

2019 Inertial Profiler Information Form

Date: 5-7-2019

Operator(s): Jamie Hulett

Vendor: Ames

Profiler Type: Lightweight

Picture of Device:



VIN (last four #): 4628

Left Sensor:

Type: Line Laser

Serial #: 601305-1

Right Sensor:

Type: Line Laser

Serial #: 601305-2

Software Version: 6.0.4.153

DMI: Wheel-mounted Encoder

Collection Speed: 10 mph

Ames Engineering
Profiler

Software Version 6.0.4.153

SERIAL # 601305

MODEL # Model_6200

Company = PCi Roads

Operator =

Certification # =

Certification date =

Project =

Job = 0

County =

Division =

Resident =

Highway =

Lane =

Lane Location =

Pass = 0

Comments =

FILE

...507-Annual IP Certification-M-1.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) = 9.39

Horizontal Cal. Divisor = 21

Horizontal Calibration = 321.761

Pre/Post Run Length = 0.00 ft

LEFT SENSOR FILTERS

Collection Filter (ft.) = 867.58

Analog Filter = 0.10 rad.

Anti-Aliasing Filter = 0 Hertz

RIGHT SENSOR FILTERS

Collection Filter (ft.) = 867.58

Analog Filter = 0.10 rad.

Anti-Aliasing Filter = 0 Hertz