

Wide body Deicing Facility, Pittsburgh Airport, PA



PROJECT PORTFOLIO

Product:

12" wide system with Ductile Iron slotted grates



Due to the large volume of liquids at the deicing facility, the hydraulic performance of the trench system was critical. In order to meet the hydraulic requirements, a high capacity trench and grate were needed with a continuous slope up to 350ft. In addition to the hydraulic requirements the grate also needed to be aircraft rated and lockable.

A pre-engineered design by Aquaduct proved to be the best solution. It also offered significant installation cost and time savings. The trench was installed in a single pour; sections were supplied in 20ft lengths to match the slab joints.