2019 Inertial Profiler Information Form

Date: 5-7-2019

Operator(s): Jamie Hulett

Vendor: Ames

Profiler Type: Lightweight

Picture of Device:

![Gemini Mower](image)

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
...307-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