2020 Inertial Profiler Information Form

Date: 5-7-2020
Operator(s): Tony Johnson
Vendor: Ames
Profiler Type: Lightweight

Picture of Device:

![Image of the 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