

TRANSCEND

open road to discovery | research | development | testing



COME WORK WITH US

Western Transportation Institute works with all types of clients, sponsors and partners to conduct relevant contemporary research.

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RESEARCH

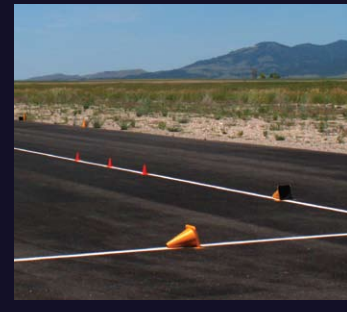
Investigate rural transportation challenges in a natural cold-region research environment.

DEVELOPMENT

Explore innovative solutions using a multi-disciplinary approach.

TESTING

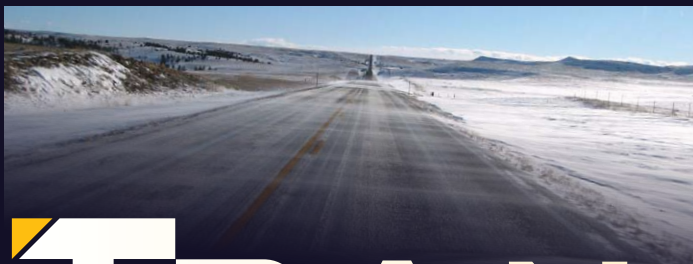
Create custom, large-scale, product or equipment testing environments.



BROCHURE DESIGN BY MSU PUBLICATION & GRAPHICS



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TRANSCEND UTILIZES

TO OVERCOME TRANSPORTATION CHALLENGES,

- 230 ACRES WITH 4 MILES OF TEST TRACK
- WINTER TESTING ENVIRONMENT WITH SNOW-MAKING EQUIPMENT
- ROADSIDE ANIMAL DETECTION SYSTEM TEST BED
- DATA ACQUISITION & COMMUNICATION INFRASTRUCTURE
- HEATED GARAGE SPACE
- HUMAN SUBJECTS HANDLING



Transcend is a research facility focused on solving rural transportation challenges.

We are reaching a point in history where solving transportation issues in the rural environment is more important than ever. Not only do rural roads and highways make up the overwhelming majority of paved and unpaved roads in our nation, they are used more and more by growing populations, are in areas with fewer resources and services, and are used by people who face larger transportation issues than ever before. Transcend will play a key role in developing solutions to everyday problems without disrupting or harming the travelling public.



current work

Research

- SAFETY & OPERATIONS
- INFRASTRUCTURE MAINTENANCE & MATERIALS
- HUMAN FACTORS
- WINTER MAINTENANCE & EFFECTS
- ROAD ECOLOGY

Development

- SYSTEMS ENGINEERING, DEVELOPMENT & INTEGRATION
- SPECIALIZED DRIVER TRAINING
- SENSOR DESIGN
- RECYCLED MATERIALS UTILIZATION

Testing

- VEHICLE INFRASTRUCTURE INTEGRATION
- INTELLIGENT TRANSPORTATION SYSTEMS
- PRODUCT TESTING
- WINTER DRIVING CONDITIONS
- INFRASTRUCTURE CORROSION

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