Supplemental Outline of Testimony
Z.C. Case No. 19-25

Erwin Andres
Gorove/Slade Associates

I. Introduction and project background

II. Description of studies and discussions with DDOT

III. General summary of findings from transportation study

IV. Conclusions

Erwin N. Andres, P.E.

Principal

Mr. Andres's diverse experience bridges the disciplines of civil engineering design, urban transportation planning, traffic engineering, land development, environmental analysis, and transportation systems design. Mr. Andres has directed traffic circulation and transit studies, and parking needs and design optimization studies for central business districts and new developments. He has evaluated alternative public transportation modal options. He is familiar with roadway classification and its application to transportation planning. He has performed traffic impact assessments for residential, office, shopping and convention centers, and institutional complexes. He has been responsible for the transportation and parking components for academic, government, and corporate campuses.

Professional Registration

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

Education

Bachelor of Science, Civil Engineering, *Rutgers University, New Brunswick, NJ*

Publications

"Ask the Expert", Healthcare Magazine, November 2003

North Capitol Main Street Technical Assistance Program Study, Urban Land Institute, August 2009

Professional Associations

Urban Land Institute (ULI); American Planning Association (APA); Institute of Transportation Engineers (ITE)
Lambda Alpha International (LAI) Land Economics Honorary Society, Board Member; Georgetown University Real Estate Program, Capstone Advisor

Representative Projects

MIXED-USE AND TRANSIT ORIENTED DEVELOPMENTS

Mr. Andres has managed a number of mixed-used developments in the District of Columbia, including the redevelopment of a defunct mall into a premiere mixed-use town center. The analysis addresses the existing traffic conditions, future traffic conditions without development, future traffic conditions with development, and future traffic conditions in ten to twenty years. Other tasks that are usually involved in larger projects of this nature are traffic signal design plans, parking analysis, site access planning, vehicular maneuverability analysis and loading access design, Transportation Demand Management (TDM) planning, and site circulation planning.

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 hourly trip 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.

Projects include: North Bethesda Conference Center, Bethesda, MD; Half Street Akridge Development, Washington, DC; Poplar Point Master Plan, Washington, DC; Burnham Place, Washington, DC; Georgetown Safeway, Washington, DC; Southeast Federal Center Master Plan, Washington, DC

MASTER PLANNING AND REDEVELOPMENT PROJECTS

Mr. Andres has worked on the transportation aspects of overall master planning efforts for several redevelopment projects. Tasks for these types of projects include developing multi-modal plans, long-term transportation master plans, near-term detailed traffic analyses, on-site circulation studies, parking and shared parking studies, loading dock maneuverability analyses, and Transportation Demand Management plans.

Projects include: Poplar Point Master Plan, Washington, DC; Southwest Waterfront Development, Washington, DC; Boathouse Row, Washington, DC; Bethlehem Baptist Church Planned-Unit Development (PUD), Washington, DC; Takoma Small-Area Plan, Washington, DC; The Yards, Washington, DC; Walter Reed Army Medical Center LRA and Department of State Redevelopments, Washington, DC

CAMPUSES, SCHOOLS, AND INSTITUTIONS

Mr. Andres has been involved with the development of circulation studies, traffic simulations, traffic signal design, parking studies, transportation master plans and data collection for many universities, schools and institutions. In addition, Mr. Andres has worked on numerous federal agency installations throughout the metropolitan Washington, DC area.

Projects include: Ohio State University, Columbus, OH; Howard University, Washington, DC; Georgetown University, Washington, DC; Kingsbury Academy, Washington, DC; Washington International School, Washington, DC; Washington National Cathedral, Washington, DC; National Institutes of Health, Bethesda, MD; National Cancer Institute, Fort Detrick, Frederick, MD; NASA Goddard Space Flight Center, Greenbelt, MD; Suitland Federal Center, Suitland, MD; Department of Homeland Security at St. Elizabeth's Campus, Washington, DC; USDOT Headquarters Building, Washington, DC.

Public Testimony

Mr. Andres has been qualified as an expert witness before Zoning Boards and Commissions in numerous jurisdictions throughout the northeast United States that include the District of Columbia, Montgomery County in Maryland, and numerous counties in Pennsylvania, New Jersey, New York and Connecticut.