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: Trafficking 20211004

Date: 10/19/2021

Operators: Sean Cullen

Folder Name: 20211019 SurPro CC9 Traffic Raw Data

File Formats: E01, ERD, P01, PFL

Time: NA

**General Notes**

* A closed loop calibration line was collected before collecting data.
* Time stamps noted here are from the device, not actual.
* Each survey has 4 files, one each in the E01, ERD, P01, PFL formats.

**Calibration Survey Line**

Number of Survey Lines and Files: 1

Time: 9:41 AM

File Name: 19OC0943

Type: Closed Loop

Length: 105’ (one-way), 210.33’ (total)

Survey Line Details:

* NA

**Transverse Survey Lines**

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 9:45 AM 19OC0945

Station 0+30 9:50 AM 19OC0951

Station 0+75 9:52 AM 19OC0953

Station 0+90 9:54 AM 19OC0954

Station 1+35 9:55 AM 19OC0955

Station 1+50 9:57 AM 19OC0957

Station 1+95 9:58 AM 19OC0959

Station 2+10 10:00 AM 19OC1001

Station 2+55 10:02 AM 19OC1002

Station 2+70 10:04 AM 19OC1004

**Longitudinal Survey Lines**

Number of Survey Lines and Files: 2

Type: Closed 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) 10:10 AM 19OC1014

Offset +15.00’ (South) 10:15 AM 19OC1019

**Survey Notes**

* Dataset 20211004 includes 8 days of trafficking over 2 weeks (10/04 – 10/14).
* File 19OC0948 for station 0+30 was corrupted and replaced with file 19OC0951