Louis J. Slade, PE, PTOE

Vice President and Principal

Mr. Slade's diverse experience bridges the disciplines of civil engineering design, urban transportation planning, traffic engineering, land development, environmental analysis, and transportation systems design. Mr. Slade has directed major regional comprehensive transportation planning studies and corridor studies, traffic circulation and transit studies, and parking needs and design optimization studies for central business districts and new developments. He has devised and analyzed alternative public transportation modal options. He is familiar with road rating and sufficiency evaluation systems for primary and secondary roads. He has performed analytical assessments of air quality and noise levels of transportation facilities and systems. 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 Certification

Registered Professional Engineer: District of Columbia and Maryland
Certified PTOE (Professional Traffic Operations Engineer)

Education

Master of Science, Civil Engineering
Northwestern University, Chicago, IL

Bachelor of Science, Civil Engineering
Northwestern University, Chicago, IL

Professional Associations

Fellow: ITE
Urban Land Institute
Lambda Alpha International Land Economics Society

Representative Projects

DOWNTOWN PROJECT PLANNING

Mr. Slade has directed all of the firm's projects in downtown Washington D.C. including transportation management and traffic operations planning for the MCI Center Sports Arena, and the new Washington Convention Center, and traffic, loading and parking plans for the National Gallery of Art, the Newseum, the Arts and Industries Building, and the National Museum of Native Americans. He has been a consultant to both the Downtown and Georgetown Business Improvement Districts, and he has directed the firm's assignments on numerous large-scale in-town residential and mixed-use development projects.

RAIL STATION PLANNING AND DESIGN

Mr. Slade has extensive experience with the planning and design of the vehicular and pedestrian components of commuter rail stations and bus terminals. This includes roadway access, circulation, and parking planning for several Metrorail stations on the Washington, D.C. system for the Transit Authority, the planning of major
commuter heavy and light rail stations at the Meadowlands Sports Complex and the Carlstadt New Town Center in Bergen County, N.J., the planning of the station modifications associated with the new MCI Center sports arena at the Gallery Place Station in Washington, D.C., and planning studies for joint public/private developments at several Metrorail stations in the Washington metropolitan area.

CONSTRUCTION TRAFFIC MANAGEMENT PLANS

WWII Memorial Truck Access

Principal-in-Charge. Seven months into a 30-month construction schedule, Gorove/Slade Associates, was given the challenge of developing a construction truck access plan to improve construction access to the site on the National Mall. G/SA balanced construction access needs with tourist and pedestrian safety . G/SA proposed four creative alternatives including rerouting

pedestrians, and changing lane configuration to accommodate left-turning trucks, and ensuring that trucks could safely navigate between trees. The National Park Service mandated strict observance of environmental issues including the protection, relocation and in some cases the removal of mature trees.

U.S. Capitol Visitors' Center, Construction Traffic Management Plan, Washington, DC

Principal-in-Charge. G/SA developed a traffic management plan for the construction of the new underground visitors' center in front of the U.S. Capitol. Construction is expected to last until mid 2005. The traffic management plan will minimize the impact of truck traffic upon the neighboring residential districts and downtown DC. Key issues for this project include taking into consideration the security issues resulting from recent terrorism events.

TRANSPORTATION PLANNING STUDIES

Nashua Area Transportation Study, New Hampshire; Genessee/Finger Lakes Regional Study, Rochester, New York; Hartford County Thoroughfare Plan, Maryland; James City County Thoroughfare Plan, Virginia.

TRANSIT IMPACT STUDIES AND TRANSIT ALTERNATIVES ANALYSES

York County, Pennsylvania; Crystal City in Arlington, Virginia; Albany, New York.

CENTRAL BUSINESS DISTRICT CIRCULATION STUDIES

Washington D.C.; Alexandria, Virginia; Herndon, Virginia; Leesburg, Virginia; Baltimore, Maryland; Atlantic City, New Jersey; Indianapolis, Indiana; Albany, New York; Quincy, Massachusetts; Bowling Green, Kentucky, Takoma Center, DC.

UNIQUE AND SPECIAL TRAFFIC STUDIES AND ASSIGNMENTS

District of Columbia Comprehensive Bikeway Study; U.S. Army Museum, Arlington, Virginia; The Challenger Center for Space, Washington, D.C.; The Universal Ballet School, Washington, DC; The Capital Centre Arena, Prince George's County, Maryland; Convention Centers in Atlantic City and Trenton, New Jersey and Baltimore, Maryland; Casino Hotels in Atlantic City, New Jersey; Civil War Battle Reenactment, Fairfax, Virginia; Highway noise barrier design and design guidelines, Federal Highway Administration; Salvation Army headquarters and residence for the homeless, Washington, D.C.

TRANSPORTATION MANAGEMENT EXPERIENCE

Developed management programs to reduce peak hour traffic loads and parking requirements and development of traffic monitoring systems for various private developments in the Northern Virginia suburbs of Washington, D.C. and for federal agencies in the metropolitan area.

The National Institutes of Health (NIH)

As part of the Master Plan, Mr. Slade developed a cost-effectiveness matrix for candidate demand management programs that NIH used to advance their overall efforts to reduce trip generation. This work was presented at the I.T.E. Conference in February 1994. Gorove/Slade Associates has had an ongoing contract with NIH to expand and monitor the effectiveness of their demand management program.

The City of Alexandria, Virginia

Virginia passed a demand management ordinance in 1988 which required that all new development include a demand management program customized for the particular site based on proximity to transit, characteristics of the tenants, etc. Gorove/Slade Associates, Inc. worked with a number of clients to help interpret this new ordinance and to prepare the required program.

Institutions

Gorove/Slade Associates has developed demand management plans for a number of schools, hospitals, and performance facilities where constrained or sensitive conditions required a special means to control the generation, routing, and storage of vehicle traffic.

Anacostia Waterfront, Washington, DC

Gorove/Slade developed an area wide demand management plan for the Anacostia Waterfront in Washington, D.C. as part of a master planning study for the Office of Planning. Mr. Slade is currently Principal in Charge of the firm's involvement in the Anacostia Waterfront Initiative with the Office of Planning.

PUBLIC TESTIMONY:

Mr. Slade has provided expert testimony in the District of Columbia throughout the firm's 26 years. Projects include:

- Dunmarlin Development
- The George Washington University
- Kennedy Warren Apartment Expansion
- The National Cathedral
- The Washington International School
- Beauvoir School
- 2200 M Street Mixed Use Development