

# **The Ultimate Guide to Urban Bikeway Design: Second Edition**

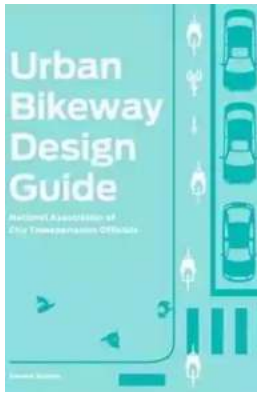
Are you tired of sitting in traffic, spending hours on end behind the wheel? Do you long for a more efficient, cost-effective, and environmentally-friendly mode of transportation? Look no further than the world of urban biking. With cities across the globe embracing the benefits of cycling, it's time to take a closer look at the Urban Bikeway Design Guide Second Edition and unlock the secrets to building a truly bike-friendly city.

## **The Rise of Urban Biking**

In recent years, there has been a significant surge in urban biking. Gone are the days when bikes were seen solely as recreational vehicles. Today, people are turning to cycling as a primary mode of transportation, especially in bustling urban centers. The benefits are undeniable – reduced traffic congestion, improved air quality, enhanced public health, and a boost to local economies. It's no wonder cities and towns are investing in infrastructure to accommodate this growing trend.

## **Introducing the Urban Bikeway Design Guide**

The Urban Bikeway Design Guide is an essential resource for anyone involved in urban planning and transportation engineering. Published by the National Association of City Transportation Officials (NACTO), this guide provides a detailed blueprint for designing safe and efficient bikeways, ensuring the seamless integration of bicycles into the urban fabric.



## Urban Bikeway Design Guide, Second Edition

by National Association of City Transportation Officials(Second Edition, Kindle Edition)

★★★★☆ 4.8 out of 5

Language : English  
File size : 94372 KB  
Text-to-Speech : Enabled  
Enhanced typesetting : Enabled  
Word Wise : Enabled  
Print length : 210 pages  
Screen Reader : Supported



The recently released second edition builds upon the success of the original guide, incorporating new research, best practices, and lessons learned from cities around the world. It serves as a comprehensive manual, providing designers with the knowledge and tools necessary to create a robust cycling network that prioritizes safety and accessibility.

### Key Features of the Second Edition

The Urban Bikeway Design Guide Second Edition offers a wealth of practical information and guidance, covering a wide range of topics related to urban bikeway design. Let's explore some of the key features in detail:

#### 1. Bicycle Facility Selection

Choosing the most appropriate type of bicycle facility for a given context is crucial to the success of any bikeway project. The guide provides an in-depth analysis of various facility types, such as protected bike lanes, buffered bike lanes, and shared roadways. By understanding the benefits and constraints of each option,

designers can make informed decisions that align with the specific needs of their city.

## **2. Intersection Design**

One of the most challenging aspects of urban bikeway design is creating safe and efficient intersections. The second edition delves into intersection design considerations, offering practical strategies for managing conflicts between cyclists, pedestrians, and motor vehicles. By implementing advanced intersection designs, cities can enhance the overall safety and functionality of their bikeway network.

## **3. Signalization and Signage**

Proper signalization and signage are critical for guiding cyclists along their intended route and ensuring their visibility to other road users. The guide provides detailed recommendations for traffic signals, pavement markings, and signage, aimed at enhancing safety and reducing conflicts. By implementing these guidelines, cities can create a cohesive and user-friendly cycling infrastructure.

## **4. Innovative Bikeway Designs**

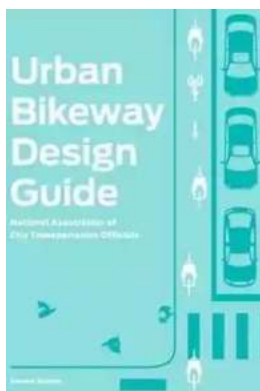
Innovation plays a vital role in the evolution of urban bikeway design. The second edition showcases the latest innovative bikeway concepts and case studies from cities around the world. From raised cycle tracks to bicycle boulevards, these cutting-edge designs inspire and challenge designers to think outside the box, encouraging the creation of truly remarkable cycling infrastructure.

## **The Impact of the Second Edition**

Since its release, the Urban Bikeway Design Guide Second Edition has been widely embraced by cities and transportation professionals. It has not only contributed to the improvement of existing bikeway projects but has also played a

significant role in shaping the future of urban planning. The guide's emphasis on safety, accessibility, and innovation has revolutionized the way cities approach cycling infrastructure, making urban biking a viable and attractive option for residents and visitors alike.

The Urban Bikeway Design Guide Second Edition is an invaluable tool for anyone interested in making their city more bike-friendly. By following its recommendations and implementing best practices, cities can create a comprehensive, safe, and interconnected bikeway network, revolutionizing the way people travel and transforming urban environments into vibrant, sustainable communities. Join the movement today and be a part of the urban biking revolution!



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The NACTO Urban Bikeway Design Guide, Second Edition, is based on the experience of the best cycling cities in the world. Completely re-designed with an accessible, four-color layout, this second edition continues to build upon the fast-changing state of the practice at the local level. The designs in this book were

developed by cities for cities, since unique urban streets require innovative solutions.

To create the Guide, the authors conducted an extensive worldwide literature search from design guidelines and real-life experience. They worked closely with a panel of urban bikeway planning professionals from NACTO member cities and from numerous other cities worldwide, as well as traffic engineers, planners, and academics with deep experience in urban bikeway applications. The Guide offers substantive guidance for cities seeking to improve bicycle transportation in places where competing demands for the use of the right-of-way present unique challenges.

First and foremost, the NACTO Urban Bikeway Design Guide, Second Edition will help practitioners make good decisions about urban bikeway design. The treatments outlined in this updated Guide are based on real-life experience in the world's most bicycle friendly cities and have been selected because of their utility in helping cities meet their goals related to bicycle transportation. Praised by Former Transportation Secretary Ray LaHood as an “extraordinary piece of work,” the Guide is an indispensable tool every planner must have for their daily transportation design work.



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