MARTHA L. ARZU
ASSOCIATE

PROFILE: Ms. Arzu has two years of experience in traffic, transportation planning and engineering. She has worked for public sector clients as well as private real estate developers. Prior to joining Wells & Associates, Ms. Arzu worked for the Maryland State Highway Administration. This experience includes traffic impact studies, directional distribution analysis, capacity analysis, work zone traffic control, sign and pavement marking plans, signal design and data collection.

EXPERIENCE:

Traffic Impact Studies. Conducted traffic impact studies for large and small residential, commercial, and mixed-use projects in the Washington metropolitan area. This includes preparation of analyses and reports in support of rezoning, subdivisions, and site plan approvals. Local experience includes studies in Loudoun, and Fairfax Counties, Virginia; Baltimore, Montgomery, Prince Georges, Anne Arundel, Frederick Counties, Maryland; the city of Annapolis and the District of Columbia.

Directional Distribution Analyses. Analyzed census data including population, location, and median income to derive patron distribution and direction of approach information for retail feasibility studies.

Capacity Analyses. Conducted capacity analyses of intersections, roundabouts, roadway links, freeway ramps, and weaving sections. Methods include Highway Capacity Manual, and the Critical Lane Volume technique.

Work Zone Traffic Control. Inspected work zone traffic control setups statewide, confirming that contractors, utility companies, and local

Case No. 16931
Exhibit No. 50

Board of Zoning Adjustment
District of Columbia
CASE NO.16931
EXHIBIT NO.50

governments are in accordance to Maryland's standards and the Manual on Uniform Traffic Control Devices.

Traffic Signal Design. Prepared traffic signal installation and traffic signal design and modification plans for submission to state and county agencies.

Sign and Pavement Marking Plans. Prepared sign and pavement marking plans for submission to state agencies.

Parking Analyses/Design. Assisted in conducting parking needs, feasibility, and shared-use studies for real estate developers.

Data Collection Activities. Supervised data collection activities in support of parking and traffic impact studies, including turning movement counts, license plate surveys, patron surveys and parking occupancy counts.

Report Preparation. Prepared tables, charts, and graphics using spreadsheet programs and AutoCAD.

EDUCATION: Bachelor of Science, Civil Engineering, Cornell University, Ithaca, New York, August 1999.

AFFILIATIONS: Institute of Transportation Engineers
American Society of Civil Engineers
National Society of Black Engineers
Society of Women Engineers

EMPLOYMENT HISTORY

March 2001 - Present

Wells & Associates, LLC.
McLean, Virginia
Associate

Responsible for transportation planning and preparation of traffic engineering analyses. Preparation of signal design, sign and pavement marking plans.

June 2000 - March 2001

State Highway Administration
Hanover, Maryland
Transportation Engineer

Responsible for work zone traffic control, preparation and review of traffic engineering analyses.