



Washington Dulles International Airport, 4th Runway and Associated Taxiways, Pedestrian Tunnels, Soil Embankments Dulles, Virginia

ATCS, PLC provided a variety of survey services for numerous contractors at Washington Dulles Airport in Dulles, Virginia. These services included:

- QA/QC checks of survey control used by the general contractor for the construction of infrastructure, runways, towers and light canister installation at runways 1L and 19R at Washington Dulles International Airport.
- ATCS also provided report documents including the latitude, longitudes and elevations of localizer antennae, centerline of runway control, and glide slope masts. As-built reports of the cross slopes of the new runways were performed prior to acceptance of the construction.
- Final certifications were also provided at the end of the project, to confirm the locations of the constructed facilities including the PAPI light system, the approach light system (ALSF-2), RVR System components and verification of the visual glide path.
- ATCS provided as-built report documents on pedestrian tunnels and platforms and located underground tunnels for the construction of de-watering wells for the tunnels.
- ATCS provided topographic surveys of soil bank storage site for the design of storm drainage facilities. A 55 acre area was shot in the field over the course of 4 days for a time critical project. This site involved the location and as-built of 4 soil banks with over 100' of vertical change tied to local air port control as well as all storm drainage systems in the area.
- ATCS provided locations and verifications of quantities of all clearing and grubbing operations at Dulles Airport for new runway construction. Clearing limits were measured utilizing RTK GPS, and quantities tabulated for use by the general contractor to establish payment amounts for work performed.