

2017 Inertial Profiler Information Form

Date: 5-2-2017

Operator(s): Chad Lind

Vendor: Ames

Profiler Type: Lightweight

Picture of Device:



VIN: ~1100

Left Sensor:

Type: Line Laser

Serial #: 621108-1

Right Sensor:

Type: Line Laser

Serial #: 621108-2

DMI: Wheel-mounted Encoder

Software Version: 5.5.1.79

Ames Engineering Profiler

Software Version 5.5.1.79
SERIAL # 621108
MODEL # Model_6200

Company = Doyle Conner Co
Operator = Chad Lind
Certification # =
Certification date = 04282016
Project =
Job =
County =
Division =
Resident =
Highway =
Lane =
Lane Location =
Pass = Default
Comments = Default

FILE

C:\DCC Jobs\Test Files\MnDot 2017\mnroad
left laser0.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
Vertical Scale = 1 To 1
Paper Factor = 1.800

SENSOR SETTINGS

Sample rate = 12 samples/ft
Collection Speed(mph) = 8.27
Horizontal Cal. Divisor = 21
Horizontal Calibration = 325.301
Pre\Post Run Length = 120.00 ft
Autostart offset (in.) 0.000
ODS2 offset (in.) 0.000

SENSOR 1 FILTERS

Collection Filter (ft.) = 253.95
Analog filter = 0.30 rad.
Anti-Aliasing Filter = 0 Hertz

SENSOR 2 FILTERS

Collection Filter (ft.) = 253.95
Analog filter = 0.30 rad.
Anti-Aliasing Filter = 24 Hertz