Federal Aviation Administration – William J. Hughes Technical Center

National Airport Pavement Test Facility (NAPTF)

Contract No: 692M15-20-D-00004

ARA TO 005 Structural Airport Pavement NDT and Evaluation

5.1.1.2 CC9 NDT Data Collection (Task 4.1.1.2)

CC9 NDT Survey Notes

Device: SurPro

Survey: Weekly Trafficking 20210712

Date: 07/19/2021

Operators: Anthony Kuncas

Folder Name: 20210719 SurPro CC9 Weekly Raw Data

File Formats: E01, ERD, P01, PFL

Time: NA

**General Notes**

* First calibration line was discarded. Use the second calibration line.
* A closed loop calibration line was collected before collecting data.
* Transverse and longitudinal test lines collected.
* Each survey has 4 files, one each in the E01, ERD, P01, PFL formats.
* Currently only testing Test Section 5.

**Calibration Survey Line 1 - Disregard**

Number of Survey Lines and Files: 1

Time: 11:31 AM

File Name: 19JL1131

Type: Closed Loop

Length:

Survey Line Details:

* Collected along white transverse line at 2+55 from north to south and back (closed loop).
* Start and stop with kick stand aligned with inside edge of longitudinal yellow edge of test area line.
* **Disregard this calibration line.**

**Calibration Survey Line 2**

Number of Survey Lines and Files: 1

Time: 11:35 AM

File Name: 19JL1135

Type: Closed Loop

Length: 115’ (one-way)

Survey Line Details:

* Collected longitudinally along the center line from Station 2+95 to Station 1+80 and back (closed loop).
* Start and stop with kick stand aligned with inside edge of transverse blue end of test section lines.

**Transverse Survey Lines**

Number of Survey Lines and Files: 2

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 inner edge of longitudinal yellow line marking northern edge of test area.
* Ending position is with kickstand aligned with inner edge of longitudinal yellow line marking southern edge of test area.
* Direction of travel is from North to South.
* Traveled 52’.

Location Time File Name

Station 2+55 11:37 AM 19JL1137

Station 2+70 11:39 AM 19JL1139

**Longitudinal Survey Lines**

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 inner edge of transverse blue line marking the western edge of test area at Station 0+00.
* Ending position is with kickstand aligned with inner 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) 1:35 PM 19JL1335

Offset +15.00’ (South) 1:39 PM 19JL1339