

UC Berkeley

Cal-in-Sac Undergraduate Research Products

Title

Building Safer Streets for Bicyclists: Lessons from Berkeley's Milvia Street Bikeway

Permalink

<https://escholarship.org/uc/item/4h8057w8>

Author

Hamidi, Laila

Publication Date

2024-08-29

Laila Hamidi

July 31, 2024

2024 Cal-in-Sacramento Undergraduate Research Project

Project Title:

Building Safer Streets for Bicyclists: Lessons from Berkeley's Milvia Street Bikeway

Project Description:

Over a span of five decades, the city of Berkeley, California, has gained a reputation as a haven for recreational and commuter cycling thanks to its active college town culture and unique network of neighborhood cycle routes. But what happens when sharrows and road signs are no longer enough to protect cyclists?

In 2022, the City of Berkeley transformed one of the most dangerous segments of its bicycle network by building a protected bikeway. This [StoryMap](#) analyzes how the Milvia Street Bikeway, which runs through the heart of Downtown Berkeley, has impacted safety for cyclists. I combine spatial analysis of bicycle collisions with emerging data from web-based sources on how cyclists perceive their own safety along the bikeway. Using these findings, I provide recommendations for how future bicycle infrastructure projects in Berkeley can be planned and implemented to achieve the goal of bikeable streets for all.