

Announcing: New Bike Maintenance & Pump Station on the Atlantic & Yadkin Greenway at Bur-Mil Park with a 35 Minute Bike Maintenance & Safety Video Eagle Scout Project by Cooper Creech, Troop 101, Greensboro

Why this project?

As Scouts we learn to be prepared for anything and everything. I think anytime you are on your bike out on the road or trail you should be prepared with the skills and the tools to fix whatever problems might come up. The bike station, pump and video all help people be prepared so they can bike safer and longer.

There are multiple mountain bike trails that connect to the greenway near Bur-Mil Park and there is not a bike shop nearby so it will be very useful to have the bike station and pump located there. This will help draw more cyclists to our greenway and trails as well as help Greensboro win the Bicycling Friendly Community Award again in 2017.

How?

This project was accomplished with the help of my family and Scouts from BSA Troop 101 of Greensboro.

Technical expertise for the video was provided by cycles de ORO.

Sponsorship and signs were provided by Graphic Visual Solutions.

Part 1: Bike Maintenance Station & Pump on the Atlantic & Yadkin Greenway at Bur-Mil Park

- Hang your bike on the station and use attached tools to do maintenance and repairs.¹

- Pump has a gauge so people can easily and accurately inflate their tires. Many accidents are avoided with proper tire pressure.



¹ **Tools on station:** Phillips & standard screwdrivers, steel core tire levers, headset/pedal wrench, 8/10 mm cone wrench, 9/11 mm cone wrench, Torx T-25, Hex key set



Satellite view of site location

Part 2: 35 Minute Bike Maintenance and Safety Video

<https://youtu.be/7Y8Vv1VNMHM> or <http://tinyurl.com/bikemaintenance101>

Video is intended as an introductory course in bike maintenance and safety.

Video includes an interview with Dale Brown, owner of cycles de ORO, that discusses which bike problems are best left to the professionals and how to select the right bike.

Video includes:

- 1) Thorough demonstration of how to change a tire
- 2) Introductory level information on:
 - a) maintaining tires - checking for damage/wear, patching flats
 - b) chain maintenance - checking for damage/wear, cleaning and lubricating
 - c) brake maintenance - alignment and lubrication
 - d) gear maintenance - cleaning, checking shifters
 - e) how to check and adjust your bike seat
- 3) Overview of Bike Safety, Etiquette, & Laws
 - a) helmet use
 - b) checking tire pressure
 - c) proper clothing/shoes
 - d) bike etiquette on the road and trail
 - e) local bike laws

Contact: Cooper Creech creech_melissa@hotmail.com 336-456-5106