

SEPARATED BIKE LANES*

A separated bike lane is an exclusive facility for bicyclists that is located within or directly adjacent to the roadway and that is physically separated from motor vehicle traffic with a vertical element. Separated bike lanes are differentiated from standard and buffered bike lanes by the vertical element. They are differentiated from shared use paths (and sidepaths) by their more proximate relationship to the adjacent roadway and the fact that they are bike-only facilities. Separated bike lanes are also sometimes called "cycle tracks" or "protected bike lanes."

Within the common elements of separated bike lanes - dedicated space for cyclists that is separated from motor vehicle travel and parking lanes - practitioners have flexibility in choosing specific design elements. Separated bike lanes can operate as one-way or two-way facilities; their designs can integrate with turning automobile traffic at intersections or can be more fully separated; they can be designed at roadway grade, at sidewalk grade or at an intermediate grade; and they can be separated from the adjacent roadway or sidewalk with a variety of treatments including but not limited to on-street parking, raised curbs or medians, bollards, landscaping, or planters. For additional information see FHWA "[Separated Bike Lane Planning and Design Guide](#)"

SHARED USE PATHS

Shared use paths are facilities physically separated from motorized vehicular traffic by an open space (buffer) or barrier and either within the highway right of way or within an independent right of way. Users are non-motorized and may include bicyclists, inline skaters, roller skaters, wheelchair users (both non-motorized and motorized) and pedestrians including walkers, runners, and people with baby strollers and people walking dogs. Shared use paths are most commonly designed for two-way travel, and the following guidance assumes a two-way facility is planned unless otherwise stated. When paths are planned, it is desirable to provide paths on both sides of the roadway to decrease the likelihood of children crossing the road. Pavement design for shared use paths are recommended by the Materials Division.

Care should be taken not to use shared use path and trail interchangeably because they have distinctly different design guidelines.

- Separation Between Shared Use Paths and Roadways

Shoulder and Ditch Typical Section:

When two directional shared use paths are located adjacent to a roadway, wide separation between a shared use path and the adjacent highway is desirable to demonstrate to both the bicyclist and the motorist that the path functions as an independent facility for bicyclists and others. On shoulder and ditch typical sections shared use paths should be placed behind the ditch in a manner that will be compatible with the roadway if the roadway is converted to a curb and/or curb and gutter typical section.

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