Federal Aviation Administration – William J. Hughes Technical Center

National Airport Pavement Test Facility (NAPTF)

Contract No: DTFACT-15-D-00007

TO 003 Nondestructive Airport Pavement Testing Support

5.1.63 Continuation of NAPTF Construction Cycle Support – CC9 (4.1.10.19a)

CC9 NDT Survey Notes

Device: SurPro

Survey: Weekly Trafficking 20210510

Date: 05/19/2021 - 05/20/2021

Operators: Anthony Kuncas

Folder Name: 20210520 SurPro CC9 Weekly Raw Data

File Formats: E01, ERD, P01, PFL

Time: NA

**General Notes**

* Transverse survey lines collected on 05/19/2021.
* Longitudinal survey lines collected on 05/20/2021.
* A closed loop calibration line was collected on each day before collecting data.
* Device date and time were incorrect for data collected on 05/19/2021. Device date and time were corrected before collecting data on 05/20/2021. Time stamps noted here for 05/19/2021 data are from the device, not actual.
* Each survey has 4 files, one each in the E01, ERD, P01, PFL formats.

**Calibration Survey Line – 05/19/2021**

Number of Survey Lines and Files: 1

Time: 1:23 AM

File Name: 07JA0123

Type: Closed Loop

Length: 54’

Survey Line Details:

* NA

**Transverse Survey Lines – 05/19/2021**

Number of Survey Lines and Files: 10

Type: Open Loop

Survey Line Details:

* Survey line centered on transverse white test line (Standard Transverse Test Line).
* Starting position is with kickstand aligned with outer edge of longitudinal yellow line marking northern edge of test area.
* Ending position is with kickstand aligned with outer edge of longitudinal yellow line marking southern edge of test area.
* Direction of travel is from North to South.

Location Time File Name

Station 0+15 1:24 AM 07JA0124

Station 0+30 1:25 AM 07JA0125

Station 0+75 1:28 AM 07JA0128

Station 0+90 1:29 AM 07JA0129

Station 1+35 1:31 AM 07JA0131

Station 1+50 1:34 AM 07JA0134

Station 1+95 1:36 AM 07JA0136

Station 2+10 1:37 AM 07JA0137

Station 2+55 1:39 AM 07JA0139

Station 2+70 1:41 AM 07JA0141

**Calibration Survey Line – 05/20/2021**

Number of Survey Lines and Files: 1

Time: 9:48 AM

File Name: 20MY0948

Type: Closed Loop

Length: 53’

Survey Line Details:

* NA

**Longitudinal Survey Lines – 05/20/2021**

Number of Survey Lines and Files: 2

Type: Open Loop

Survey Line Details:

* Survey lines aligned with offsets -15.00’ and +15.00’ (centerlines of North and South traffic patterns, respectively) using the centers of the white painted circles marking the Standard Test Locations at offsets -15.00’ and +15.00’ for reference.
* Starting position is with kickstand aligned with outer edge of transverse blue line marking the western edge of test area at Station 0+00.
* Ending position is with kickstand aligned with outer edge of transverse blue line marking the eastern edge of test area at Station 2+85.
* Direction of travel is from West to East.

Location Time File Name

Offset -15.00’ (North) 9:55 AM 20MY0955

Offset +15.00’ (South) 9:58 AM 20MY0958