

David Wong
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L7S 2B7

Work (905) 845-6601, Ext. 3307 Home (905) 633-9168

Professional Experience

Town of Oakville

September 2004 to present

Oakville, Ontario

Traffic Engineer. Responsible for the design and commissioning of traffic signals. Developed and implemented optimized traffic signal timings. Produced and approved traffic signage and pavement marking drawings. Provided written and verbal direction to forepersons regarding traffic sign, pavement marking and signal installations. Reviewed the completed installations to ensure compliance with the approved designs. Conducted investigations and responded to the public and elected officials on issues related to traffic operations and safety. Authored and presented staff reports to Advisory Committees and Committees of Council. Reviewed and approved Traffic Impact Studies prepared in support of site plan and development applications. Liaised with developers and consultants to identify, discuss and resolve traffic/transportation related issues. Liaised with development industry representatives in order to incorporate traffic engineering policy, design and operational criteria such as road design, driveway access, right-of-way standards into site plan and development agreements. Developed Transportation Engineering related policy and procedure documents including the town's Road Corridor Noise Abatement Procedure and the Identification of School Crossing Guard Locations Procedure.

City of Hamilton

July 2001 to August 2004

Hamilton, Ontario

Traffic Engineer-Traffic Signal Section. Prepared designs, signal timings and cost estimates for new traffic signal installations. Checked completed installations to ensure compliance with proposed signal timings and designs. Provided written and verbal direction to forepersons regarding traffic sign, pavement marking and signal installations. Optimized traffic signal timings at both intersection and road network level.

Town of Dundas

Dundas, Ontario

February 1993 to July 2001

Coordinator of Engineering Services.

Ensured that the Traffic, Road Construction, and Development Engineering needs of the

town were met. Responsible for reviewing and overseeing the design, construction and acceptance of residential subdivision works.

Supervisor of the section's unionized engineering staff. Prepared the five-year road capital construction forecast and administered the construction of the budgeted works via the retention of consulting engineers. Authored Council reports and attended monthly Council committee meetings. Provided evidence at OBM Hearings as a Municipal Engineering expert witness. Staff representative on Town of Dundas Bikeway Citizens Advisory Committee.

Credit Valley Conservation Authority
Mississauga, Ontario

September 1989 to October 1992

***Projects Engineer.** Estimated project costs, secured provincial funding, developed consultant terms of reference, selected project consultants, oversaw the design, tendering, construction and commissioning of flood and erosion control works. Maintained the Authority's geographic information and flood warning systems. Completed projects which involved extensive public relations activities including the Metcalf Court/Delrex Boulevard Rear Yard Slope Stabilization Project in Georgetown.*

City of Cambridge
Cambridge, Ontario

July 1986 to August 1989

***Project Engineer.** Estimator, designer and project administrator for municipal road, sewer and watermain reconstruction projects. Estimator, designer and project administrator for industrial land development projects. Reviewed storm water management proposals, lot grading plans and drainage plans. Provided project leadership and technical direction to survey crews, draftspersons and construction inspectors.*

E d u c a t i o n

University of Waterloo

Waterloo, Ontario

Bachelor of Applied Science (Civil Engineering), 1986

Ministry of Environment

Alliston, Ontario

Design of Watermains Course, October, 1987

Ministry of Environment

Alliston, Ontario

Design of Sewers Course, September, 1988

Qualifications

- * Member of the Professional Engineers of Ontario
- * 31 years experience in Municipal Engineering, Project Management and Public Administration.
- * Familiar with Microsoft Word, Access, PowerPoint and Excel Software.
- * Familiar with Synchro and SimTraffic Signal Timing Software.
- * Familiar with the Environmental Assessment Act and the Municipal Class EA process.
- * Successfully completed Lead Auditor Training for ISO 14000 Environmental Management Systems
- * Course coordinator and instructor for the Ontario Good Roads Association- Municipal Engineers Association Road Design Course, 2004 to 2006.
- * Former Chair, Ontario Provincial Standards - Products Management Committee.
- * Current Chair, Ontario Provincial Standards - Traffic Safety Committee
- * Past President, Canadian Institute of Transportation Engineers Hamilton Section Executive Committee