

2020 Inertial Profiler Information Form

Date: 8-13-2020

Operator(s): Tony Pierce

Vendor: SSI

Profiler Type: High Speed

Picture of Device:



VIN (last four #): 8634

Left Sensor:

Type: Line Laser
Serial #: 10534

Right Sensor:

Type: Line Laser
Serial #: 10536

Software Version: 3.3.13.57

DMI: Wheel-mounted Encoder

Collection Speed: 30-55 mph

SSI Profiler Version 3.3.13.57
Licensed to Harddrives Inc. - Rogers, MN

Data File: M-30-1.rsd

Stations:

Run Speed (Avg, Max, Min):

Run 1 - 37.5, 39.5, 33.1 mph

Total Distance:

Date [Paved/Corrected]:

Run 1 - 8/12/2020 10:01:22 AM

Date Tested:

Run 1 - 8/13/2020 10:01:22 AM

File Modifications:

Run 1 - No Modifications Found

Project Parameters

Traffic Direction: NB

Number of Lanes: 1

Calibration Settings

Distance: encoder counts in 1000.0 ft

Track 1:

Height Sensor Type: RoLine 1145, Gocator
2342/1150/1350

Height Sensor Level Reading: 4.21 in.

Accelerometer Constant: 14670.298

Track 2:

Height Sensor Type: RoLine 1145, Gocator
2342/1150/1350

Height Sensor Level Reading: 4.71 in.

Accelerometer Constant: 13142.2365

Filter Settings

Filter Type: None

Localized Roughness Settings

Simulated Profilograph Data Used for Defects
Analysis

Excluding Defects Less than: 2.0 ft

Bump Height: 0.40 in

Bump Width: 25.00 ft