

Cincinnati/Northern Kentucky International Airport Hebron, KY



PROJECT PORTFOLIO

Product:

Aquaduct 9.5" trench drain with ductile iron slotted grates



At the DHL package sort facility ramp at Cincinnati airport the equipment used to load and unload aircraft required a flat surface area. Area drains, therefore could not be used since they require a 4-way graded pavement. A trench drain requires simple near zero grading and would offer the best result.

The trench drainage would serve three purposes; storm drainage, ethylene glycol capture and

recovery and fuel spill capture. The outlets into which the trench drains empty would be equipped with sophisticated electronic valves to direct captured liquid to the appropriate facility.

A custom Aquaduct trench drain with ductile iron grates met all the hydraulic capacity, corrosion resistance and loading requirements.