

# Superpave Mixture Analysis (SF) Class Agenda

## Feb. 8-10, 2021

### Day 1 / Monday

*(Zoom from Fielder 0087 Studio)*

- 1:00 Welcome, Introduction and Review of Superpave Work Book (*Mustaque Hossain, Ph.D., P.E., Munger Professor, Dept. of Civil Engineering, Kansas State University*)
- 1:10 Introduction to Superpave (*Hossain*)
- 1:25 Superpave Aggregates (*Hossain*)
- 2:00 Sampling and Splitting (*Chuck Espinoza, KDOT*)
- 2:15 Superpave Gyrotory Compaction (*Hossain*)
- 2:45 Break**
- 2:50 Rice Specific Gravity (Gmm) Test (*Glenn Fager, P.E., Bartlett & West, Inc.*)
- 3:20 Ignition Oven Test (*Fager*)
- 3:50 Break**
- 4:00 Moisture Susceptibility Test (*Espinoza and Fager*)
- 4:45 Preparation and Instruction for Laboratory Test (*Hossain*)

**Day 2 / Tuesday**  
***(Zoom from Fielder 0087 and 2144 Studios)***

- 8:00      Review of Lab Tests Via Performance Test Questionnaire  
*(Espinoza)*
- 9:00      Written Test (Lab Part Only) *(Canvas Pro)***
- 9:30      Break**
- 9:40      Superpave – Symbols & Terminology *(Hossain)*
- 10:30     Superpave Mixture Volumetrics *(Steven Houser, P.E.,  
Asphalt Research Engineer, KDOT)*
- 11:15     Break
- 11:20     Field Aspect of Superpave Mixture *(Blair Heptig, Field  
Engineer, Bureau of Construction & Materials, KDOT)*
- 11:45     Demonstration of KDOT’s QCSublot Excel Spreadsheet  
*(Heptig)*
- 12:00     Lunch**
- 1:00      Superpave Data Analysis & Interpretation *(Hossain)*
- 2:00      Demonstration of Software for Calculation *(Heptig)*
- 2:30      Break**
- 2:40      Data Analysis & Interpretation by Groups *(Hossain &  
Students)*
- 5:00      Adjourn

## **Day 3/ Wednesday**

**8:00**      **Written Test (*Lab Part not included*) (*Canvas Pro*)**