

OPERATOR RIDE ACCEPTANCE CHECKLIST

Control Section _____

Date _____

Job Number _____

Route _____

Profiler Make and Certification number _____

Tire pressure is within manufacturer's recommendation

Laser sensors are correctly aligned

The right side laser sensor is aligned approximately three 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

Typically MDOT certification tags are located on the inside of the inside of the profiler computer case. However, certification tags may also be affixed at other locations on the profiler equipment. Owner representatives should be familiar with the location of certification stickers.

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 correctly calibrated the test site is measured for horizontal distance. The final measure must be within +/- 0.1% of the actual test section length, or +/- 0.5 feet, when using a test site 528 feet long.

Bounce test has been completed and verified

Laser sensors are operational and validated for accuracy

Laser sensors are validated for accuracy using manufacturer recommended procedures or steps 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..

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Profiler date and time stamp are correct

Profiler is set up to collect data using English units

Start, stop and exclude functions are enabled

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