2018 Inertial Profiler Information Form

- Date: 5-15-2018

Operator(s): Bob Mantor

Vendor: SSI

Profiler Type: High Speed

Picture of Device:

![Picture of Device]

VIN: ~3694

Left Sensor:
  Type: Line Laser
  Serial #: 21926

Right Sensor:
  Type: Line Laser
  Serial #: 21393

DMI: Wheel-mounted Encoder

Software Version: 3.2
SSI Profiler V3.2 - Report of Pavement Smoothness
Licensed to Diamond Surface Inc., of Rogers, MN

Data File: LEFT LASER RUN 1.rsd

Track 1 Stn: 0+00.0 to
Track 2 Stn: 0+00.0 to
Segment Length: 528.0 ft

Run Speed (Avg, Min, Max): 31.3, 32.3, 28.3 mph

Date [Paved/Corrected]: Monday, May 14, 2018 11:19:05 AM
Date Tested: Tuesday, May 15, 2018 11:19:05 AM

File Modifications
No Modifications Found

Project Parameters
Project No: MNROAD CERTIFICATION
State:
County:
Contractor: DSI
Pavement Type:
Traffic Direction: EB
Number of Lanes: 1
Direction of Paving:
Tested by: BOB MANTOR
Paving Action:
Special Provisions:
Report Specification:
Report Memo:

Calibration Settings
Accelerometer Calibration Date: 4/26/2018
Accelerometer Constant (Track 1): 8860.6665
Accelerometer Constant (Track 2): 8816.443
Distance: 320201 in 528 ft

Filter Settings
Filter Type: None

Localized Roughness Settings
MRI Data Used for Defects Analysis
MRI Threshold: 175.000 in/mi
Sliding Base Length: 22.000 ft