

CURRICULUM VITAE

Darrell F. Kaminski

228 Ketter Hall
(716) 645-5155



EDUCATION

Master of Engineering, Civil Engineering, S.U.N.Y. at Buffalo, 1990
Bachelor of Science, Civil Engineering, S.U.N.Y. at Buffalo, 1983
Bachelor of Science, Physics, S.U.N.Y. College at Fredonia, 1983

EMPLOYMENT HISTORY

STATE UNIVERSITY OF NEW YORK AT BUFFALO, 2016 – present
Department of Civil, Structural and Environmental Engineering

Assistant Professor of Practice

Responsible for teaching senior level undergraduate courses related to professional practice and capstone design. Responsible for leading graduate level courses in bridge asset management/public policy and emerging bridge technologies.

NEW YORK STATE DEPT. OF TRANSPORTATION, 1983 - 2016
Region 5/Western New York

Regional Director, 2010 - 2016

Responsible for leadership of the four county Western New York Region. Responsible for the management of all Regional functional groups, including Planning and Program Management, Design, Construction, Right-of-Way, Operations (Maintenance and Traffic and Safety), and Fleet Administration. This included responsibility for nearly 4,000 lane-miles of state highways, over 850 state maintained bridges, thousands of large and small culverts, and myriad other transportation assets. Used an asset management based approach for delivery of an annual \$100 million annual capital design program, a \$200 million annual construction program, and a \$50 million annual operational/maintenance budget.

Regional Design Engineer, 2003 - 2010

Responsible for management of all Regional Design Group activities, with primary responsibility for delivery of the capital program and bridge safety assurance. Provided management of Structures Design Unit, Bridge Management Unit, Landscape Architecture/Environmental Services Unit, Transportation Facility Design Units, and Technical Support Unit composed of Survey, Mapping, Signal/Sign Design, Utilities and Quality Assurance Sections. Chaired a team that developed a risk management guidebook for capital project delivery. This guideline has been incorporated into the Department's *Project Development Manual*. Mr. Kaminski also introduced the adoption of performance measures into the annual operational planning of the group. Led the development of the *NYS DOT Risk Management Guide for Project Development* in 2008.

Resident Engineer, 2003 - 2003

Responsible for management of all highway maintenance activities in the heavily urbanized area of northern Erie County.

Regional Structures Engineer, 1999 - 2003

Responsible for the bridge management section, including bridge inspection teams, bridge safety assurance, capital program coordination, bridge inventory, and the regional hydraulics section. Responsible for management of the structures design section, construction and shop drawing review, and construction support. Served as Chairman of the Bridge Management Team, which was responsible for development of the capital program for bridge replacement, rehabilitation and corrective and preventive maintenance.

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Assistant Regional Design Engineer, 1992-1999

Responsible for management of several design squads. Duties included project administration, resource management, technical and procedural guidance, policy guidance, leadership, policy development, interaction with internal and external entities, staff development, and supervision.

Designer, Design Job Manager, 1983-1992

Responsibilities progressed from entry level designer duties to design squad leader responsible for all aspects of preliminary and final design for capital projects, with assignments to construction and consultant management. Assigned as Project Manager for a substantial number of projects.

PUBLICATIONS

Stuart S. Chen, Michael F. Lamanna, Ronald D. Tabler, and Darrell F. Kaminski, "Computer-Aided Design of Passive Snow Control Measures," *Transportation Research Record: Journal of the Transportation Research Board*, No. 2107, Transportation Research Board of the National Academies, Washington, D.C., 2009.

Darrell F. Kaminski and Satish Mohan, "PASCON: An Expert System for Passive Snow Control on Highways," *Transportation Research Record 1304*, Transportation Research Board, National Research Council, Washington, D.C., 1991.

PROFESSIONAL SERVICE

Licensed Professional Engineer, New York State, #064485

American Society of Civil Engineers - member

New York State Association of Transportation Engineers - member

Association of Bridge Design and Construction - member

Project Management Institute – member

Guest speaker at various professional and technical meetings

Presented a seminar on Professional Ethics at the NYSATE 2022 Conference June 8, 2022

UNIVERSITY SERVICE

- Student academic advisement.
- Student career planning, including partnering with industry to facilitate internship placement and student cover letter and resume review.
- Faculty Advisor for Associated General Contractors of America (AGC) Student Chapter.
- Member of Undergraduate Studies Committee.
- Faculty Director UB Institute of Bridge Engineering
- Member UB Stephen Still Institute of Sustainable Transportation and Logistics
- Participated in NTSI Summer Camp.
- Volunteer for EAS 202 Freshman Mentor Program
- Volunteer as a Marshal for Commencement
- Faculty Search Committee member – Professor of Practice 2022

COURSES TAUGHT

CIE 415 – Professional Practice Issues

CIE 416 – Civil Engineering Capstone Design

CIE 579 – Bridge and Highway Infrastructure Management and Public Policy

CIE 580 – Emerging Technologies in Bridge Engineering