

# BICYCLES & PEDESTRIANS

## CONTRA-FLOW BIKE LANE

*ISU Campus, Ames, IA*

## BUILDING ACTIVE TRANSPORTATION NETWORKS

Active transportation planning and design are about more than providing bicycle and pedestrian infrastructure. They're about building safe, efficient, and attractive multimodal networks for users of all ages and physical abilities. From promoting health and fitness to reducing traffic congestion and environmental impact, multimodal transportation is vital to community well-being and sustainability.

Focusing on complete streets concepts, ADA compliance, and user comfort, we create active transportation networks that encourage and support equitable mobility.

## MULTIMODAL ACCOMMODATION

Ample sidewalk widths, bike lanes, and streetscapes can be integrated within a motorized transportation network to create an easily navigable community for all modes of transportation.

After assessing your current infrastructure, we'll analyze existing and future land use and traffic operations, identify areas for improvement, and create strategic solutions for multimodal accommodation.

We strive for universal design solutions for a full range of mobility beyond accommodation, which requires thoughtful concepts and community engagement at the onset of project planning.



**TRANSPORTATION**  
BICYCLES & PEDESTRIANS  
FREIGHT RAIL  
PUBLIC TRANSIT  
STREETS & HIGHWAYS  
TRAFFIC ENGINEERING



## ALL-MODE ACCOMMODATION

*Des Moines, IA*



## HOW WE CAN HELP

### PLANNING

We can help determine efficient routes and select the appropriate facility to streamline safe and comfortable non-motorized travel.

### INTERSECTION TREATMENTS

Safety is the number one concern when multiple modes of transportation meet. Utilizing years of experience, we provide intersection designs that are intuitive for users to navigate with confidence.

### MULTI-USE TRAILS & SIDE PATHS

Having accomplished over 300 miles of trails and sidepaths, we've developed keen insight into how they complement on-street accommodations and provide unique cycling experiences.

### WAYFINDING SIGNAGE

We identify wayfinding needs and develop signage systems for a user-friendly navigation experience. Signs including network maps, destinations, distance, and estimated travel time encourage additional and longer biking or walking trips.

### BICYCLE PARKING

Destination facilities are an essential element of active transportation networks. Our bicycle parking design services target locations that are close to building entrances, visible from inside, and protected from the weather. The bike racks we use range from simple and functional to creative and unique without sacrificing bike support or the ability to lock through a wheel and frame.

### TRAILHEAD DESIGN & AMENITIES

Our trailhead designs combine community character, exhibited through custom details or restoration of historic sites, with practical necessities such as shelters, drinking fountains, benches, and restrooms.

### ADA COMPLIANCE

Our ADA-compliance experts will ensure that people of all abilities can safely and efficiently move throughout your community. We offer creative, yet compliant, solutions to common challenges such as working within limited right-of-way or near historic features.