

# 2017 Inertial Profiler Information Form

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Date: 5-10-2017

Operator(s): Corey Hilbrands

Vendor: Ames

Profiler Type: High Speed

Picture of Device:



VIN: ~7262

Left Sensor:

Type: Line Laser

Serial #: 830117-1

Right Sensor:

Type: Line Laser

Serial #: 830117-2

DMI: Wheel-mounted Encoder

Software Version: 6.0.4.153

Ames Engineering  
Profiler  
Software Version 6.0.4.153  
SERIAL # 830117  
MODEL # Model\_8300

Company = Central Specialties  
Operator =  
Certification # =  
Certification date =  
Project =  
Job = 0  
County =  
Division =  
Resident =  
Highway =  
Lane =  
Lane Location =  
Pass = 0  
Comments =

FILE

... 2017\MNROAD ASPHALT #1 ODS #16.ard

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) = 20.48

Horizontal Cal. Divisor = 21

Horizontal Calibration = 48.722

Pre\Post Run Length = 0.00 ft

LEFT SENSOR FILTERS

Collection Filter (ft.) = 1,893.09

Analog Filter = 0.10 rad.

Anti-Aliasing Filter = 0 Hertz

RIGHT SENSOR FILTERS

Collection Filter (ft.) = 1,893.09

Analog Filter = 0.10 rad.

Anti-Aliasing Filter = 0 Hertz