## Exhibit E

## **Erwin Andres**

Gorove/Slade Associates

## Outline of Testimony

- I. Introduction
- II. Review of Circulation and Access
- III. Parking and Loading
- IV. DDOT Conditions / Transportation Demand Measures
- V. Conclusion

# Erwin N. Andres, P.E.

## Principal

Mr. Andres has 20 years of experience working on a wide range of traffic and transportation projects serving private sector, public sector, institutional, and federal agency clients in the metropolitan Washington, DC area. His diverse experience bridges the disciplines of civil engineering design, urban transportation planning, traffic engineering, land development, environmental analysis, and transportation systems design.

His experience has also been geared to serve the strategic development needs of private developers, address local jurisdictional approval requirements for federal agency clients, and develop sound transportation operational and management plans for institutional clients. Mr. Andres has directed studies related to traffic circulation, transit, parking demand, and transportation demand management for new developments and urban infill redevelopments. He has performed traffic impact assessments for a wide range of land uses that include residential, office, shopping and convention centers, and institutional complexes.

Professional Registration: Professional Engineer: Maryland (#29177), New Jersey (#4557000)

Education: Bachelor of Science, Civil Engineering, Rutgers University, New Brunswick, NJ (1994)

Publications: "Ask the Expert", Healthcare Magazine, November 2003ULI North Capitol Main Street Technical Assistance Program Study, August 2009

### **Professional Associations:**

Urban Land Institute (ULI) American Planning Association (APA) Institute of Transportation Engineers (ITE) DC Building Industry Association (DCBIA) Georgetown University Real Estate Program, Lecturer University of Maryland School of Architecture, Lecturer Lambda Alpha International (LAI), Chapter President International Council of Shopping Centers (ICSC)

### MIXED-USE AND TRANSIT ORIENTED DEVELOPMENTS

Mr. Andres has managed a number of mixed-used developments in the District of Columbia. The analysis addresses the existing traffic conditions, future traffic conditions without development, and future traffic conditions with development. Other tasks that are usually involved in larger projects of this nature are traffic signal design plans, parking analysis, site access and circulation planning, vehicular maneuverability analysis and loading access design, and Transportation Demand Management (TDM). Mr. Andres has also managed transportation studies for mixed-use developments that analyzed potential multi-trip sharing and shared parking between restaurant, hotel, bank, residential, office, and retail center uses. Principal tasks of these projects include vehicular and parking generation, development of parking demand profiles, entrance design for large vehicle circulation access, and identification of general street traffic conditions around the site.

