2020 Inertial Profiler Information Form

Date: 6-24-2020

Operator(s): Chad Lind

Vendor: Ames

Profiler Type: Lightweight

Picture of Device:

VIN (last four #): 2074

Left Sensor:
- Type: Line Laser
- Serial #: 630320-1

Right Sensor:
- Type: Line Laser
- Serial #: 630320-2

Software Version: 6.1.2.29

DMI: Wheel-mounted Encoder

Collection Speed: 10 mph

Ames Engineering Profiler

Software Version 6.1.2.29
SERIAL # 630320
MODEL # Model_6300

Company = Doyle Conner
Operator = Chad Lind
Certification # =
Certification date =
Project =
Job = 0
County =
Division =
Resident =
Highway =
Lane =
Lane Location =
Pass = 0
Comments =

FILE
C:\Users\Ames Engineering\Desktop\DCC Projects\061920-CS AH9-D-1 TEST.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 = 20 To 1
Paper Factor = 1.800

SENSOR SETTINGS
Sample rate = 12 samples/ft
Collection Speed(mph) = 17.45
Horizontal Cal. Divisor = 21
Horizontal Calibration = 321.722
Pre\Post Run Length = 120.00 ft

LEFT SENSOR FILTERS
Collection Filter (ft.) = 0.00
Analog filter = 0.00 rad.
Anti-Aliasing Filter = 0 Hertz

RIGHT SENSOR FILTERS
Collection Filter (ft.) = 0.00
Analog filter = 0.00 rad.
Anti-Aliasing Filter = 0 Hertz