

TREAT Mobile Lab

Teaching and Researching Emulsified Asphalt and Treatments



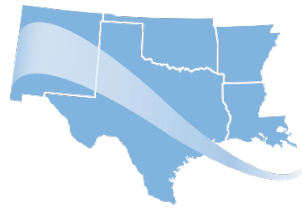
The UNIVERSITY of OKLAHOMA

Date: October 31, 2025

Location: Fayetteville, AR

Treatment sections: 5 mix treatments

Emulsions manufactured: None



SOUTHERN PLAINS
TRANSPORTATION CENTER

On October 31, the University of Oklahoma (OU) visited the University of Arkansas (UA) in Fayetteville, AR. Khalida Muntaher, Kenneth Hobson, and Nawaraj Rai visited from OU. Andrew Braham, Tanner Turben, Rasool Fazeli, Amarjeet Tiwari, Toluwanimi Ogundipe, and Chandra Vaddy participated from UA. OU placed three mix treatments, all ISSA Type III gradation: 1) CSS-1P emulsion, granite agg, 2) CSS-1P emulsion, minechat agg, and 3) proprietary clear emulsion, minechat agg. UA placed two mix treatments, both ISSA Type II gradation with limestone agg: 1) CQS-1H emulsion, and 2) 50% CQS-1H emulsion and 50% CSS-1 emulsion. These sections were placed on a road that will experience extremely low traffic volumes, but the surface showed no distresses and only slight oxidation. The figure below, from left to right and down, shows the placement of the proprietary clear emulsion, the placement of the CSS-1P emulsion with minechat, and the final five sections. Over time, performance will be collected on these five sections.

