

E-bike Community Advisory Committee

Meeting #2



**MARIN MUNICIPAL
WATER DISTRICT**

October 7, 2019

Overview

- E-bike CAC Charter
 - *Committee Discussion*

- E-bike Regulations
 - *Committee Discussion*

- E-bike Technology
 - *Committee Discussion*


- Meeting Outcomes

- Public Comment

E-bike Overview

An e-bike is a bicycle equipped with fully operable pedals and an electric motor of less than 750 watts

The frame
Usually made from a lightweight aluminum alloy that makes the overall weight lighter, enabling you to travel farther before needing a recharge.




Battery


Motor

The drivetrain
Provides power and the turning force needed to manually turn the wheels. Mid-drive motors send power directly to the drivetrain, making chain cranking easier. Most drivetrains allow the rider to shift gears, making it easier or harder to pedal.


The spokes
A more traditional bike usually has thinner spokes. However, because the electric motor in the hub spins the wheel with a lot of torque, e-bike spokes are thicker to avoid bending or buckling from the pressure.




CARGO




COMMUTER



MOUNTAIN



RECREATIONAL



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Sources: The Orange County Register, California Bicycle Coalition, Erksbikeshop.com

Charter Modifications

Modifications requested by CAC members by Sept. 26, 2019 include:

- Modifications to Section 1 to refine the characterization of recreation and other uses in the Mt. Tam watershed
- Refinements to the draft schedule in Section 3
- Additions to Section 4.4 (MMWD Responsibilities) and Section 4.5 (Facilitator Responsibilities) to highlight the need for all meetings to provide reasonable accommodation under the Americans with Disabilities Act and other applicable laws or regulations
- The addition of a definition of “constituencies” under Section 4.7
- Other changes to address minor typographical issues

Schedule

Date	Meeting Description
September 10, 2019	Kick-off meeting to formally convene the CAC
October 7, 2019	Current e-bike technology; overview of e-bikes in other jurisdictions
November 12, 2019	E-bikes and the physical, natural, cultural, and social environment of Mt. Tamalpais
December 10, 2019	E-bike users in relation to other user groups
January 14, 2020	Safety issues associated with e-bikes
February 11, 2020	Regulation, enforcement protocols, and educational opportunities
March 10, 2020	Pros/cons discussion of recommendations
April 14, 2020	Review final report and conclusion of the process

E-bike Access

Type-1 and Type-2 e-bikes are allowed **anywhere** regular bicycles are permitted to travel:

- Santa Clara County Parks
- City of San Jose Parks, Recreation, and Neighborhood Services
- China Camp State Park
- Golden Gate National Recreation Area

Circumstantial Permission

Type-1 and Type-2 e-bikes are permitted **only** on designated roads and trails; they do **not** have permission to travel anywhere a regular bicycle is allowed:

- **Marin County Open Space**
 - E-bikes are allowed on paved roads, paved designated bicycle and multi-use pathways or public roads not signed against such use
- **East Bay Regional Park District**
 - Only permitted on 3 paved trails selected based on their overall significance to the public's use of alternative transportation
- **Sonoma County Regional Parks**
 - E-bikes are permitted on all paved trails where bicycles are permitted
- **Trione-Annadel State Park**
 - E-bikes are permitted on all paved trails where bicycles are permitted

Currently Not Permitted

E-bikes are **not** permitted to travel on any roads or trails that deny access to vehicles, regardless of access granted to regular bicycles:

- Midpeninsula Regional Open Space District
- Mt. Tamalpais State Park
- Samuel P. Taylor State Park
- East Bay Municipal Utilities District
- San Francisco Public Utilities District
- Marin Municipal Water District

Jurisdictions in **BLUE** are a municipality or watershed providing a similar function to MMWD