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: GPR – NDT Van

Survey: Weekly Trafficking 20210705

Date: 07/09/2021

Operators: Anthony Kuncas, Christopher Mazzotta

Folder Name: 20210709 GPR Van CC9 Weekly Raw Data

File Formats: DZT, DZX

Time: NA

**General Notes**

* Six (6) longitudinal survey lines collected at -17.25, -15.00, -12.75, +12.75, +15.00, +17.25 ft. offsets while traveling from Station 0+00 to Station 3+00 (West to East).
* Data collected simultaneously with both 400 MHz ground-coupled and 2.0 GHz air-coupled antennas.
* Begin with air-coupled antenna centered on transverse blue line at Station 0+00.
* Data for both antennas are contained in the same file.
* Each survey has 2 files, one each in DZT and DZX formats.

Location File Name

Offset -17.25’ (North) 172

Offset -15.00’ (North) 173

Offset -12.75’ (North) 174

Offset +12.75’ (South) 175

Offset +15.00’ (South) 176

Offset +17.25’ (South) 177

**Survey Notes**

* Only trafficking and testing Test Section 5 for this dataset.
* Both lasers overheated (red indicator) within 15 minutes due to high heat.
  + Completed first 3 scans before overheating.
  + Switched to GPR survey to allow lasers to cool.
* Battery 1 depleted following completion of GPR survey.
  + Charged battery while conducting Leica survey.
  + Battery 1 fully charged 1 hour 45 minutes.