

## Bicycle Infrastructure Funding Program

Funding of the Downtown Bicycle Infrastructure Concept Plan can be implemented with several methods of current Best Practices. Some projects would include traditional bicycle lanes; others could include signage and non-traditional bicycle lane markings such as sharrows and bicycle-boxes.

### 1. *Bicycle Lanes:*

Research indicates that striping a bicycle lane costs approximately .50\$ per/mile. This would not include the Grinding of Existing Pavement Markings, Signage, or additional Pavement Marking that typically supplement a bicycle lane.



### 2. *Grinding & Eradication:*

Several streets proposed to receive bicycle lanes have existing pavement marking that would need to be removed 'Grinded & Eradicated' to accommodate bicycle lanes. This work would need to be contracted out and current estimates show that this process costs approximately \$2 per linear foot.



### 3. *Sharrows:*

Sharrows are pavement marking symbols on streets that are too narrow for bicycle lanes, but qualify for special accommodations for bicycle travel. Sharrows are common in urban conditions where on-street parking exists, or the curb-to-curb distance is too narrow for a bicycle lane. Sharrows are recommended to be used at 500' -1000' intervals.



## Bicycle Infrastructure Funding Program Continued

### 4. *Bicycle Boxes:*

Bicycle Boxes are painted zones at critical intersections where bicycle travel is expected and vehicular travel is heavy. These boxes are rectangular and provide vehicular drivers advance warning that bicyclists are common on the upcoming roadway.



### 5. *Signage:*

Signage is a critical part of any comprehensive bicycle infrastructure project. Signage is used in conjunction on all bicycle lane and sharrow projects. Signage is also appropriate in conditions where no pavement marking are necessary, but a network of streets is the goal.



If you have any comments, questions, or suggestions, feel free to contact Andrew Meeker at 467-4345 or [meekera@greenergreenville.com](mailto:meekera@greenergreenville.com)