



NRRRA

National Road Research Alliance

Strategic Implementation Through Cooperative Pavement Research

After two decades of groundbreaking road research, the MnROAD pavement test track is ready for the next stage of its journey. Minnesota is looking for departments of transportation nationwide, as well as industry professionals and academics, to participate in determining the future of MnROAD pavement research through the National Road Research Alliance (NRRRA) pooled fund study. The goal of the NRRRA is to help agencies nationwide achieve similar benefits from real world road research, and to provide industry and academia a facility for evaluating cutting-edge pavement technologies.

“Partnerships will be essential to determining MnROAD research needs, direction and funding for the future. We want to do research that can be used by a wide range of customers throughout the world.”

Glenn Engstrom
NRRRA Executive Chair, MnDOT

REAL WORLD ROAD RESEARCH

MnROAD TEST TRACK

MnROAD is a state-of-the-art outdoor pavement research facility consisting of over 50 instrumented test cells comprising various combinations of road building materials and designs, which has been in operation since 1994. The test track includes:

- 3.5-mile mainline interstate consisting of live traffic (29,000 vehicles/day).
- 2.6-mile low-volume closed loop where controlled traffic simulate city and county conditions.

BENEFITS

MnROAD is estimated to have a produced savings in Minnesota of:

- Phase I (1994- 2006) - \$33 million/year - (9/1 B/C ratio)
- Phase II (2007-2015) - \$10.3 million/year - (4/1 B/C ratio)
- Phase III (2016-20XX) – Expect similar benefits for NRRRA members

WHY JOIN THE STUDY?

- Leverage \$2.5 million in Minnesota construction funding to meet your pavement research needs.
- Collaborate with transportation agencies, industry and academia to test cutting edge pavement technologies in real time.
- Promote solutions for local, regional and national research needs.
- Include implementation strategies and training into research projects from the beginning.
- Save millions by implementing research results in your state with the NRRRA's support.