

# E-BIKE USE ON THE W&OD TRAIL AND OTHER NOVA PARKS TRAILS

## STEPS NOVA PARKS HAS TAKEN TO EXAMINE ISSUE

- ❑ WORKED WITH TOOLE DESIGN GROUP TO LOOK AT:
  - ❑ E-BIKE TECHNOLOGY
  - ❑ FEDERAL AND STATE LAW AND MODEL LEGISLATION
  - ❑ REGULAR BIKES vs E-BIKES - BEHAVIOR AND SAFETY
  - ❑ REVIEW OF OTHER TRAIL SYSTEMS POLICIES
  - ❑ POTENTIAL NEXT STEPS

# E-BIKE USE ON THE W&OD TRAIL AND OTHER NOVA PARKS TRAILS

## FEDERAL AND STATE LAW & MODEL LEGISLATION

	Model Legislation	Current Virginia Law
Maximum Power	750w	1,000w
Maximum Speed	20mph, Class I & II 28mph Class III	25mph
Regulated as Bicycles?	Yes	Yes
Insurance, Licensing, and Registration Requirements	None	None
Labelling/Identification	Requires Class I, II, or III labeling	None
Restrictions on Tampering and/or Modification?	Yes	No
Consumer Product Safety Commission Compliance	Yes	No
Required Motor Disengagement	Yes – Throttle disengagement required when braking	No
Allowed on Shared Use Paths?	Yes, Class I & II	Yes
Minimum Operator Age	Class III - 16	14
Helmet Requirements	No	No
Speedometer Requirement	Yes – Class III	No



# **E-BIKE USE ON THE W&OD TRAIL AND OTHER NOVA PARKS TRAILS**

## **USER BEHAVIOR AND SAFETY**

- ☐ **E-BIKE USERS EXHIBIT NEARLY IDENTICAL BEHAVIORS AS REGULAR BIKE USERS**
- ☐ **E-BIKES SPEED WERE OBSERVED TO BE LOWER THAN STANDARD BIKE SPEEDS ON SHARED TRAILS**
- ☐ **MOST TRAIL USERS ARE UNAWARE OF THE PRESENCE OF E-BIKES WHEN ASKED**



# E-BIKE USE ON THE W&OD TRAIL AND OTHER NOVA PARKS TRAILS

## REVIEW OF OTHER TRAIL SYSTEMS POLICIES

- ☐ MANY HAVE YET TO ADOPT FORMAL POLICIES
  - ☐ LACK OF POLICIES, LEGAL DEFINITIONS = CONFUSION
- ☐ MOST WHO HAVE POLICIES ARE ALIGNING WITH STATE LAW
  - ☐ IS THE STATE LAW BEST FOR THE W&OD?
- ☐ SOME BASE SOLELY ON SPEED (AKA SPEED LIMITS)



## **E-BIKE USE ON THE W&OD TRAIL AND OTHER NOVA PARKS TRAILS**

### **NEXT STEPS FOR NOVA PARKS**

- ☐ **AMEND PARK REGULATION TO ADDRESS E-BIKE USAGE ON THE W&OD AND OTHER NOVA PARKS' TRAILS**
- ☐ **IMPLEMENT GUIDELINES FOR THE OPERATIONS OF E-BIKES. NOT ENFORCEABLE, ONLY RECOMMENDATIONS**