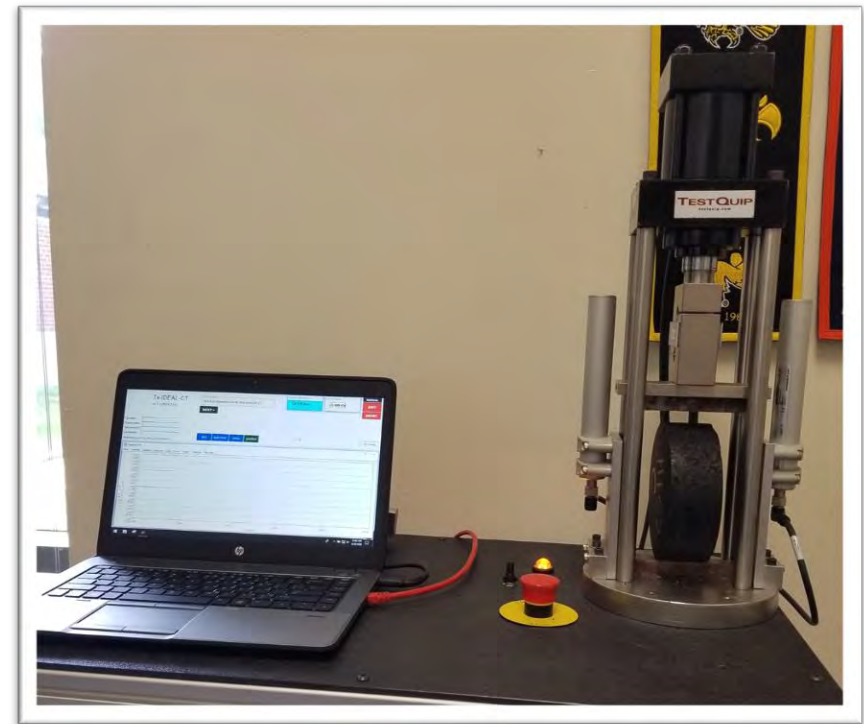


IDEAL Plus

The Most Accurate and Easy to Use Asphalt Crack Testing

- Accurate Crack Testing
 - The IDEAL Plus Load Frame
 - The Hydraulic Advantage
- Easy
 - Client Experiences
 - Troxler Experience



IDEAL Plus

The Most Accurate and Easy to Use Asphalt Crack Testing

- **Load Frame**

- Measures displacement of sample
- LLD (Load-Line Displacement)

- **Without Fail**

- ASTM D8225 4.1”... The load is applied such that a constant **load-line displacement (LLD)** rate of 50.0 ± 2.0 mm/min is obtained and maintained for the duration of the test. ...”

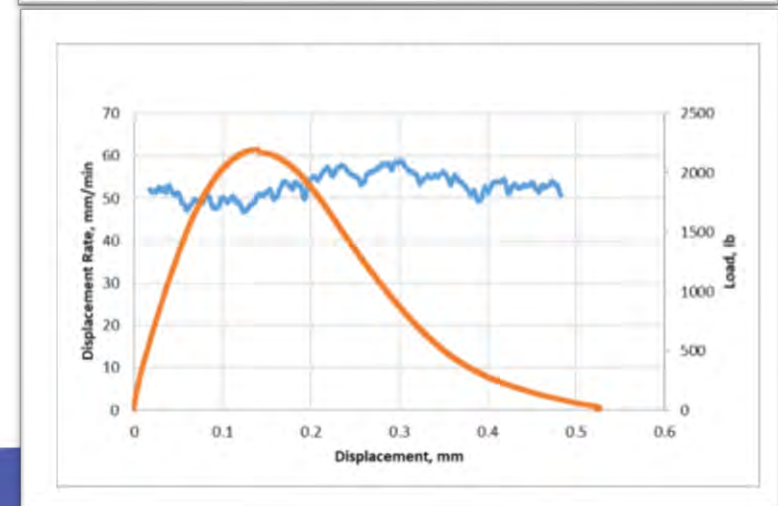
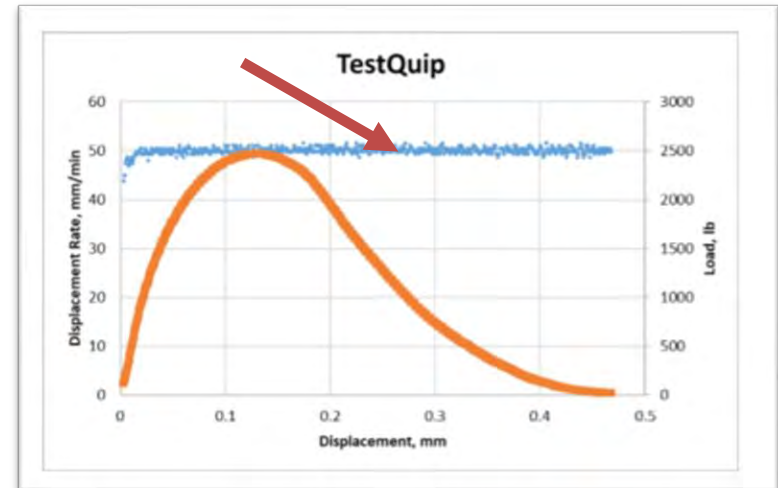


IDEAL Plus

The Most Accurate and Easy to Use Asphalt Crack Testing

The Hydraulic Advantage

- **Accurate Crack Testing**
 - Rate Adjustment (0.05 second)
 - Allows for a feedback loop
- **Without Fail**
 - ASTM D8225-19
 - 4.1”... The load is applied such that a constant load-line displacement (LLD) rate of 50.0 ± 2.0 mm/min is obtained and maintained for the duration of the test. ...”
 - 6.1.1 “...screw-driven frame may be used if it can maintain the constant deformation rate.”

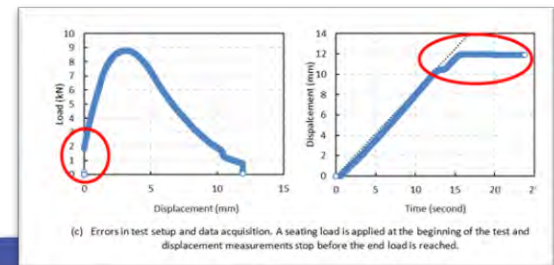
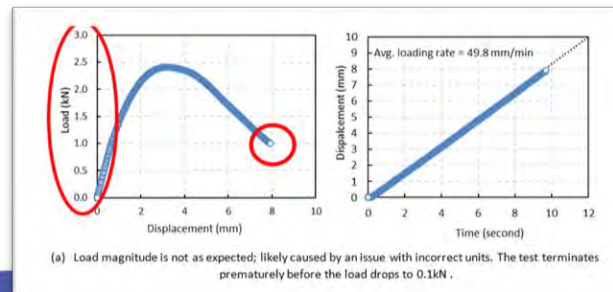
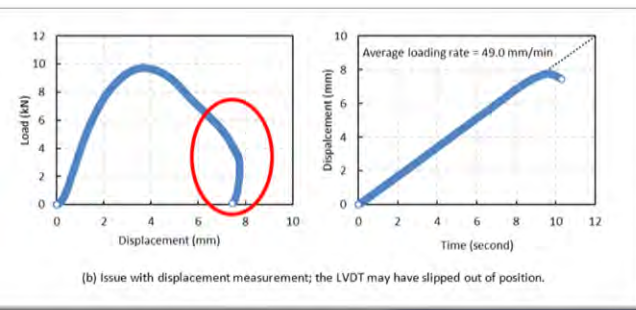
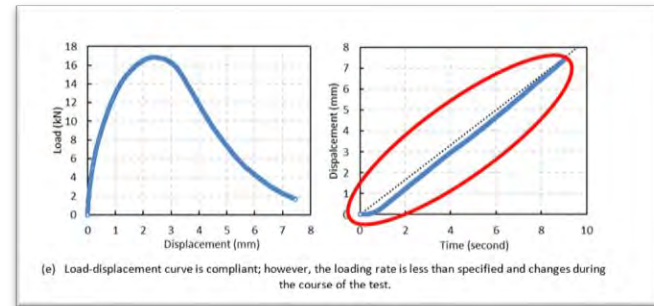
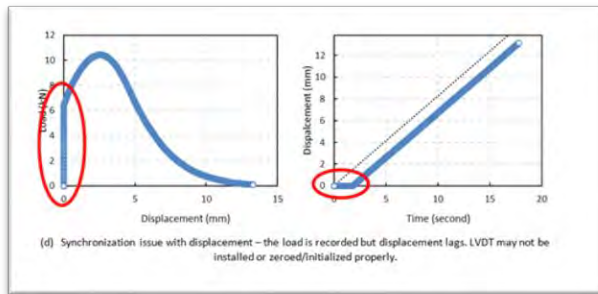
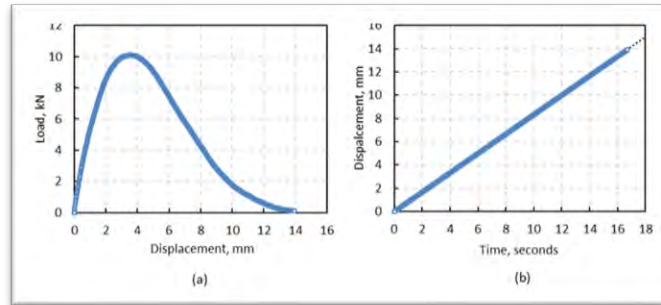


IDEAL Plus

The Most Accurate and Easy to Use Asphalt Crack Testing

Easy To Use

- Customer Experience
 - Correct Displacement
 - Correct Velocity



IDEAL Plus

The Most Accurate and Easy to Use Asphalt Crack Testing Easy to Use

Troxler Experience

- Software
 - Easy to use
 - Accurate
 - Automatic reporting and saving
 - New This Summer
 - Batching Function
 - RRT
- Quality Without Extra Cost
 - Free Customer Q&A
 - Multiple Tests
 - IDEAL CT
 - **TSR**
 - I-FIT



- Troxler Quality
 - Quick Response
 - **Proactive Calibrations**
 - Highest Quality Calibrations
- Always Innovating
 - **User Feedback**
 - Working with Asphalt Technical Associations (**NCAT**, **AAPT**, **ASTM**, **AASHTO**, **DOTs**, **Contractors**, etc.)

IDEAL Plus

The Most Accurate and Easy to Use Asphalt Crack Testing

Easy to Use Testimonial



VDOT purchased nine (9) IDEAL Plus machines for their districts – May 2020.

“We are making great use of the machine for IDEAL-CT and IDEAL-RT testing. I am aware of a few districts also loving the machine and they were performing IDEAL-CT tests on all their surface mixes this Summer regardless of it being designed following the BMD approach or not.”

“The manuals that you shared with us are super helpful (who ever prepared them did a great job). Because not all of our technicians have a pavement background, I usually have to spend hours and hours training people.”

IDEAL Plus

The Most Accurate and Easy to Use Asphalt Crack Testing

Questions?

Demonstrations during the Break

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