

ODOT PROFILOGRAPH MACHINE CERTIFICATION

Date: August 31, 2023

Company or Residency: J and R Sand Co.

Operator Name: Juventino Morales

Operator Email: Jandrlab1@att.net
(For future notifications)

Supervisor Name: Heleodoro De Hoyos

Supervisor Email: Jandrlab1@att.net
(For future notifications)

Machine Manufacturer and Type Ames Engineering profiler, light weight

Machine Serial Number 622207

RESULT

Trace No. 1 (East Bound) 51.70

Trace No. 2 (West Bound) 85.70

Evaluator Signature _____

Machine Ordinal _____

E
Ames Engineering
Profiler

Software Version 5.5.1.79
SERIAL # 622207
MODEL # Model_6000

Company = J R Sand
Operator = DeHoyos
Certification # = 1751
Certification date = 01312023
District = 0
Route # = east bound
Pavement # =
Pass # = Default

FILE
C:\Jobs\ODOT 2020\New Folder (2)\east b
135.adf

CALPRO SETTINGS

Band placement = Linear regression
Band positioning = Off-set
Band width(in.) = 0.000
Min. scallop width(ft.) = 2.00
Min. scallop height(in.) = 0.030
Scallop rounding(in.) = 0.01
Count scallops once = True
Butterworth filter(ft.) = 3.00

BUMP SETTINGS

Bump Height(in.) = 0.60
Bump Width(ft.) = 25.00
Bump Detection = On
Dip Detection = Off

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) = 7.25
Horizontal Cal. Divisor = 21
Horizontal Calibration = 320.966
Pre\Post Run Length = 300.00 ft
Autostart offset (in.) 0.000
ODS2 offset (in.) 0.000

SENSOR 1 FILTERS

Collection Filter (ft.) = 222.84
Analog filter = 0.30 rad.
Anti-aliasing Filter = 24 Hertz

--Collection Time and Date--
Time: 09:37:56 Date: 08-31-2023

--Printed Time and Date--
Time: 09:39:12 Date: 08-31-2023

<- No Bumps\Dips Detected Track 1 ->

<- CalPro Summary Track 1 ->

From(ft.)	To	Dist Count	PI(in/mi)
5+28.0	0+00.0	528.0	5.12
			51.20
Total		528.0	5.12
			51.20

Ames Engineering
Profiler

Software Version 5.5.1.79
SERIAL # 622207
MODEL # Model_6000

Company = J R Sand
Operator = DeHoyos
Certification # = 1751
Certification date = 01312023
District = 0
Route # = west bound
Pavement # =
Pass # = Default

FILE
C:\Jobs\ODOT 2020\New Folder (2)\west b
134.adf

CALPRO SETTINGS

Band placement = Linear regression
Band positioning = Off-set
Band width(in.) = 0.000
Min. scallop width(ft.) = 2.00
Min. scallop height(in.) = 0.030
Scallop rounding(in.) = 0.01
Count scallops once = True
Butterworth filter(ft.) = 3.00

BUMP SETTINGS

Bump Height(in.) = 0.60
Bump Width(ft.) = 25.00
Bump Detection = On
Dip Detection = Off

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) = 7.02
Horizontal Cal. Divisor = 21
Horizontal Calibration = 320.966
Pre\Post Run Length = 300.00 ft
Autostart offset (in.) 0.000
ODS2 offset (in.) 0.000

SENSOR 1 FILTERS

Collection Filter (ft.) = 215.63
Analog filter = 0.30 rad.
Anti-aliasing Filter = 24 Hertz

--Collection Time and Date--
Time: 09:32:34 Date: 08-31-2023

--Printed Time and Date--
Time: 09:34:29 Date: 08-31-2023

<- Bump\Dip Locations Track 1 ->

<- CalPro Summary Track 1 ->

Type	From(ft.)	Peak	To	Height(in)
Bump	1+45.3	1+50.0	1+53.2	0.20
Bump	1+80.3	1+82.0	1+82.4	0.04
Total				
	0+00.0	5+28.0	8.57	85.70
Total		528.0	8.57	85.70