

2019 Inertial Profiler Information Form

Date: 5-7-2019

Operator(s): Jamie Hulett

Vendor: Ames

Profiler Type: Lightweight

Picture of Device:



VIN (last four #): 1068

Left Sensor:

Type: Line Laser
Serial #: 621208-1

Right Sensor:

Type: Line Laser
Serial #: 621208-2

Software Version: 6.0.4.123

DMI: Wheel-mounted Encoder

Collection Speed: 10 mph

Ames Engineering
Profiler

Software Version 6.0.4.123

SERIAL # 621208

MODEL # Model_6200

Company = PCi Roads
Operator = Jamie Hulett
Certification # =
Certification date = 5/7/2019
Project =
Job = 0
County =
Division =
Resident =
Highway =
Lane =
Lane Location =
Pass = 0
Comments =

FILE

...0507-Annual IP Certification-S1.ard

BUMP SETTINGS

Bump Height(in.) = 0.30

Bump Width(ft.) = 25.00

Bump Detection = On

Dip Detection = On

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

Vertical Scale = 1 To 1

Paper Factor = 1.800

SENSOR SETTINGS

Sample rate = 12 samples/ft

Collection Speed(mph) = 9.79

Horizontal Cal. Divisor = 21

Horizontal Calibration = 322.537

Pre\Post Run Length = 0.00 ft

LEFT SENSOR FILTERS

Collection Filter (ft.) = 904.77

Analog Filter = 0.10 rad.

Anti-Aliasing Filter = 0 Hertz

RIGHT SENSOR FILTERS

Collection Filter (ft.) = 904.77

Analog Filter = 0.10 rad.

Anti-Aliasing Filter = 0 Hertz