

# 2019 Inertial Profiler Information Form

Date: 4-29-2019

Operator(s): Greg Stein

Vendor: Ames

Profiler Type: High Speed

Picture of Device:



VIN (last four #): 7099

Left Sensor:

Type: Line Laser

Serial #: 820811-1

Right Sensor:

Type: Line Laser

Serial #: 820811-2

Backup Sensor:

Type: Line Laser

Serial #: 820811-3

Software Version: 6.0.4.109

DMI: GPS

Collection Speed: 30-55 mph

Ames Engineering

Profiler  
Software Version 6.0.4.109  
SERIAL # 820811  
MODEL # Model\_8200

Company = SPC  
Operator = Greg Stein  
Certification # =  
Certification date =  
Project =  
Job = 0  
County =  
Division =  
Resident =  
Highway =  
Lane =  
Lane Location =  
Pass = 0  
Comments =

## FILE

C:\JOBS 2016\MNROAD BIT TEST 2.ard

LOCALIZED ROUGHNESS           175.00  
IRI threshold(in./mi.) = ~~100.00~~  
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  
Paper Factor = 1.800

## SENSOR SETTINGS

Sample rate = 12 samples/ft  
Collection Speed(mph) = 32.93  
Horizontal Cal. Divisor = 21  
Horizontal Calibration = 48.768  
Pre\Post Run Length = 0.00 ft

## LEFT SENSOR FILTERS

Collection Filter (ft.) = 3,043.36  
Analog Filter = 0.10 rad.  
Anti-Aliasing Filter = 0 Hertz

## RIGHT SENSOR FILTERS

Collection Filter (ft.) = 3,043.36  
Analog Filter = 0.10 rad.  
Anti-Aliasing Filter = 0 Hertz