

Interesting Facts about the New Runway

Name: Runway 1L/19R

Size: 9,400 feet long x 150 feet wide

Design Contractor: Jacobs/Carter & Burgess, Inc.

Construction Contractor: Lane Construction Corporation

Construction Facts:

Concrete: 610,000 square yards

Asphalt Pavement: 340,686 square yards
(Equal to 24.2 miles of a 24-foot wide roadway)

Underground Copper Cable: 742,610 feet (or 140 miles)

Drainage Pipe: 22,051 feet (4.17 miles)

Airfield Lights: 1,764

Biological Treatment Units: 5

Work force: 350 people at peak of construction

Going Green on the Fourth Runway at Dulles

The Metropolitan Washington Airports Authority is taking an innovative approach to protecting the environment around the new fourth runway. Five new biological treatment units (BTU's) constructed adjacent to the runway will provide a cleansing effect to storm water runoff.



At first glance, each BTU has the look of a water retention basin. The difference is just below the surface. Multiple layers of sand, stone and vegetation create an environment

where water is naturally filtered as it percolates through the layers. After a typical rainfall event, water will be channeled from the runway drainage system and into each BTU through buried PVC piping. The water is filtered within the BTU; then it collects in underground drain pipes and is finally discharged.

The benefit to the environment will be a reduction in the amount of phosphorus and other potential pollutants. Surrounding waterways will experience less oxygen depletion as a result of this \$1.5 million dollar investment.

P R O G R A M

4th Runway

Dedication at
Washington Dulles
International Airport



METROPOLITAN WASHINGTON
AIRPORTS AUTHORITY
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Welcome to the dedication of the new 4th runway at Washington Dulles International Airport.



November 20, 2008 is an historic day for aviation. This is the first time that three new runways will open at airports throughout the United States on the same day. Along with the new runway here at Washington Dulles International Airport, new runways are being commissioned today at Chicago's O'Hare and at SeaTac in Seattle.

We are very pleased to share this important occasion with you and we thank you for your support of Washington Dulles.



Order of Events

7:00 to 7:30 A.M.	Shuttle buses transport guests to Dulles Fire Station 304
8:00 A.M.	Media board shuttle bus to take photographs at runway*
8:20 A.M. (Approximately)	Aircraft departs new runway
8:45 A.M.	Official program begins

Before our official program begins, we invite you to tour our new Airport Rescue and Firefighting Station. This state-of-the-art facility was built to support the new 4th runway and is staffed around-the-clock by Airports Authority Fire and Rescue personnel.

*For safety reasons, we ask that all other guests remain at the fire station during the aircraft departure.

D2 DULLES DEVELOPMENT HIGHLIGHTS

4th Runway

Fourth runway opens November 20, 2008 with plans for a fifth runway in the future. Both will provide needed capacity to handle aircraft.

