

CHAPTERS 5 & 7 DEFINITIONS

Bike Box refers to a designated area at the head of a traffic lane at a signalized intersection that provides bicyclists with a safe and visible way to get ahead of queuing traffic during the red signal phase.

Bike Share Program refers to a service that provides users with the ability to pick up a bicycle at any self-serve bike-station, typically for a rental fee, and return it to any other bike station located within the system's service area. Bike share programs differ from traditional bicycle rental services in that they are typically used for short, spontaneous trips that are often combined with other transportation modes (e.g. transit).

Bollard refers to a sturdy, short, vertical post that is installed, typically in combination with other bollards, to define pedestrian spaces and control road traffic.

Bulbout refers to a raised curb extension that narrow the travel lane at intersections or midblock locations and reduces the curb radii at intersections. The device increases pedestrian safety and comfort by reducing the street crossing distance and vehicle speeds, and by making pedestrians approaching street crossing more visible to drivers.

Chicanes refers to a series of curb extensions, typically landscaped, that alternate from one side of the street to the other, forming S-shaped curves that require vehicles to slow down.

Energy Dissipater refers to a device that is designed to protect downstream areas from erosion by reducing the velocity of flow to acceptable limits.

Intelligent Transportation System (ITS) refers to an advanced application which, without embodying intelligence as such, aims to provide innovative services relating to different modes of transport and traffic management and enable various users to be better informed and make safer, more coordinated, and 'smarter' use of transport networks.

Parklet refers to a sidewalk extension that provides more space and amenities for people using the street. Usually parklets are installed on parking lanes and use several parking spaces. Parklets typically extend out from the sidewalk at the level of the sidewalk to the width of the adjacent parking space.