NCIT WEBINAR SERIES

Realtime Concrete Research at MnROAD Research Facility: Successes and Current Initiatives

Bernard Igbafen Izevbekhai P.E., Ph.D

MnDOT Research Operations Engineer

Tuesday, June 30
1:30-2:30 PM CT

To register, scan the QR code or visit:
https://ncit.pvamu.edu/events/june-30-2026-webinar

ABSTRACT

The MnROAD Research Facility was established by the Minnesota Department of Transportation to advance pavement design beyond the limitations of the AASHO Road Test. Since opening to traffic in 1994, MnROAD has served as a leading test site for innovative materials, designs, and construction practices.

Over three decades, the facility has contributed significantly to safer, more durable, resilient, and quieter pavements. This presentation highlights key MnROAD initiatives, major findings that have influenced concrete pavement technology nationwide and globally, and upcoming research plans for future test sections.

BIO

Dr. Bernard Igbafen Izevbekhai is a Research Operations Engineer at the Minnesota Department of Transportation, leading efforts in concrete and geotechnical research and infrastructure performance analytics. His work focuses on mathematical modeling, stochastic systems, and infrastructure reliability.

He holds multiple degrees in civil and infrastructure engineering, including a Ph.D. from the University of Minnesota, and is a licensed Professional Engineer in Minnesota. In 2024, he received the ACPA Marlin J. Knutsen Technical Achievement Award for advancing concrete pavement technologies.

Dr. Izevbekhai has led impactful research recognized nationally and internationally, with numerous publications and award-winning contributions to pavement engineering.

*Phonetic Pronunciation: Ease Eh Wake High

DEPARTMENT OF TRANSPORTATION

NCIT National Center for INFRASTRUCTURE TRANSFORMATION Led by: Prairie View A&M University

UTC 1987 2026

USDOT Grant # 69A3552344813 and 69A3552348318