Over the years, the Metropolitan Washington Airports Authority Board of Directors has provided guidance and support to bring the long-term vision of Washington Dulles International Airport to reality. In 2000, the Airports Authority approved the Dulles Development (D2) program to provide Dulles the facilities it would require to keep pace with the growth in air service and traveling demands of the Washington region. A key component of the Dulles Development program was the planning, design, and construction activities for the new Automated People Mover system, called the AeroTrain.

Since 2001, the Airports Authority has invested more than $3 billion in improvements at Dulles Airport. Several other major projects are also a part of the D2 program including: two new Daily Parking Garages, renovation of the original portion of the Main Terminal, a passenger walkway connecting the Main Terminal with concourses A/B, expansion of Concourse B, construction of a new Airport Traffic Control Tower, the construction of a new north/south runway, and the expansion of the International Arrivals Building.