

# Thinking Inside the Box

## The “Bike Box” Integrating Bicycles and Motorists

The Bike Box is designed to allow bicycles and motor vehicles to share the traffic lane in a safe and cohesive manner.

# The Idea

## WHAT IS A BIKE BOX?

The bike box is an intersection safety design to prevent bicycle/car collisions, especially those between drivers turning right and bicyclists going straight. It is a green box on the road with a white bicycle symbol inside. It includes green bicycle lanes approaching and leading from the box.

# BEFORE

A single traffic lane and a painted bike lane share the direction of travel.



This could create confusion between the motorist and the bicycle. The motorist could attempt a right turn into a bicycle or pedestrian.

# Installation of the Bike Box



# Clear and Bright Design



This intersection safety tool is created by using preformed thermoplastic sheets, which are heated and melted to permanently adhere the design to the pavement.



# AFTER

Once the application is complete you have a visible multipurpose traffic device.



# How it Works: Basics

No bicycles present, stop behind the box as normal.



When bicycles are present, share the road.



# How it Works: Details

## WHAT MOTORISTS SHOULD KNOW

**When the traffic signal is yellow or red,** motorists must stop behind the white stop line behind the green bike box. Don't stop on top of the bike box. Keep it clear for cyclists to use. **No right turns on red at these intersections!**

**When the light turns green,** motorists and cyclists may move through the intersection as usual, with cyclists going first. Motorists turning right on green should signal and watch for cyclists to the right, especially in the green bike lane in the intersection.

## WHAT BICYCLISTS SHOULD KNOW

**When a traffic signal is yellow or red,** enter the bike box from the approaching green bike lane. Stop before the crosswalk.

**When the light is green,** proceed as normal. Be aware of right-turning motorists, especially while in the green lane in the intersection.



# More Information

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