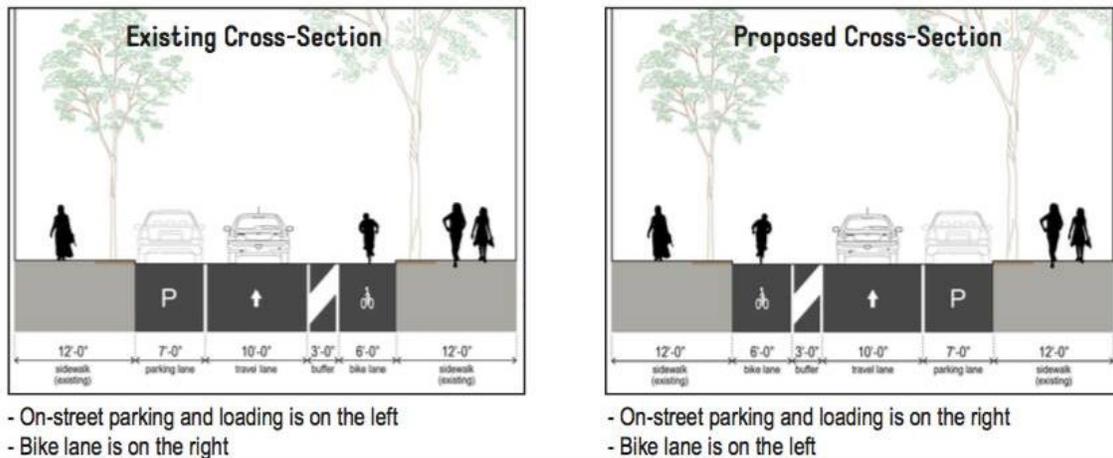


Left Side Bike Lane on Spruce and Pine Streets

RECONFIGURATION



Philadelphia is installing left side bike lanes on other streets - There are 11 left side bike lanes in Philadelphia, currently, and more to come.

Other cities have successfully used left side bike lanes - Berkeley, CA; Boston, MA; Chicago, IL; Eugene, OR; Madison, WI; Minneapolis, MN; Naples, FL; New York City, NY; Portland, OR; Sacramento, CA; San Francisco, CA; Seattle, WA; Washington, DC.¹

Reduces conflicts with buses - Delaware Valley Regional Planning Commission recommended that left side bike lanes be installed to reduce conflicts between bicycles and buses².

Increases visibility of bicyclists - Bicyclists will be more visible riding to the left of motorists. Drivers have larger blind spots on the right side of their vehicle than the left³

Reduces dangerous interactions - Left side bike lanes reduce the likelihood of interactions between bicyclists and motorists taking right-hand turns. Truck right turn mirror related crashes are four times more common than left⁴.

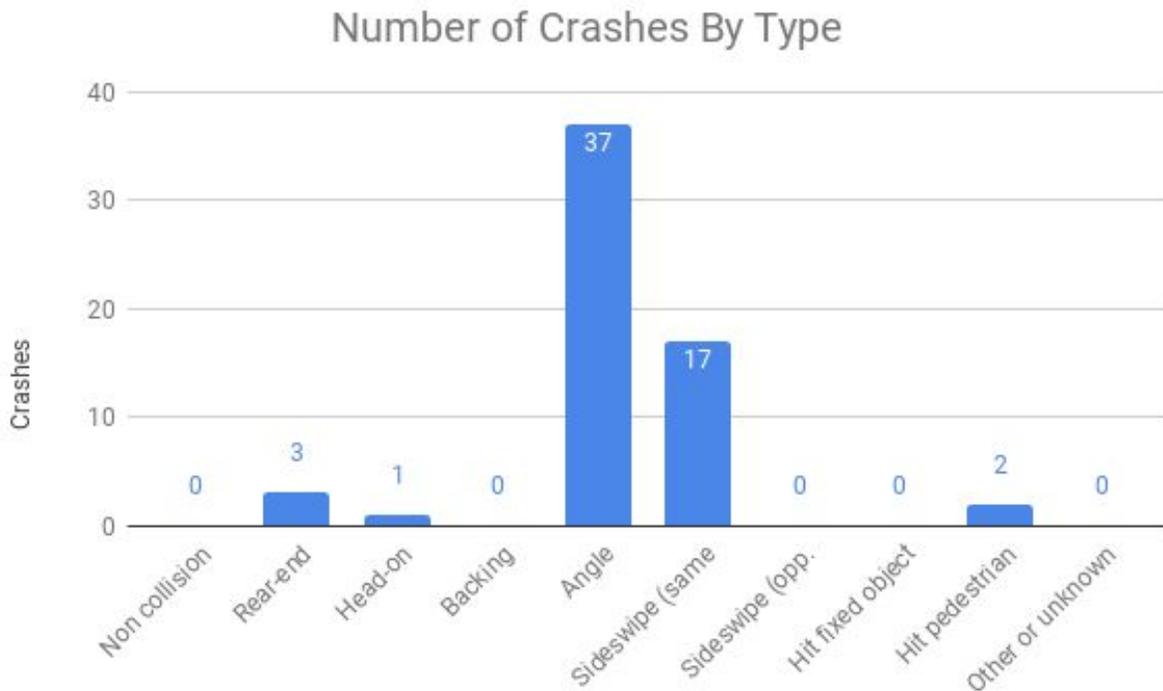
¹ National Association of City Transportation Officials. "[Left-Side Bike Lanes.](#)"

² Delaware Valley Regional Planning Commission. "[Bicycle-Bus Conflict Area Study.](#)" 2009.

³ Federal Motor Carrier Safety Administration. "[Large Blind Spots \('No Zones'\).](#)" 2017.

⁴ Blower, Daniel. "[TRUCK MIRRORS, FIELDS OF VIEW, AND SERIOUS TRUCK CRASHES.](#)" 2007.

Angle crashes are most prevalent type on Spruce & Pine - Between 2009 and 2016 there were 60 reported bicycle crashes on Spruce and Pine Streets between Front St and 23rd St.; 37 of these crashes (61%) were angle crashes⁵. Given the current configuration of Spruce and Pine Streets, BCGP believes it is most likely that these angle crashes occurred when a vehicle turning right failed to see/yield to a bicyclist in their lane.



Spruce & Pine are among the most heavily biked streets in Philadelphia -

Automatic counters owned by the DVRPC have counted nearly 1000 bikes a day on each street⁶. Of the 12 intersections where BCGP bike counts take place, the six most heavily biked are along Spruce and Pine Streets⁷

Transportation engineers recommend left hand bike lanes -

The American Association of State Highway and Transportation Officials (AASHTO) recommended that a bike lanes “may be placed on the left if there are a significant number of left turning bicyclists or if a left-side bike lane decreases conflicts, for example those caused by heavy bus traffic, heavy right-turn movements, deliveries or on-street parking.”⁸

⁵ Bicycle Coalition of Greater Philadelphia analysis of DVRPC data on bicycle crashes 2009-2016.

⁶ Delaware Valley Regional Planning Commission. “[Pedestrian and Bicycle Counts](#).” 2018.

⁷ Bicycle Coalition of Greater Philadelphia. “[2017 Bike PHL Facts](#).” 2018.

⁸ American Association of State Highway and Transportation Officials. “Guide for the Development of Bicycle Facilities.” 2012.