

**Physical Presence is <u>Required</u>** 

CENTER FOR RESEARCH & EDUCATION IN ADVANCED TRANSPORTATION ENGINEERING SYSTEMS

## Laboratory Evaluation of Fiber Reinforced Asphalt Mix Using Lab and Plant Mixed Materials

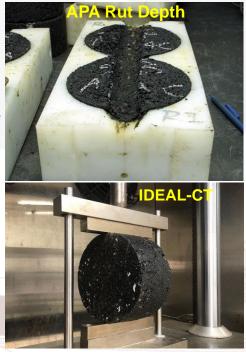
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**Goal** is to evaluate the performance of fiber reinforced asphalt mixtures for cold regions. Plant and lab mixed materials will be evaluated to figure out the low

temperature cracking, fatigue cracking and rutting. (4 CEE Students)

In this work, following tasks will be performed over the next academic year:

- Performance measurement of lab and plant mixed material: Cracking performance at 25° C (IDEAL-CT, Texas Overlay), Cracking performance at intermediate temperature (SCB), Low-temperature cracking at -18° C(DCT), Fatigue at 20° C (4-point bending beam test) and rutting performance at 64° C (APA) calibration.
- Data compilation and analysis
- Rank performance for different fiber types.
- Write up and Analysis





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