

2021 Inertial Profiler Information Form

Date: 5-11-2021

Operator(s): Tony Pierce

Vendor: SSI

Profiler Type: High Speed

Picture of Device:



VIN (last four #): 3782

Left Sensor:

Type: Line Laser

Serial #: 95575 (front) & 95290 (rear)

Right Sensor:

Type: Line Laser

Serial #: 95274 (front) & 96144 (rear)

Software Version: 3.3.13.76

DMI: Wheel-mounted Encoder

Collection Speed: 30-55 mph

Data File: Rough 8.rsd

Stations: Run 1 - 0+00.0 to

Run Speed (Avg, Max, Min):

Run 1 - 47.4, 49.8, 44.5 mph

Total Distance: 1

Date [Paved/Corrected]:

Run 1 - 5/11/2021 11:24:54 AM

Date Tested:

Run 1 - 5/11/2021 11:24:54 AM

File Modifications:

Run 1 - No Modifications Found

Project Parameters

Traffic Direction: NB

Number of Lanes: 1

Calibration Settings

Distance:

Track 1:

Front Laser Type: Zero-Speed Gocator

Front Laser Level Reading: 0.00 in.

Back Laser Type: Zero-Speed Gocator

Back Laser Level Reading: 0.00 in.

Accelerometer Constant: 9417.2995

Track 2:

Front Laser Type: Zero-Speed Gocator

Front Laser Level Reading: 0.00 in.

Back Laser Type: Zero-Speed Gocator

Back Laser Level Reading: 0.00 in.

Accelerometer Constant: 8709.9185

IMU/Inclinometer:

Type: Advanced IMU

Roll Level Reading: 0.0000 rad.

Pitch Level Reading: 0.0000 rad.

Filter Settings

Filter Type: None

Localized Roughness Settings

IRI Data Used for Defects Analysis

IRI Threshold: 100.00 in/mi

Sliding Base Length: 25.00 ft