seat
- No more than 20 MPH



### E-Motorcycle

- Not an e-bike
- Power 750W+
- Often Not street legal
- Sur-Ron most common



### • **Current Confusion**

- High-powered electric motorcycles are being marketed as "e-bikes" to bypass registration

### • **Safety Concern**

- These vehicles often exceed 30-40 mph and are being used on roads

### • **Consumer Fraud**

- Parents may purchase these for thinking they are legal bicycles

### **Law Enforcement Challenges**

- Riders and parents unaware of the different classifications
- Distinguishing the difference between classifications
- Numerous occurrences of evading
- Damage to trails and parks
- Modifications to e-bikes and e-motorcycles
- Ability to disable the "Pedal Assist System"
- Serious accidents and fatalities

## Currently Undefined / Unclear

