

OPERATOR CHECKLIST

Tire pressure is within manufacturer's recommendation

Laser sensors are aligned correctly

The right side laser sensor alignment is measured two feet from the center of the right side pavement marking. If two sensors are mounted, the left side sensor will be adjusted so it is positioned 72 inches center to center from the right side sensor.

Equipment certification is current

MDOT certification tags are located on the rear gate of John Deere style light weight profilers. On the inside of the instrumentation box of the SSI highspeed trailer. On the

Horizontal distance measurement instrument has been calibrated and verified

The distance measuring device DMI is be calibrated using a horizontal test site 528 feet in length. After the DMI is calibrated the test site is measured three times. The average of the three measurements must be less than +/- 0.1% of the actual test section length, or +/- 0.5 feet, using a test site 528 feet in length.

Bounce test has been completed and verified

Laser sensors are operational and validated for accuracy

Laser sensors are validated for accuracy using manufacturer procedures outlined in Michigan Test Method MTM 730-02, section 6.1. Height readings for each sensor calibrated must be within +/- 0.01 inches of the actual calibration block thickness..

Profiler date and time stamp are correct

Profiler is set up to collect data using english units

Star, stop and exclude functions are enabled

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A data file storage location has been identified and created

Ride point of beginning, ending have been identified

Point of beginning and ending for predetermined exclusions have been identified

Point of beginning and ending for project specific exclusions have been identified

Bounce test has been completed and verified

Laser sensors are operational and validated for accuracy

Profiler date and time stamp are correct

