

# North Area Roadway Improvement

Dulles, VA



## Project Category

Bridges, Highways

## Owner

Metropolitan Washington Airports Authority

## Contract Value

\$30 million

## Project Benefits

- ✓ Provided airport passengers with better access to rental car facilities and long term parking lots
- ✓ Reduced traffic congestion and delays
- ✓ Improved traffic flow and roadway connectivity
- ✓ Improved passenger service

## Project Recognition

Dulles Airport presented this project with an “Outstanding Safety Record” Award.

## Project Background

Washington Dulles International Airport served 20.1 million passengers during 2000, the most it has ever handled. During this time, vehicles using the road system serving the airport’s main terminal and airport parking facilities experienced congestion and delays during peak travel times. The North Roadway improvements helped relieve that congestion.

## Project Scope

Reconstruction and widening of 1.25 miles of the Dulles Area Access Highway. Work included bituminous concrete roadways, a 57-foot span steel girder bridge and related facilities.

## Project Description

The North Area Roads Improvement project involved the demolition and reconstruction of the existing roadway entering and exiting the airport. Work included drainage improvements and storm water management facilities, overhead structures, bridge construction and the reconstruction and widening of a four-lane highway.

The bridge component required construction of a 60-foot, two-lane span with an integrated back wall and mechanically stabilized earth wall. Due to the high number of entrance and exit ramps along the highway’s south section, the project added a collector distributor road to provide safer conditions for drivers exiting the airport.

The high volume of traffic each day posed many challenges, with crews required to maintain access to airport facilities and businesses.

## About Lane

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## The Lane Construction Corporation

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