

EL Segundo Police E-Bike Presentation



SPECIAL OPERATIONS DIVISION
LIEUTENANT CORY MCENROE

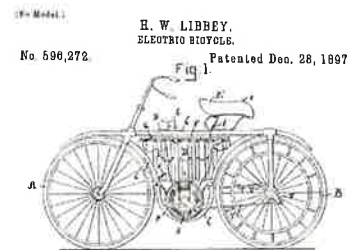
Agenda

- ▶ History and Rise of E-Bikes
- ▶ Current Laws
- ▶ ESPD's Three Prong Approach
 - ▶ Awareness
 - ▶ Education
 - ▶ Enforcement
- ▶ Recommendations



History of E-Bikes






- ▶ 19th Century marked the dawn of E-Bikes with the first US bike patented in 1895 by Hosea Libbey of Boston
- ▶ The 1980s marked the next major shift in innovation and in 1993 “pedal assist” technology was created by Yamaha
- ▶ The 21st Century marked the “E-Bike Boom”



Current California Electric Bicycle Policy

Virtually Unregulated if 20MPH or Under

CALIFORNIA ELECTRIC BICYCLE POLICY

| VEHICLE TYPE | VEHICLE | | | USER | | | BIKEWAY ACCESS | | | |
|---|----------------|------------------------------------|---------------------|------------------|---------------|--------------|-------------------|--------------------|----------------------|-------------------------|
| | PEDAL OPERATED | MAXIMUM MOTOR-ASSISTED SPEED (MPH) | MINIMUM AGE (YEARS) | DRIVER'S LICENSE | LICENSE PLATE | HELMET | CLASS I BIKE PATH | CLASS II BIKE LANE | CLASS III BIKE ROUTE | CLASS IV PROTECTED LANE |
| BICYCLE  | YES | N/A | N/A | NO | NO | 17 AND UNDER | YES | YES | YES | YES |
| TYPE 1 E-BIKE*  | YES | 20 | N/A | NO | NO | 17 AND UNDER | YES | YES | YES | YES |
| TYPE 2 E-BIKE*  | NO | 20 | N/A | NO | NO | 17 AND UNDER | YES | YES | YES | YES |
| TYPE 3 E-BIKE*  | YES | 28 | 16 | NO | NO | YES | NO | YES | YES | YES |
| MOPED  | NO | N/A | 16 | YES | YES | YES | NO | YES | YES | NO |

*PENDING AB-1096



ESPD's Three Prong Approach

- ▶ Awareness
- ▶ Education
- ▶ Enforcement



Awareness

- ▶ Social Media Posts
 - ▶ 21 posts since July 10, 2023
- ▶ E- Bike Booths at Community Events
 - ▶ Farmers Market, Hometown Fair, Concert in the Park
- ▶ Newspaper Adds and Community Flyers
 - ▶ El Segundo Herald and Daily Breeze



Education

- ▶ 6-month patrol campaign to contact unsafe bicycle riders and advise them of current laws
- ▶ Hosted two E-Bike Courses with the most recent on April 13, 2024, at Center Street School
 - ▶ Upcoming Course on June 8, 2024
- ▶ Educational Pamphlets notifying residents on E-Bike rules and regulations



Enforcement

- ▶ 4 E-Bike saturation patrol deployments
- ▶ 2 E-Bike OTS Grant funded saturation patrol deployments
- ▶ Directing officers to focus their traffic on E-Bike enforcement
- ▶ Since 1/1/2024, ESPD has held 4 E-Bike Enforcement Details. ESPD has also directed Patrol Officers to spend a portion of their shifts focusing on E-Bike enforcement
- ▶ A combination of warnings and actual citations
 - ▶ 27 Warnings and 13 Citations (Jan-Apr, 2024)



Bicycle Collision/Calls of Service Summary Report

▶ Total Collisions

- ▶ 2022 – 8
- ▶ 2023 – 15
- ▶ 2024 (YTD) – 8

▶ Total Calls for Service

- ▶ 2022 – 9
- ▶ 2023 – 20
- ▶ 2024 (YTD) - 10



Law Enforcement Challenges

Sur Ron E-Dirt Bike



Talaria E-Dirt Bike



Modified E-Bike



Recommendations

- ▶ Start a diversion program where first-time offenders can take a 4-hour e-bike course to dismisses their citation
- ▶ Partner with local schools to require any student who wishes to bring their e-bike on campus to first register their bike with ESPD. Part of the registration is a mandatory attendance at the E-Bike course.
- ▶ Community Issue: Get parents onboard



QUESTIONS?

