

PLANNING AND DESIGN OF BICYCLE FACILITIES

Discussion will take place at the scoping meeting concerning the expected type of bicyclist that will use the facility and the type of facility to be designed. The District, Transportation and Mobility Planning Division, Locality and other interested parties will provide input on the inclusion of a bikeway on a particular project.* Types of bicyclist include Group A, advanced; Group B, basic; and Group C, children. AASHTO designates bicycle facility types as Shared Roadway (No Bikeway Designation), Signed Shared Roadway, Bike Lane or Bicycle Lane and Shared- Use Path.

Individuals involved in the planning and design of bicycle facilities should be familiar with the resources mentioned in the previous section titled: **“VDOT POLICY to improve bicycle and pedestrian access”**.

In rural and some urban sections of highway with scattered development, it is recommended that the facility be designed for Group A bicyclists. In developed areas near parks, schools, recreation areas, etc., it is recommended that the facility be designed for Group B, C bicyclists. Shared-Use Paths are recommended in areas where bicyclists are expected to be children, pre-teen or casual recreation riders.

Guidelines in SELECTING ROADWAY DESIGN TREATMENTS TO ACCOMMODATE BICYCLES are recommended as bicycle facility design criteria, but in no case will a bicycle facility be designed with criteria less than those contained in the VDOT/AASHTO DESIGN GUIDELINES. When a bicycle facility is proposed on a project one set of pertinent plans, profiles and typical sections are to be provided to the Location and Design Bicycle/Pedestrian Facilities Coordinator prior to Preliminary Engineering, Field Inspection and after related comments are received at public information meetings.

The procedure for planning and designing a bicycle facility is:

1. Select the type of bicyclist; A, B or C or a combination of these.
2. Select the roadway design treatment or type of facility.
3. Design the facility in accordance with the resources mentioned in the previous section titled **“VDOT POLICY TO IMPROVE BICYCLE AND PEDESTRIAN ACCESS”**.

BICYCLE ACCESS FACILITIES

VDOT may participate in the development of bicycle access facilities to serve public recreational areas and historic sites based on the current Recreational Access Fund Policy.

* Rev. 7/14