



THE SAN DIEGO COUNTY BICYCLE COALITION PRESENTS

All About E-Bikes

In Partnership with:

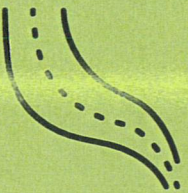
SANDAG



Commute

GObyBIKE





OVERVIEW OF KEY IDEAS



- Classes & Differences
- Power & Throttle
- Register & Lock
- Where to Ride
- Signal / Sign
- Passengers
- Visibility
- Helmets

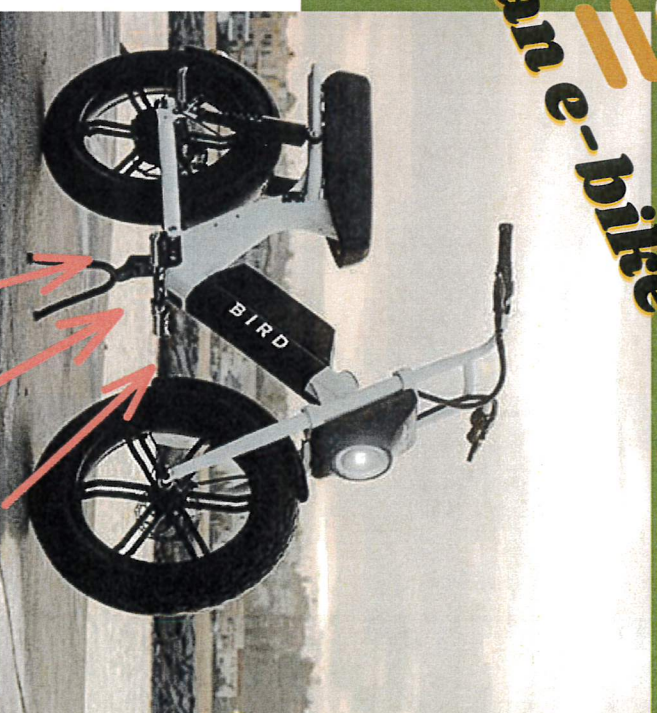


Classes & Differences

no pedals
not an e-bike


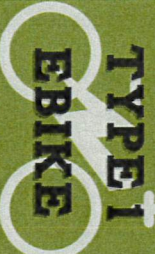
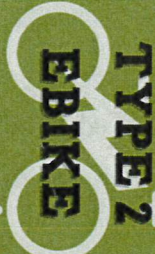
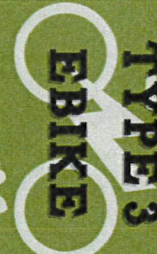
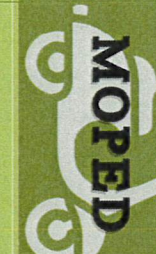
THREE MAJOR CLASSES:

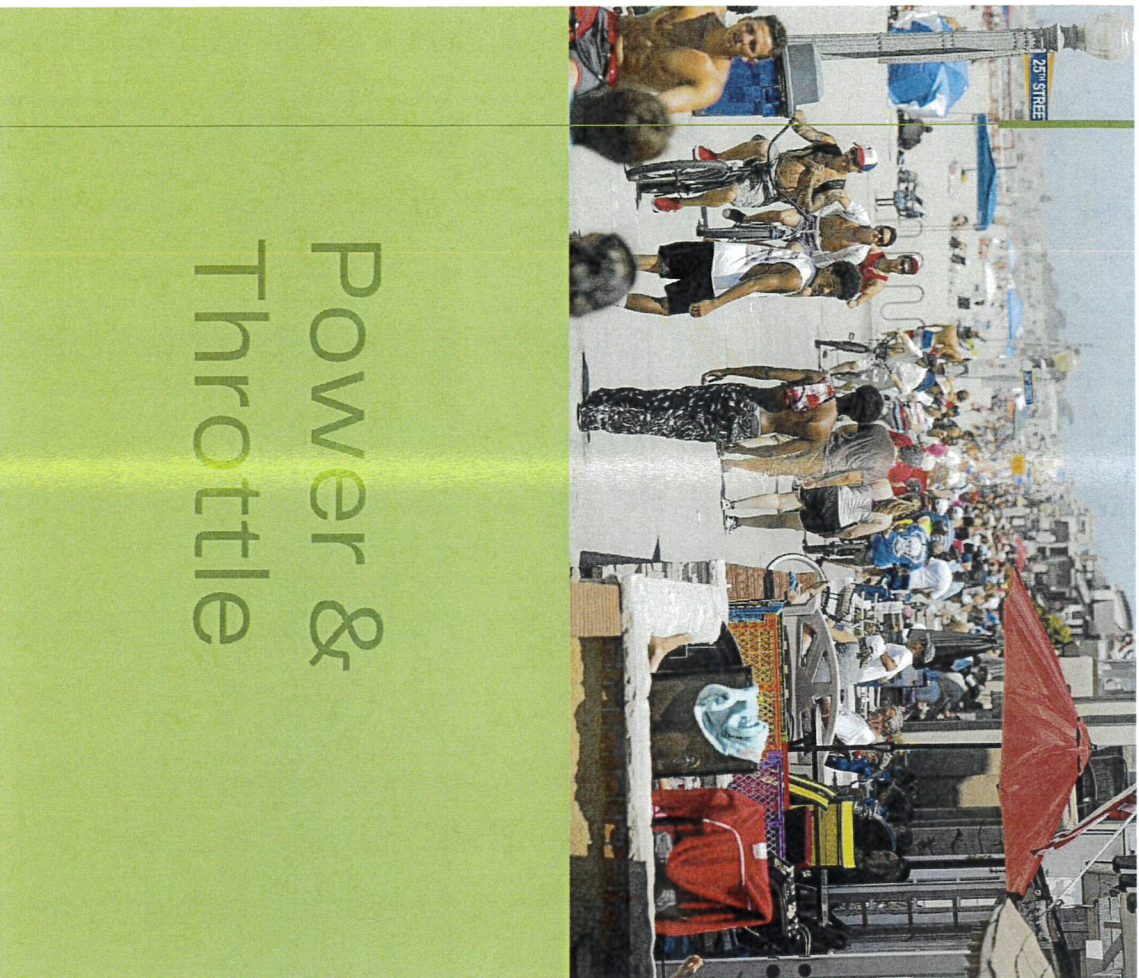
1. Pedal assisted power. Power maxes out at 20mph.
2. Power controlled by a throttle. Power won't go faster than 20 mph.
3. Pedal power. Max assisted speed of 28mph. Age limit of 16 and up. Helmets required for all users all the time. No matter the age.



no pedals

CALIFORNIA

| | Vehicle | | User | | | | Bike Access | | | |
|--|----------------|--------------------|-------------------|------------------|---------------|-------------------------|----------------------|----------------------|-----------------------|---------------------------|
| | Pedal Operated | Max Assisted Speed | Minimum Age (yrs) | Driver's License | License Plate | Helmet | Class 1 Bike Path | Class 2 Bike Lane | Class 3 Bike Route | Class 4 Protected Lane |
|  BICYCLE | YES | N/A | N/A | NO | NO | 17 AND UNDER | YES | YES | YES | YES |
|  TYPE 1 EBIKE | YES | 20 | N/A | NO | NO | 17 AND UNDER | YES | YES | YES | YES |
|  TYPE 2 EBIKE | NO | 20 | N/A | NO | NO | 17 AND UNDER | YES | YES | YES | YES |
|  TYPE 3 EBIKE | YES | 28 | 16 | NO | NO | YES | NO | YES | YES | YES |
|  MOPED | NO | N/A | 16 | YES | YES | YES | NO | YES | YES | NO |



Power & Throttle

Expected Speed

Speed limits vs relative speed. Always be aware.

"Always on" is a waste

Use it to get up to relative speed. You can overheat the engine pretty easily.



Fastest way to drain a battery

Keep it gradual. No one drives a car with the gas pedal pushed all the way to the floor.



Register & Lock

The more expensive the bike, the more expensive the lock





Where To Ride

YOU'RE DRIVING A BIKE

Riding in bike lanes is required as long as the bike lane is clear and safe to ride in.

Some trails do not allow e-bikes so check trail markings before you ride.

Type 3 e-bikes can't use bike paths. They're too fast.

Predictability. Ride where others expect to see you.

Sidewalks are for walking. Crosswalks are for walking.

The rules of the road apply to all users of the road.

Where To Ride

YOU'RE DRIVING A BIKE

- Do you want to play with a toy, or do you want to drive a vehicle?
- Do you want people to see you, or do you want to be invisible?
- How can we teach car drivers to be more aware?
- Who are the roads for?

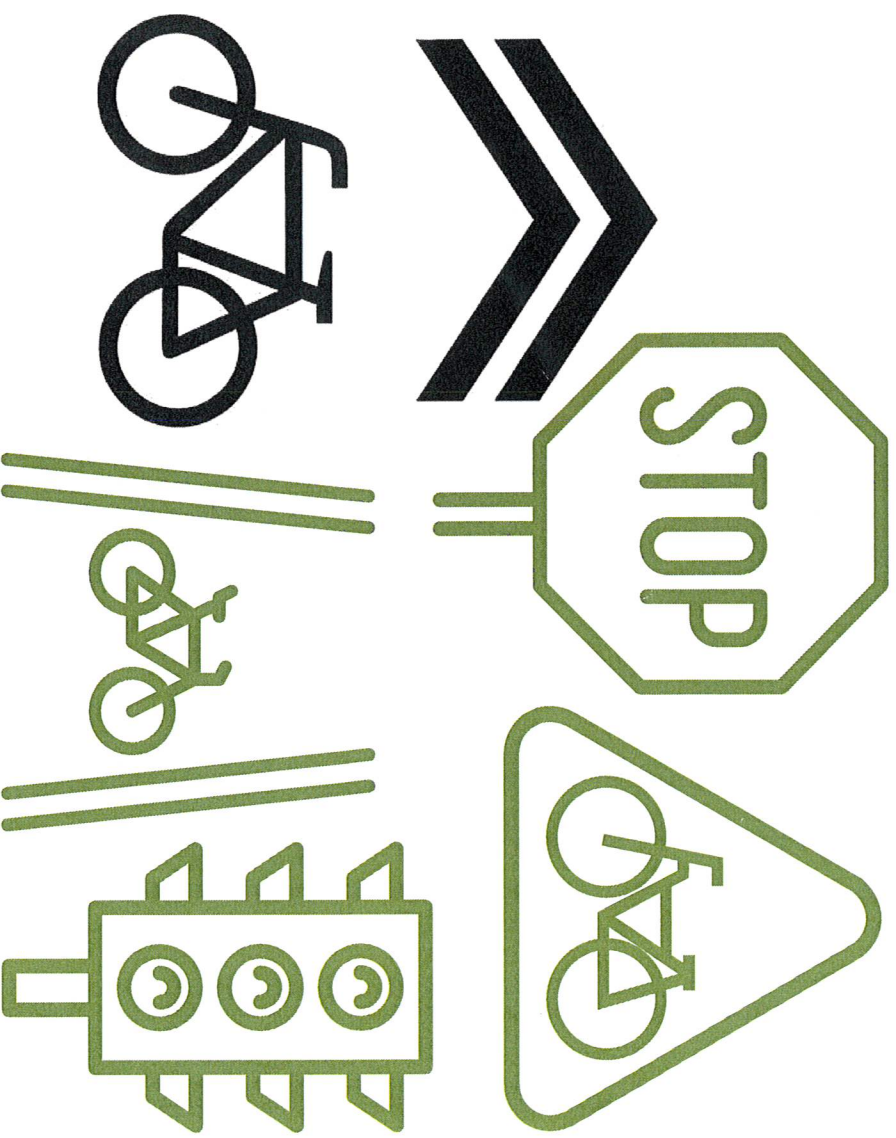


Signals & Signs

USING WHEELS ON THE ROAD?

Traffic lights, traffic signs, and signals apply to all road users. Even on a bike you must fully stop at all stop signs.

The "sharrow" means the lane is too narrow for a bicycle and a motor vehicle to share safely side by side. Bicyclists should discourage unsafe passing by riding towards the middle of the narrow lane. Cars must give three feet to pass.



Passengers & Gear

SAFE WHEN IT'S SAFE



Passengers in cars sit in seats.

Not all e-bikes are equipped to take passengers.

Passengers are required to wear a helmet.

Always ride lawfully and responsibly and especially when you're riding with a passenger.



Getting closer to a car replacement

E-bikes can carry more than regular bikes. E-cargo bikes can carry more than standard e-bikes.

You wouldn't drive around with your groceries sitting on top of your car.

Use the bike to carry people and gear in the way it was designed.



Visibility

Use a white front light, red rear light and reflectors. At night it's the law!

So many bike mods

Those two lights are just the minimum. Custom lights on the bike are highly encouraged!

Helmet

MORE STYLES THAN EVER

*They only work
if you wear
them*



1. Makes you look super cool.

I mean, this one is obvious.



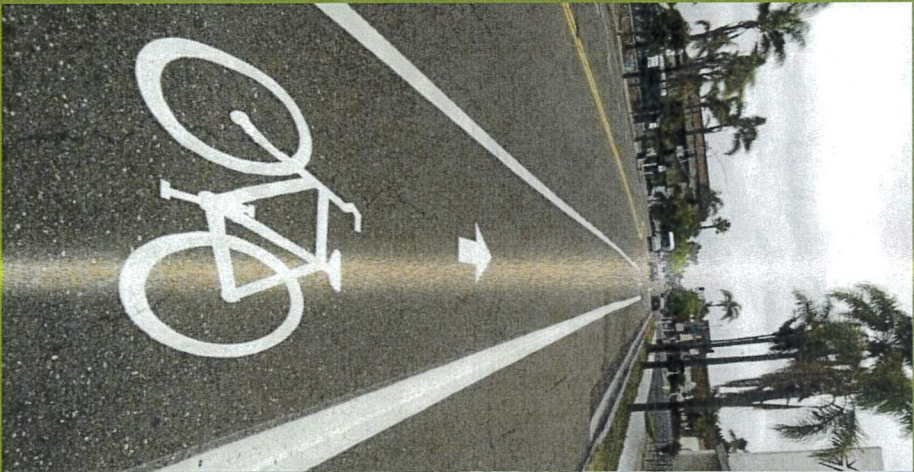
2. Makes your head safer.

Ever drop a watermelon on the ground?



3. It's the law.

Helmet laws are real laws. You can get a ticket.



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Any Questions?
Get more info
or just say hi

San Diego County Bicycle Coalition

SDBikeCoalition.org

iCommute Walk, Ride and Roll

iCommuteSD.com/bike



BIKE COALITION

SAN DIEGO COUNTY



§84.18 Operation of Motorized Transportation Devices on Boardwalks Prohibited

(a) Motorized transportation device means any motorized device used for personal transportation, whether rented or owned. Motorized transportation device includes: shared mobility devices, electric bicycles, motorized bicycles, and motorized scooters as defined in section 83.0302; electric personal assistive mobility devices as defined in section 83.0402; and any other motorized device that state law permits local agencies to regulate, except motorized devices used to assist a physically disabled person.

(b) It is unlawful for any person to operate any motorized transportation device in the following locations: on the public walkway on Ocean Front Walk in Mission Beach,

(1) beginning at the South Mission Beach Jetty northward to the terminus of the public walkway at Ocean Boulevard at Law Street in Pacific Beach;

(2) on the public walkway on the west side of Mission Bay Park from San Diego Place (adjacent to the South Mission Beach Jetty) to Corona Oriente Road (terminus of Crown Point Park), known as Bayside Walk;

(3) on the public walkway on the east side of Mission Bay Park from De Anza Road southward to the South Shores Boat Launch and Park; and

(4) on the boardwalk from Avenida De La Playa (adjacent to La Jolla Shores) north to the terminus of Kellogg Park at its northeast corner.

(c) The prohibition in section 84.18 shall not apply to any physically disabled person using a motorized transportation device in these locations.

(d) The prohibition in section 84.18 shall not apply to any employee, agent, or officer of the City while engaging in law enforcement activities...