

TREAT Mobile Lab

Teaching and Researching Emulsified Asphalt and Treatments



Date: June 23-25, 2026

Location: Otsego, MN → at MnROAD!

Treatment sections: 3 slurry seal, 3 chip seal

Soap solution manufactured: CRS-2

On June 22, 2026, Andrew Braham, Tanner Turben (PhD student), Rasool Fazeli (MS student), Daniel Davidson (Master Scientific Research Tech), and Joey Eiland (Scientific Research Technologist) traveled to Otsego, Minnesota, to visit the Minnesota Department of Transportation (MnDOT) for three sets of TREAT Day of Training (DoT). This trip was sponsored by AIEI and Bergkamp. Approximately 21 professionals attended a full DoT with an administrator focus, while approximately 47 professionals attended a full DoT with an engineering focus. The professionals included state and local agency representatives, material suppliers, and consultants. This training was special as it was held at MnROAD, one of the world's premier roadway research institutions. Figure 1 shows the team in front of the MnROAD sign.



Figure 1 – The team (Joey, Daniel, Tanner, Rasool) at MnROAD

In Otsego, both Tanner and Rasool again had the opportunity to teach a portion of the classroom session. Tanner provided an introduction to asphalt emulsion, while Rasool introduced the various asphalt emulsion based pavement maintenance and rehabilitation treatments. Figure 2 shows Tanner and Rasool in front of the participants.

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Figure 2 – Tanner (left) and Rasool (right) teaching at MnROAD

There were two exciting events during the DoTs. First, since we placed the three chip sections and three slurry sections at MnROAD, they were surveyed and entered into MnROAD's archive. To be an official part of MnROAD was a tremendous honor, and quite exciting for the TREAT team. Second, the Innoptus Solar Team from Belgium was also on site, and took a couple of laps around the test loop. It was exciting to not only see the solar car in action, but to have it share space with the TREAT Mobile Lab. Figure 3 shows the surveying and solar car activity. Thank you to AIEI for the financial support of the training, Bergkamp for providing lunch, and MnDOT for hosting three great days in Otsego at MnROAD!



Figure 3 – top left clockwise: the solar car with the chase van going around MnROAD's track, one of the six placed sections being surveyed by MnROAD (a slurry seal section), and the solar car being loaded in front of the TREAT manufacturing trailer and truck