

Visualizing Data Has Never Been Easier with the New Airport Geographic Information System



The airport’s engineering and planning division welcomes the development of a Geographic Information System (GIS) at Paine Field. Arora, a consultant, organized all the airport’s spatial data into a GIS database. The type of data that goes into a GIS database is most anything you would see on a map (lease areas, airfield lights, utility

lines, gate locations, etc.). All airport divisions have been using maps or spatial data in some form. Developing a GIS offers a multitude of benefits including better data security, improved data quality control, better organization, configurable web applications, and spatial analysis tools available through GIS software. Arora is developing several web applications to help view GIS data.

In October, the airport hired a GIS Analyst Senior, **Courtney Strehlow**, to manage the new GIS. She is currently working on data quality control to ensure the data is accurate and complete, and securely stored on a server database. The airport hopes to develop more web applications as well as provide publicly available data soon. Staff members throughout the airport have contributed greatly to GIS development and some have already taken advantage of the GIS mapping capabilities – thanks to all who have supported the development of this new system!

If you have any questions or if you need a map, contact **Courtney Strehlow**, GIS Analyst Senior: Courtney.Strehlow@co.snohomish.wa.us



APWA Awards Snohomish County Project of the Year for 180th Street SE Improvements

The American Public Works Association (APWA) Washington chapter awarded its Project of the Year in the Transportation \$5-25 million category to Snohomish County’s 180th Street SE Phase I Improvement Project. The presentation to Public Works staff took place during a ceremony on April 27 in Tacoma.

Public Works staff, funders, contractors, and consultants completed the project despite geographic and environmental challenges, and logistical issues stemming from the pandemic.

The project improved the corridor between SR 527 and 23rd Ave SE by constructing new vehicle lanes, bike lanes, sidewalk curbs and gutters, planter strips, stormwater detention and treatment facilities, and improved ADA facilities. The team also realigned Thompson Creek and installed two new fish-passable culverts on Thompson and Silver Creek to make room for the road widening. The project was completed on budget and on time at a construction cost of \$7.8 million.

The project would not have been possible without the \$4 million Washington State Transportation Improvement grant or a Public Works Trust Fund loan of \$3 million.

