

2020 Inertial Profiler Information Form

Date: 5-7-2020

Operator(s): Tony Johnson

Vendor: Ames

Profiler Type: Lightweight

Picture of Device:



VIN (last four #): 1224

Left Sensor:
Type: Line Laser
Serial #: 620506-1

Right Sensor:
Type: Line Laser
Serial #: 620506-2

Software Version: 5.5.1.79

DMI: Wheel-mounted Encoder

Collection Speed: 10 mph

Ames Engineering

Profiler

Software Version 5.5.1.79

SERIAL # 620506

MODEL # Model_6200

Company = PCi Roads
Operator = Tony Johnson
Certification # = 620506
Certification date = 05012019
Project = MnDOT Certification
Job =
County =
Division =
Resident =
Highway =
Lane =
Lane Location =
Pass =
Comments =

FILE

C:\Jobs\2020 Certification\Rough 1.adf

LOCALIZED ROUGHNESS

IRI threshold(in./mi.) = 175.00

IRI baselength(ft.) = 25.00

ANALYSIS SETTINGS

Low pass Filter(ft.) = 0.00

High pass Filter(ft.) = 0.00

Reduction Length(ft.) = 528

Horizontal Scale = 300 To 1

Paper Factor = 1.800

SENSOR SETTINGS

Sample rate = 12 samples/ft

Collection Speed(mph) = 11.52

Horizontal Cal. Divisor = 21

Horizontal Calibration = 322.742

Pre\Post Run Length = 300.00 ft

Autostart offset (in.) 0.000

ODS2 offset (in.) 0.000

SENSOR 1 FILTERS

Collection Filter (ft.) = 1,064.80

Analog Filter = 0.10 rad.

Anti-Aliasing Filter = 0 Hertz

SENSOR 2 FILTERS