

ODOT PROFILOGRAPH MACHINE CERTIFICATION

Date: October 22, 2019

Contractor ID #
73-0655143

Company or Residency: Atlas Paving Company

Operator Name: Joshua Thomas

Operator Email: joshuathomas@atlasasphaltok.com
(For future notifications)

Supervisor Name: Steven Thomas

Supervisor Email: steventhomas@atlasasphaltok.com
(For future notifications)

Machine Manufacturer and Type Ames 6300 Profiler

Machine Serial Number 630223

RESULT

Trace No. 1 (East Bound) 44.40

Trace No. 2 (West Bound) 74.40

Signature [Handwritten Signature]

Machine Ordinal _____

Ames Engineering
 Profiler
 Collection Version 6.1.3.58
 Analysis Version 6.1.3.59
 SERIAL # 630223
 MODEL # 6300

Company = Atlas Paving
 Operator =
 Certification # =
 Certification date =
 Project =
 Job = ODOT
 County =
 Division =
 Resident =
 Highway =
 Lane =
 Lane Location =
 Pass = 0
 Comments =

FILE

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PROFILOGRAPH SIMULATION SETTINGS

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.) = 2.00

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) = 8.00
 Horizontal Cal. Divisor = 21
 Horizontal Calibration = 319.892
 Pre\Post Run Length = 120.00 ft

LEFT SENSOR FILTERS

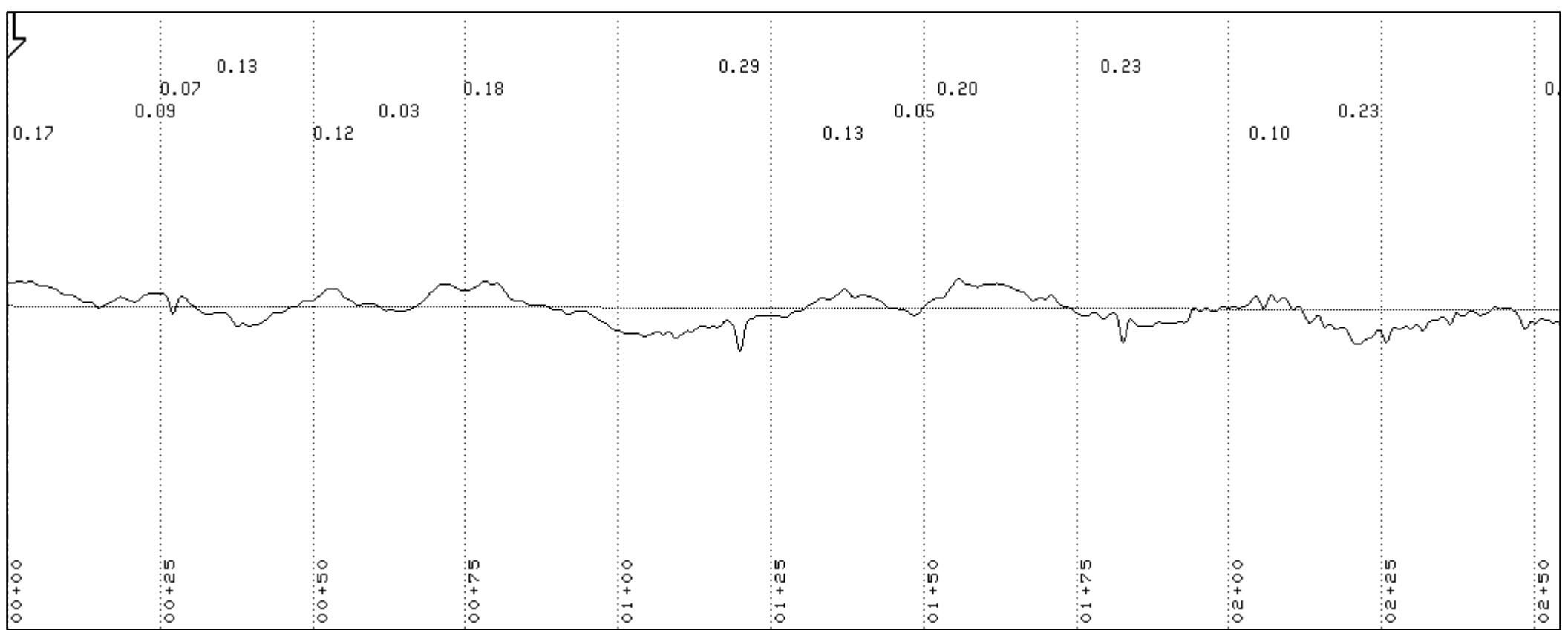
Collection Filter = 63 sec.
 Analog Filter = 0.00 rad.
 Anti-Aliasing Filter = 0 Hertz

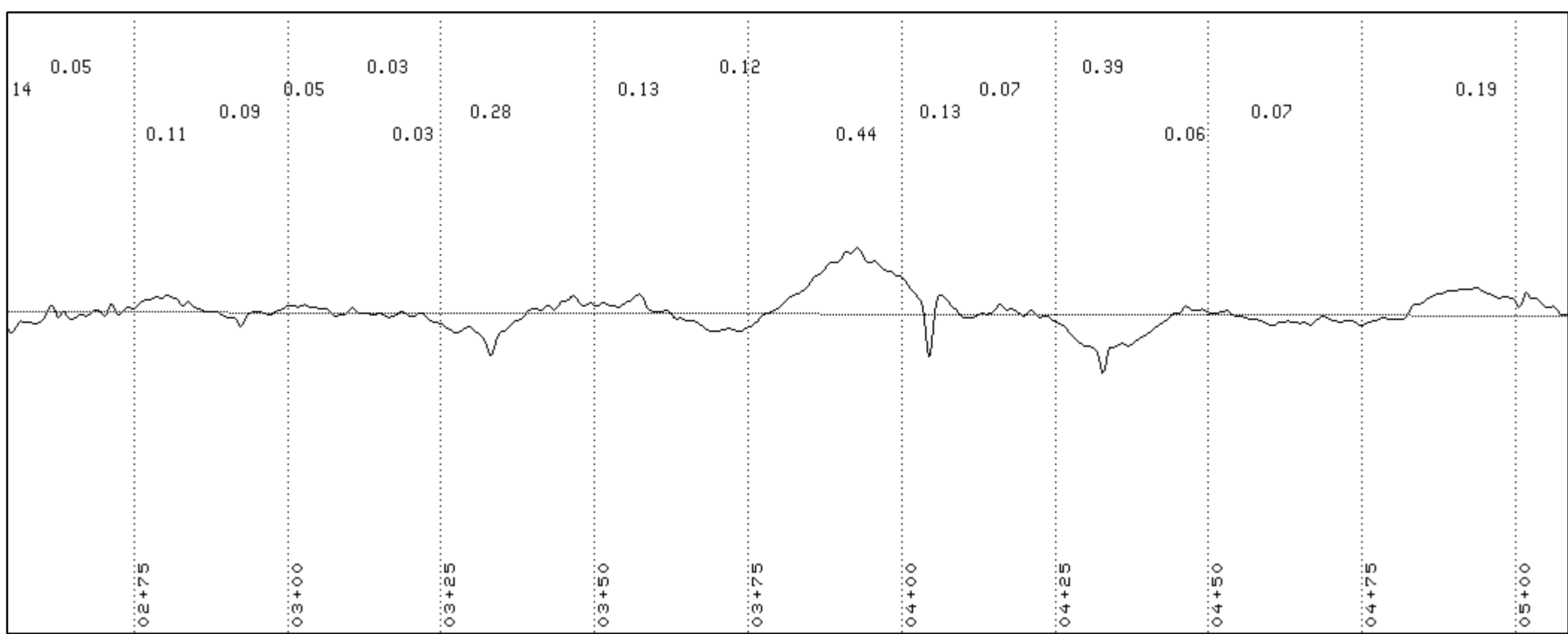
--Collection Time and Date--

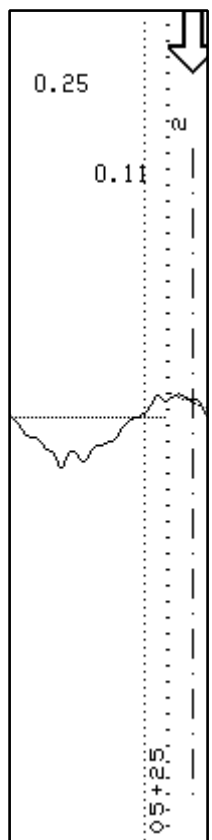
Time: 11:11:33
 Date: 07-06-2023

--Printed Time and Date--

Time: 11:01:13
 Date: 08-17-2023







Beginning Station: 00+00
Ending Station: 05+28
Distance (ft): 528.0
Scallop Sum Left (in): 4.76
Profile Index Left (in/mi): 47.60

Beginning Station: 05+28
Ending Station: 05+33
Distance (ft): 5.0
Scallop Sum Left (in): 0.00
Profile Index Left (in/mi): 0.00

Beginning Station: 00+00
Ending Station: 05+33
Distance (ft): 533.0
Scallop Sum Left (in/mi): 4.76
Profile Index Left (in/mi): 47.15

Final Analysis
Beginning Station: 00+00
Ending Station: 05+33
Total Distance (ft): 533.0
Total Scallop Sum Left (in): 4.76
Total PI Left (in/mi): 47.15

[Left Bump/Dip Locations]
 Type From(ft) Peak To Height(in)

[Events]

[Left California Profilograph]
 From(ft) To Dist Count PI(in/mi)

1. Start of Run	Station: 00+00

2. End of Run	Station: 05+33

00+00	05+28	528.0	4.76	47.60
05+28	05+33	5.0	0.00	0.00

00+00	05+33	533.0	4.76	47.15

Total		533.0	4.76	47.15

Ames Engineering
 Profiler
 Collection Version 6.1.3.58
 Analysis Version 6.1.3.59
 SERIAL # 630223
 MODEL # 6300

Company = Atlas Paving
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PROFILOGRAPH SIMULATION SETTINGS

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 Min. scallop height(in.) = 0.030
 Scallop rounding(in.) = 0.01
 Count scallops once = True
 Butterworth filter(ft.) = 2.00

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) = 10.63
 Horizontal Cal. Divisor = 21
 Horizontal Calibration = 322.278
 Pre\Post Run Length = 120.00 ft

LEFT SENSOR FILTERS

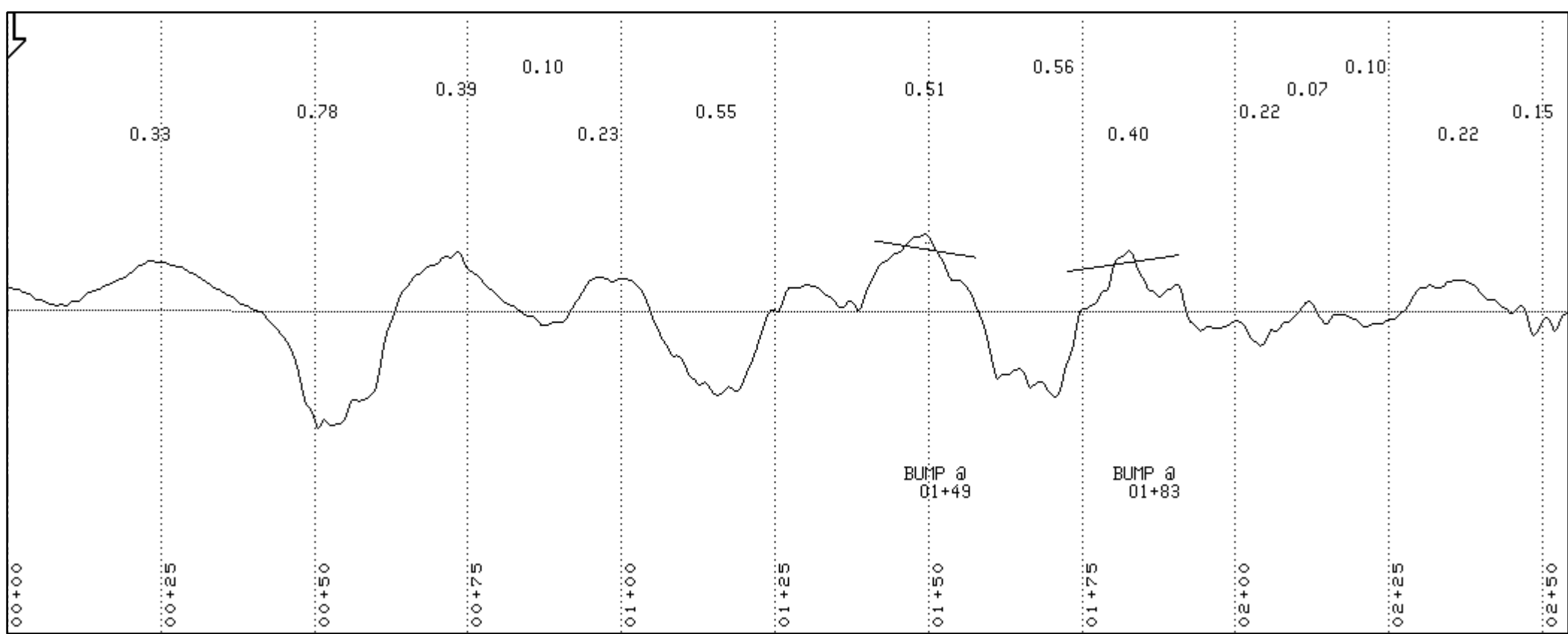
Collection Filter = 63 sec.
 Analog Filter = 0.00 rad.
 Anti-Aliasing Filter = 0 Hertz

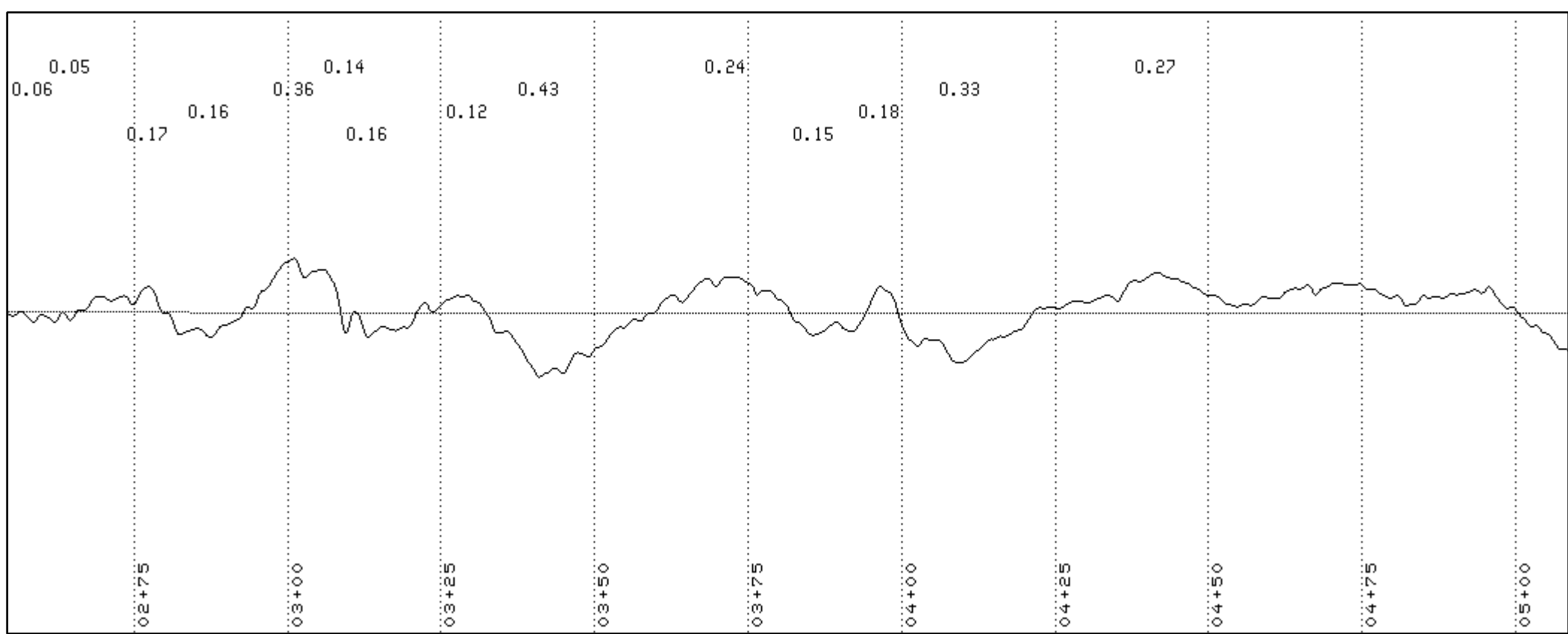
--Collection Time and Date--

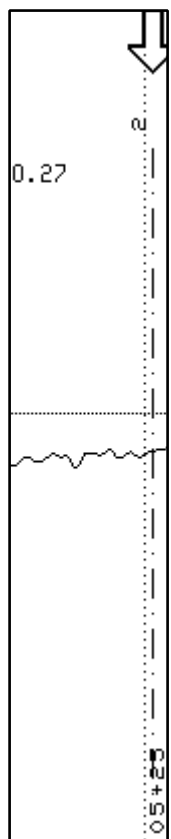
Time: 11:28:41
 Date: 07-06-2023

--Printed Time and Date--

Time: 11:01:13
 Date: 08-17-2023







Beginning Station: 00+00
Ending Station: 05+28
Distance (ft): 528.0
Scallop Sum Left (in): 7.70
Profile Index Left (in/mi): 77.00

Final Analysis
Beginning Station: 00+00
Ending Station: 05+28
Total Distance (ft): 528.0
Total Scallop Sum Left (in): 7.70
Total PI Left (in/mi): 77.00

[Left Bump/Dip Locations]				
Type	From(ft)	Peak	To	Height(in)
Bump	01+50.5	01+49.0	01+48.8	0.04
Bump	01+83.4	01+83.0	01+80.0	0.07

[Events]	
1. Start of Run	Station: 00+00

2. End of Run	Station: 05+28

[Left California Profilograph]				
From(ft)	To	Dist	Count	PI (in/mi)
00+00	05+28	528.0	7.70	77.00
Total		528.0	7.70	77.00