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Subject: Electric Bikes and Trail Management

To: Regional Foresters

Electric bikes or e-bikes are growing in popularity and offer increased potential for quality recreation experiences, where determined appropriate, that connect people with enjoyment of their National Forests. Given the recent introduction of e-bikes as a use on National Forest System (NFS) land, questions have been raised by Forest Service units, recreationists, user groups, permit holders and law enforcement regarding appropriate routes and areas for this use. The Washington Office has received inquiries from Regional Office and field unit staff about how to classify and manage e-bikes for determining where they are allowed to be operated on NFS lands. This letter is intended to provide current guidance in response to those inquiries. It also lays out possible opportunities to expand appropriate e-bike access to NFS lands through special designation routes and areas for e-bikes now and into the future.

The Forest Service recognizes that technology continues to rapidly change, including the design and capability of e-bikes and other related modes of travel. Monitoring of e-bike use for visitor safety, social issues, along with performance metrics and natural resource impacts will continue to develop and advance. As such, we as an agency remain open to potentially re-visiting and adjusting associated agency guidance if and as needed in the future.

As a starting point, certain applicable laws and relevant directives provide a foundational approach to current e-bike management:

The Forest Service's Travel Management Rule (TMR) and E-Bikes: The TMR defines "motor vehicle" as "any vehicle which is self-propelled, other than: (1) a vehicle operated on rails; and (2) any wheelchair or mobility device, including one that is battery-powered, that is designed solely for use by a mobility-impaired person for locomotion, and that is suitable for use in an indoor pedestrian area." 36 CFR 212.1. E-bikes have a motor, thereby are self-propelled, and are not covered by the exceptions in the definition. Therefore, e-bikes are motor vehicles and are subject to regulation under the TMR, which requires designation of National Forest System (NFS) roads, NFS trails, and areas on NFS lands for motor vehicle use. 36 CFR 212.51(a). Direction on e-bikes was included in a response in the *Federal Register* notice for the final over-snow vehicle rule. The response states: "New technologies that merge bicycles and motors, such as e-bikes, are considered motor vehicles under §212.1 of the TMR." 80 Fed. Reg. 4503 (Jan. 28, 2015).

Disability and Motorized Devices: Questions have been raised in relation to people with disabilities requesting use of e-bikes as an assistive device. The only exception for a person with a disability for use of a device that is self-propelled is if that device meets



both parts of the legal definition of a wheelchair or mobility device as defined above in 36 CFR 212.1 and also defined the same way in FSM 2353.05 as well as in 42 U.S.C. 12107. Under that definition, any device that is both designed solely for mobility for a person with disability and which is suitable for use in an indoor pedestrian area may be used anywhere foot travel is allowed. E-bikes are not solely designed for individuals who have mobility impairments and their suitability for indoor use would be highly questionable. Therefore, e-bikes do not qualify for an exception and may only be used where the MVUM allows that use by all people. An e-bike remains a motor vehicle regardless of who is using it. It is essential that exceptions to TMR designations not be made. Restrictions on motor vehicle use that are applied consistently to everyone have been repeatedly found not to be discriminatory.

Section 504 of the Rehabilitation Act (29 U.S.C. 794): Requires programs on federal lands to provide “reasonable modification” of policies and procedures to allow the participation of qualified people who have disabilities. To be a qualified person the individuals must meet the same essential eligibility requirements for participation in that activity as does a person who doesn’t have a disability. However, no federal agency is to “fundamentally alter” the program in order to allow a person with a disability to participate. To allow a motorized device, that doesn’t meet both parts of the legal definition of a wheelchair, to be used on a route or in an area where use of that class of device is not designated would be a fundamental alteration of that program.

Other Power Driven Mobility Devices: In 2010, the Department of Justice released their Rule on Other Power Driven Mobility Devices (OPDMD). An OPDMD is defined as any vehicle or device that is powered by batteries, fuel or other engines including those not primarily designed for people with disabilities. Under the OPDMD Rule, a person who has a disability is to be allowed to operate an OPDMD anywhere, unless that area has been previously determined not to be appropriate for use of that type of device/vehicle and the information as to what if any devices/vehicles may be operated in that location has been posted. The criteria within the Rule for such a determination includes the same parameters as were used for the FS designations under the TMR. Therefore, the use of any OPDMD is limited to where the use of that specific type of device/vehicle is designated for use by all. It is essential that OPDMD exceptions not be made to the TMR designations.

Currently, e-bikes are allowed with the TMR designations for “Roads Open to All Vehicles”, “Trails Open to All Vehicles”, “Trails Open to Vehicles 50” or Less in Width”, and “Trails Open to Motorcycles Only”. In addition, new trail riding opportunities for e-bikes on existing non-motorized trails may be considered and designated as motorized trails by administrative units and ranger districts under travel management planning efforts, based on special vehicle class designations in accordance with 36 CFR 212.55. These motorized trail designation changes would involve appropriate environmental analysis, public participation and designation decisions that, once established, will be reflected on updated MVUMs in accordance with the TMR.

Technology continues to rapidly change, including the design and performance metrics of e-bikes. As such, we as an agency remain open to potentially re-visiting and adjusting associated

agency guidance if and as needed in the future. The WO Recreation, Heritage and Volunteer Resources staff members ready to assist you include Chris Sporl, Travel Management Program Manager, [cfsporl@fs.fed.us](mailto:cfsporl@fs.fed.us); Jaime Schmidt, Assistant Program Manager for Trails, [jschmidt@fs.fed.us](mailto:jschmidt@fs.fed.us); and Janet Zeller, Accessibility Program Manager, [jzeller@fs.fed.us](mailto:jzeller@fs.fed.us).

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