CULLEN E. ELIAS
Vice President
Transportation Planner

EDUCATION: University of Iowa, Iowa City, Iowa, 1989. M. Sc., Urban and Regional Planning. Major: Transportation Planning.

University of Guyana, Georgetown, Guyana, 1985. B. A., Geography/ Economics, (Cum Laude).

Institute of Transportation Engineering: Educational Foundation short course on "Transportation Access and Impact Studies for Site Development," 1990.

EXPERIENCE: Transportation Planner, O. R. George & Associates, Inc., Silver Spring, Maryland. July 1989 - Present.

Cullen Elias has had approximately twelve (12) years of responsible experience as a transportation planner/engineer and project manager. His involvement has covered a wide range of public and private sector planning/engineering projects, which have included traffic access and circulation studies for major retail/commercial, industrial, office and institutional land uses; urban sub-area economic revitalization studies; planning studies/analyses for bus and rail transit facilities/services; traffic studies for marine terminal master development plans, as well as for major highway corridor studies. He has been responsible for the management, client liaison and quality control elements of a large number of site access, traffic impact and parking demand studies in support of land development projects within Washington, D.C., the States of Maryland and Virginia, and beyond.

Key representative projects and involvement include the following:

- Currently serves as Project Manager for the Reservoir Road Corridor study, the Catholic University of America Master Plan transportation assessment, the Georgetown University Hospital Physician's Office Building and Garage Feasibility Study and the Montgomery College System-wide Master Plan update.
- Managed numerous site impact analysis studies in support of various land use development proposals, including residential, office, commercial/retail, industrial, institutional, as well as sand and gravel surface mining projects. Has also provided expert witness testimony before the judicial and administrative review bodies of several Washington area jurisdictions, in support of such studies.
- Was Project Manager for traffic engineering studies in support of the Trinity College Campus Center development and the Johns Hopkins University Applied Physics Laboratory Master Plan update.
- Provided traffic engineering review services in support of the recent Georgetown University and Hospital Master Plan update.
- Was project manager for the preparation of traffic access/circulation, and parking inventory/demand studies in support of the City of Schenectady (New York) Downtown Master Plan Update.
- Served as Project Manager for the firm on the Baltimore East End Design and Washington Pigtown Economic Revitalization studies.
- Was Project Manager for numerous parking inventory, demand and needs assessments undertaken by the firm for several major land uses, the Virginia Commonwealth University Academic and Medical Campuses, and the Montgomery College Takoma Park Campus.

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- Served as Project Manager for transportation impact assessments and Transportation Management Programs (including parking mitigation strategies) developed for the American National Red Cross, Washington, D.C. headquarters building and the United States Department of Agriculture Beltsville Office Facility.
- Was responsible for managing the firm's involvement on recent master plan studies for the Newport News and Portsmouth Marine Terminals in the Tidewater Area of Virginia. Managed the multi-modal access feasibility study undertaken by the firm for the Norfolk International Terminals and adjacent military base.
- Served as the firm's Project Manager and Statistical Analyst on the Baltimore Metropolitan Council (BMC) 1993 regional household travel survey.
- Site selection and environmental impact assessment studies for the proposed National Museum of Health and Medicine planned for the Washington, D.C. monument core.
- Managed several transportation planning/engineering study elements in support of the Master Plan/Economic Revitalization Study for the Carroll-Camden Industrial Park area within the City of Baltimore, Maryland.
- Managed and supervised data collection and analyses in support of Major Investment Studies for the US Rte 29, I-66, Dulles (Airport) Toll Road, I-81 and US Rte 250 corridors in Virginia.
- Currently manages numerous data collection, analyses, and special studies as part of planning efforts for several statewide and district projects of the Maryland State Highway Administration.

POSITIONS HELD:

Vice President, O. R. George & Associates, Inc.	May 1999 to present
Sr. Associate, O. R. George & Associates, Inc.	July 1995 to April 1999
Transportation Planner, O.R. George & Associates, Inc.	July 1989 to June 1995
Transportation Planner, Johnson County Council of Governments, City of Iowa, Iowa	1988 –1989
Teaching Assistant (Transportation Planning Studies) University of Iowa, Iowa	1987 - 1989
Lecturer (Economic/Transportation Geography) University of Guyana, Guyana	1985 - 1987

SPECIAL SKILLS: Mr. Elias has considerable knowledge and skill in the use of several computer software packages, including QRS-II (Quick Response System II), Microsoft Excel/PowerPoint, TMODEL-2, HCS (Highway Capacity Manual), TRANSYT-7F, NETSIM.

PROFESSIONAL AFFILIATIONS: Member, Institute of Transportation Engineers (ITE)
Member, Washington, D.C. Section of ITE

EXPERT WITNESS: Admitted as expert witness in the field of traffic engineering and transportation planning, and testified before planning and administrative bodies within suburban Maryland jurisdictions.