

# PUBLIC TRANSIT



## SERVICE PLANNING

*Des Moines Area Regional  
Transit Authority*

## CREATING COMPLETE TRANSPORTATION NETWORKS

Transit system success depends on route network and structure, service levels, facility design, multimodal infrastructure, technology, and other elements. Our background working with transit-dependent populations to overcome mobility issues gives us a unique perspective of the complete passenger transportation network including:

- Non-emergency medical transportation
- Volunteer driving programs
- Demand-response & fixed-route transit
- Human service agency transportation

## DIVERSE TRANSIT EXPERIENCE

Our experience includes traffic analysis and complete street design, along with on-board traffic survey and mapping. We've also provided engineering expertise for the development of multimodal transportation centers and transit facility expansions. In addition to skilled engineers, we have a team of experienced planners that can guide all aspects of transit planning, park-and-ride planning and development, and transportation studies. Previous project success includes several transit-related projects for CyRide on the Iowa State University campus.



## TRANSPORTATION

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





## INTERMODAL HUB

*Ames, IA*

### HOW WE CAN HELP

#### TRANSPORTATION PLANNING

Understanding your community's transportation needs is a complex process, and multiple stakeholders with diverse mobility needs require diverse solutions. Working with transit agencies, human service agencies, businesses, and user groups, we identify opportunities to increase community mobility.

#### SERVICE PLANNING

We can help identify route and system improvements to increase ridership and service efficiency. Our approach to identify improvements is research-driven, using our knowledge of available data and a background in mobility management to develop solutions to work for all community members.

#### PARK-AND-RIDE PLANNING & DESIGN

To determine ideal park-and-ride locations, we combine a data-driven process, to consider regional commute patterns, with an intelligent design process for accommodating different modes of travel.

#### GIS MAPPING & ANALYSIS

We utilize technology to provide spatial analysis and easy to use at-a-glance maps.

#### PUBLIC ENGAGEMENT

Our public engagement materials and meeting facilitation techniques are created to maximize productivity.

#### TRAFFIC OPERATIONS

We develop surveys and passenger counts to accurately reflect ridership in addition to identifying traffic operations and safety improvements for transit facilities or corridors.

#### STRUCTURAL ENGINEERING

Vast experience with institutional and municipal projects helps us create smart, functional designs for vertical infrastructure projects.

#### LEED DOCUMENTATION

Transit facilities offer various LEED credits under the Location and Transportation Category of LEED version 4. Our LEED accredited professionals can assist with site planning and documentation for LEED credits.