

2021 Inertial Profiler Information Form

Date: 5-4-2021

Operator(s): Curtis Meriam

Vendor: SSI

Profiler Type: High Speed

Picture of Device:



VIN (last four #): 8995

Left Sensor:

Type: Line Laser
Serial #: 21926

Right Sensor:

Type: Line Laser
Serial #: 21393

Software Version: 3.3.13.76

DMI: Wheel-mounted Encoder

Collection Speed: 50 mph

Data File: MnDot Cert Run5 2105100934.rsd

Stations: Run 1 -
Start GPS:
End GPS:

Run Speed (Avg, Max, Min):
Run 1 - 51.6, 51.7, 51.5 mph

Total Distance:

Date [Paved/Corrected]:
Run 1 - 5/9/2021 9:33:04 AM

Date Tested:
Run 1 - 5/10/2021 9:33:04 AM

File Modifications:
Run 1 - No Modifications Found

Project Parameters
Project Number: ****
State: Minnesota
Contractor: DSI
Pavement Type: Concrete
Traffic Direction: SB
Highway: Hwy 28
Number of Lanes: 1
Direction of Paving: North Bound
Operator: Curtis

Calibration Settings
Distance: 332141 encoder counts in 541.5 ft
Track 1:
Height Sensor Type: RoLine 1145, Gocator 2342/1150/1350
Height Sensor Level Reading: 6.89 in.
Accelerometer Constant: 8734.088
Track 2:
Height Sensor Type: RoLine 1145, Gocator 2342/1150/1350
Height Sensor Level Reading: 4.49 in.
Accelerometer Constant: 8437.1915

Filter Settings
Filter Type: None