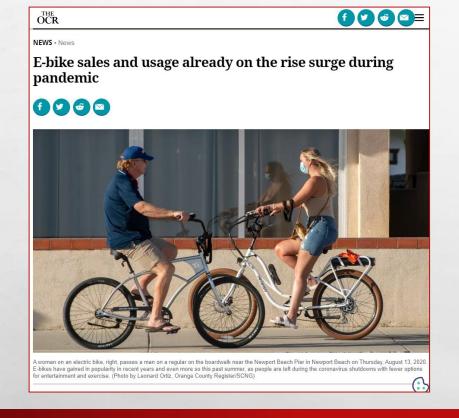


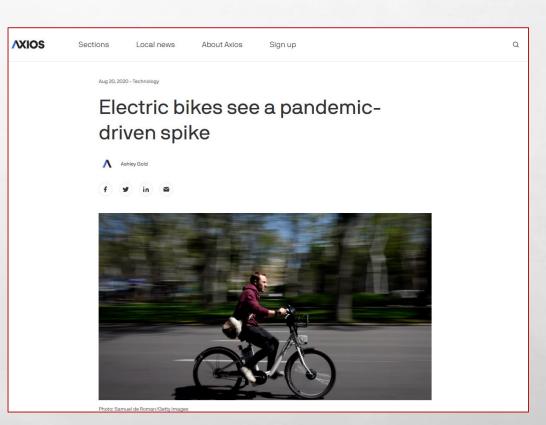
E-BIKE SAFETY

EDUCATION AND ENFORCEMENT PLAN HUNTINGTON BEACH CITY COUNCIL MARCH 1, 2021



E-BIKES DURING PANDEMIC





E-BIKE INDUSTRY SALES

- 2020 Industry reported revenue \$15 billion
- Deloitte Study: 73% increase in sales 2020
- Sales doubling in Europe by 2030

As a destination City, use and sales of e-bikes locally in HB have seen a similar rise



ELECTRIC BIKE: E-BIKE

What is it?

An "electric bicycle" is a bicycle equipped with fully operable pedals and an electric motor of less than 750 watts.







E-BIKE REGULATIONS

Federal: US Code § 2085

California: AB 1096 (Adopted 10/7/15)







pedal assist only no throttle



throttle assist pedal assist



pedal assist no throttle*

BEACH PATH CONFLICT

- HB Tourism: 4 million annually
- E-bike speed > 20 mph
- Pedestrian speed approximately 3 mph

Police Department conducts Bicycle Education PSA Videos Educations Booths at Pier Plaza

Collisions on the beach bike path

- Since 2019, 14 bicycle-related collisions have been reported, with 4 e-bike related
- Incidence rate involving e-bikes has increased over the past 12 months

HB MUNICIPAL CODE 13.08.280

13.08.280 Vehicle and Parking Regulation—Beach

- A. No Person shall operate or possess any motor-driven cycle, motor-driven bicycle, motorcycle, automobile, motor truck or other motorized vehicle or conveyance (regardless of power source or size) on the Beach or Adjacent Beach Area other than for law enforcement, lifesaving or emergency purposes, or for Beach maintenance purposes, except by permit issued by the Director; nor on any roads on which signs are posted prohibiting such activity, nor in any manner or direction prohibited by posted signs, nor on any Beach or Adjacent Beach Area other than on the roads, drives or parking areas designed for such purposes.
- B. No Person shall operate any Wheeled Conveyance on the Beach Service Road if said Wheeled Conveyance has been prohibited by the Director and said prohibition has been properly posted.

C. Exceeding Speed Limit.

- No Person shall operate any Wheeled Conveyance of any type on the Beach, Adjacent Beach Area, or Beach Service Road at a speed in excess
 of 10 miles per hour unless a greater speed is posted. The maximum speed limit when pedestrians are present shall be five miles per hour.
- 2. No Person shall operate any Wheeled Conveyance of any type on the Beach Service Road at a walking speed in excess of two and one-half miles per hour, between designated points, when the yellow lights are flashing.

INITIAL CITY RESPONSE: EDUCATION AND ENFORCEMENT

- Education program launched February 15, 2021
 - PD stopping and educating the public on the beach bike path
 - Visiting local retailers, Downtown BID, and Visit HB
- Social media
- Enforcement to start Monday, April 5, 2021

SAFETY REMINDERS



BICYCLE PATHWAY SPEED LIMITS

SPEED LIMIT 10 THE SPEED LIMIT ON THE BEACH PATH
IS **5 MPH** WHEN PEDESTRIANS ARE
PRESENT OR **10 MPH** UNLESS
OTHERWISE INDICATED
(HBMC 13.08.280)





CITY RESPONSE PLAN GOING FORWARD



- Short term response
 - Education: began February 16
 - Enforcement: April 5
- Medium term response
 - Infrastructure improvements, such as electronic signage in strategic locations
 - Explore bike walk zones
 - Analyze seasonal e-bike prohibitions
- Longer term response
 - Preparation of a citywide mobility plan, with a goal being to provide alternative pathways for e-bikes

QUESTIONS?