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: Pre-Traffic Baseline Sections 1 – 4

Date: 04/02/2021

Operators: Christopher Mazzotta

Folder Name: 20210402 SurPro CC9 PreTraffic Baseline 1\_4 Raw Data

File Formats: E01, ERD, P01, PFL

Time: 11:00 AM – 12:30 PM

**General Notes**

* SurPro internal clock is slow by approximately 2.5 hours. Times shown in notes and in files are from the SurPro clock.
* 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: 8:46 AM

File Name: 02AP0846

Type: Closed Loop

Length: 150’

Survey Line Details:

* Survey line centered on longitudinal yellow line marking northern edge of test area.
* Starting position is with kickstand aligned with center of transverse blue line at Station 0+00.
* Ending position (halfway through closed loop) is with kickstand aligned with center of transverse white line at Station 1+50.
* Direction of travel is from West to East (0+00 to 1+50) and from East to West (1+50 to 0+00).

**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 9:04 AM 02AP0904

Station 0+30 9:07 AM 02AP0907

Station 0+75 9:13 AM 02AP0913

Station 0+90 9:15 AM 02AP0915

Station 1+35 9:17 AM 02AP0917

Station 1+50 9:19 AM 02AP0919

Station 1+95 9:23 AM 02AP0923

Station 2+10 9:25 AM 02AP0925

Station 2+55 9:27 AM 02AP0927

Station 2+70 9:31 AM 02AP0931

**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 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.

Notes:

* Filled core holes are located along each survey line.
  + Offset -15.00’ (North) – Stations 1+65, 1+68.5, and 1+69
  + Offset +15.00’ (South) – Stations 1+68.5, 1+69.5, 1+74)

Location Time File Name

Offset -15.00’ (North) 9:48 AM 02AP0948

Offset +15.00’ (South) 9:52 AM 02AP0952