

2021 Inertial Profiler Information Form

Date: 5-4-2021

Operator(s): Kevin Olson

Vendor: SSI

Profiler Type: High Speed

Picture of Device:



VIN (last four #): 7148

Left Sensor:

Type: Line Laser

Serial #: 52350 (front) & 52347 (rear)

Right Sensor:

Type: Line Laser

Serial #: 93985 (front) & 94000 (rear)

Software Version: 3.3.13.76

DMI: GPS

Collection Speed: 45 mph

SSI Profiler Version 3.3.13.76
Licensed to Mathy Construction Company - Onalaska, Wisconsin

Data File: MNDOT 2021 Smooth 1.rsd

Stations: Run 1 - 0+00.0 to
Start GPS:
End GPS:

Run Speed (Avg, Max, Min):
Run 1 - 33.1, 38.4, 24.3 mph

Total Distance:

Date [Paved/Corrected]:
Run 1 - 5/4/2021 1:40:08 PM

Date Tested:
Run 1 - 5/4/2021 1:40:08 PM

File Modifications:
Run 1 - No Modifications Found

Project Parameters
Project Number: MNDOT 2021
State: MN
Contractor: Mathy
Traffic Direction: NB
Number of Lanes: 1
Operator: Kevin Olson
Driver: Kevin Olson
Report Specification: 2399
Equipment Number: 14-1253

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: 8520.403
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: 15955.3605
IMU/Inclinometer:
Type: Advanced IMU
Roll Level Reading: -0.0412 rad.
Pitch Level Reading: 0.0260 rad.

Filter Settings
Filter Type: None

Localized Roughness Settings
Defect Reporting Disabled