

symmetra design

Nicole A. White, P.E., PTOE
PRINCIPAL

Ms. White leads the organization's strategic direction with over 16 years of experience in transportation planning and traffic engineering projects. She brings extensive management skills and expertise ranging from intersection safety and operational studies to parking studies and Transportation Management Plans. Ms. White specializes in corridor studies and transit analysis, master planning for Federal Campuses and Universities, as well as revitalization and redevelopment studies. Ms. White has significant experience coordinating with project stakeholders and local officials. She is a certified Charrette Planner through the National Charrette Institute. Ms. White has previously been accepted as an expert witness by the Circuit Court of Prince George's County, District of Columbia Zoning Commission, District of Columbia Board of Zoning Adjustment and Montgomery County Hearing Examiner.

PROFESSIONAL REGISTRATIONS

Maryland – Professional Engineer
Institute of Transportation Engineers – Professional Traffic Operations Engineer

EDUCATION

Master of Engineering,
Civil Engineering - Transportation
University of Maryland, 2002

Bachelor of Science,
Civil Engineering
University of Maryland, 1996

PROFESSIONAL AFFILIATIONS

Institute of Transportation Engineers
American Planning Association

TECHNICAL PAPERS & PRESENTATIONS

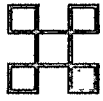
Comparative Analysis of Transportation Impacts of Three Major Urban Universities

727 15th Street, NW
Suite 1000
Washington, DC 20005

T 202 370 6000
F 202 370 6001

www.symmetradesign.com

Board of Zoning Adjustment
Transportation Planning, Traffic Engineering
District of Columbia
CASE NO.18400
EXHIBIT NO.25E



symmetra design

RELEVANT EXPERIENCE

Redevelopment & Revitalization Studies

Ms. White has directed a number of redevelopment and revitalization studies where she has gained significant experience developing transportation concepts by working with consultant planning teams, local agencies, and community groups. Her experience includes balancing the competing needs of various modes of transportation, including transit and pedestrian facilities.

Project experience includes:

- Mount Vernon Square District Transit Study, Washington, DC
- Rhode Island Avenue Great Streets Initiative, Washington, DC
- Bowie MARC Station Sector Plan, Bowie, MD
- Laurel MARC Station, Laurel, MD
- Morgan Boulevard, Largo, MD
- H Street, N.E. Redevelopment Project, Washington, DC
- Georgia Avenue Revitalization, Washington, DC

Schools & Universities

Ms. White has prepared traffic impact studies for schools and other learning institutions. Project experience includes examining pick-up and drop-off activity as well as queuing analyses. Ms. White has helped to develop transportation management and shared parking opportunities for various institutions.

Project experience includes:

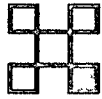
- Lowell School, Washington, DC
- Jewish Primary Day School, Washington, DC
- Washington Episcopal School, Bethesda
- Ballou High School, Washington, DC
- The Heights School, Potomac, MD
- Coppin State University Science and Technology Center
- Frederick Community College Facilities Master Plan
- University of Mary Washington Master Plan
- George Washington University (GWU) Hospital, Washington, DC
- GWU Lerner Health & Wellness Center, Washington, DC
- GWU Pelham Hall Replacement, Washington, DC
- GWU Food Service Facility, Washington, DC
- Gallaudet Campus Plan 2012, Washington, DC
- GWU Campus Plan 2000, Washington, DC
- American University Campus Plan 2000, Washington, DC
- Georgetown University Campus Plan 2000, Washington, DC

727 15th Street, NW
Suite 1000
Washington, DC 20005

T 202.370 6000
F 202.370 6001

www.symmetradesign.com

Transportation Planning. Traffic Engineering.



symmetra design

Master Plans & Transportation Management

Ms. White has managed the transportation component of Master Plans for a number of campuses and large scale development projects. Her work on these studies includes projecting and analyzing future transportation and parking conditions based on population and development growth, and recommending necessary improvements to transportation and parking systems. A key component of these projects includes developing a circulation system within the campus and access to adjacent land uses for multiple modes of transportation. Ms. White is experienced in developing Transportation Management Plans with travel demand objectives, goals, strategies, and measures of effectiveness. Ms. White also has significant experience presenting to community groups, planning agencies, and zoning boards as part of the Master Planning and Environmental Impact Statement (EIS) processes.

Project experience includes:

- Department of Homeland Security Headquarters Consolidation at St. Elizabeths, Washington, DC
- McMillan Sand Filtration Site Master Plan, Washington, DC
- Suitland Federal Center, Suitland, Maryland

Connectivity/Circulation

Ms. White has experience working on a number of private and public projects that improve connections between neighborhoods and activity centers. She has examined safe and efficient connections for multiple modes of transportation at various scales of development. Ms. White has proposed connectivity solutions at the neighborhood scale by recommending new traffic signals and pedestrian crossings, and also at a larger scale with a proposed highway connection from I-295 to St. Elizabeths West Campus in order to accommodate 14,000 employees.

Ms. White worked on the Mount Vernon Square Transportation Study where she studied impacts associated with changing one-way street operations to two-way in order to improve access and viability of redevelopment. Ms. White also has experience studying the impacts of closing street segments to support redevelopment land parcel needs (Rhode Island Diamond of the District Small Area Plan) and re-opening street segments to support redevelopment (Hine Street Redevelopment).

Project experience includes:

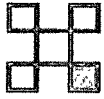
- McMillan Sand Filtration Site Master Plan, Washington, DC
- Rhode Island Avenue Diamond of the District Small Area Plan, Washington, DC
- Department of Homeland Security Headquarters Consolidation at St. Elizabeths, Washington, DC
- Bowie State MARC Station Sector Plan and Sectional Map Amendment, Bowie, MD
- Hine School Redevelopment, Washington, DC
- Gallaudet Campus Plan, Washington, DC
- Coppin State University Science and Technology Center (North Avenue Corridor Improvements), Baltimore, MD

727 15th Street, NW
Suite 1000
Washington, DC 20005

T 202.370.6000
F 202.370.6001

www.symmetradesign.com

Transportation Planning. Traffic Engineering.



symmetra design

Access & Modality

The majority of Ms. White's experience with Symmetra Design includes accommodations for multi-modal transportation. Her work on the Mount Vernon Square Transportation Study included preparing a best practices study for inclusion of shared bus/bike lanes. Ms. White examined accommodations for bus/bike facilities nationally and internationally in order to help develop standards that the District could consider for the 7th Street and 9th Street bus/bike lanes and throughout the city. Ms. White has developed curbside management plans for a number of projects that incorporate inclusion of commercial loading zones, retail parking and neighborhood parking.

Project experience includes:

- Mount Vernon Square District Transportation Study, Washington, DC
- Georgia Avenue Revitalization, Washington, DC
- Department of Homeland Security Headquarters Consolidation at St. Elizabeths – Master Plan
- Amendment, Washington, DC
- H Street, N.E. Redevelopment Project, Washington, DC

727 15th Street, NW
Suite 1000
Washington, DC 20005

T 202.370.6000
F 202.370.6001

www.symmetradesign.com

Transportation Planning, Traffic Engineering.

OUTLINE OF WITNESS TESTIMONY

Representative of School

- A. Background regarding zoning relief for School
- B. Brief overview of School's efforts to address traffic and parking
- C. School's commitment to minimizing impact on neighbors
- D. Community Outreach

Nicole White – Symmetra Design

- A. Review of Transportation Report and methodology used to prepare the report
- B. Review of Transportation Report Recommendations and Conclusions
- C. Traffic Management Plan