



Andy Bilawejian, B.Eng, EIT
Transportation Analyst
Nextrans Consulting Engineers

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Andy Bilawejian B.Eng. EIT has one year of traffic engineering and transportation planning related experiences in the private sector. He is a member of Professional Engineers of Ontario. He is familiar with transportation planning and engineering methodologies and has worked on projects of varying scales from traffic impact studies to parking studies.

Education

Bachelor of Engineering (Civil Engineering), Ryerson University
2012-2016

Professional Affiliations

Professional Engineers of Ontario

Traffic and Transportation Planning

Traffic Impact and Parking Utilization Studies

- **12-21 Rossland Road West Residential/Commercial Development, Town of Ajax.**
Transportation Analyst for a Transportation Impact Study for a new residential and commercial building at Rossland Road West and Harking Drive in the Town of Ajax. Responsible for data collection, site inspection, analyzing all scenarios using Synchro, signal optimization, queue analysis and the formulation of the final report, and responding to Town comments.
- **200 St. Lukes Avenue Residential Addition, City of Peterborough.**
Transportation Analyst for a Parking Justification Study for a residential development addition. Responsible for coordinating parking utilization surveys, calculating recommended parking rate and the formulation of the final report.
- **1031 Weston Road Residential Addition, City of Toronto.**
Transportation Analyst for a Parking Justification Study for a residential development addition in the City of Toronto. Responsible for coordinating and conducting parking utilization surveys, calculating recommended parking rate and the formulation of the final report, and responding to Town comments.
- **45 Bellevue Avenue Residential Development, City of Toronto.**
Transportation Analyst for a Parking Justification Study for a residential development which is proposing to provide no parking on-site. Responsible for coordinating parking utilization surveys of municipally owned parking lot and on-street parking and existing transit routes and amenities near the subject site.
- **13532-13554 Yonge Street Residential and Office Development, Town of Richmond Hill.**
Transportation Analyst for a Transportation Impact Study for new residential and office buildings near Yonge Street and Coons Road in the Town of Richmond Hill. Responsible for site inspection, applying background developments, trip generation and site traffic trip distribution, parking requirements, signage plan, site circulation analysis, analyzing all scenarios using Synchro, queue analysis and the formulation of the final report.
- **196 Valley Road Residential Development, City of Toronto.**
Transportation Analyst for a Transportation Study for a residential development in the City of Toronto near Bayview Avenue and York Mills Road. Responsible for parking requirements, Synchro analysis for all scenarios, AutoTURN analysis, signage plan and finalizing report.

- **10156-10158 Yonge Street Medical Office and Retail, Town of Richmond Hill.**
Transportation Analyst for a Parking Justification Study for a medical office and retail development in the Town of Richmond Hill. Responsible for coordinating and conducting parking utilization surveys, and the formulation of the final report.
- **2057 Royal Windsor Drive Restaurant Expansion, City of Mississauga.**
Transportation Analyst for a Parking Justification Study for a restaurant development expansion in the City of Mississauga. Responsible for coordinating and conducting parking utilization surveys, parking By-law requirements, recommended parking rate and the formulation of the final report.
- **1920 Weston Road Residential, Office and Retail Mixed-Use Renovation, City of Toronto.**
Transportation Analyst for a Parking Justification Study for a mixed use residential, office and retail building in the City of Toronto. Responsible for coordinating parking utilization surveys, parking requirements, formulation of the final report and addressing City comments.
- **160 East Beaver Creek Road Medical Office Development, Town of Richmond Hill.**
Transportation Analyst for a Parking Justification Study for a medical office in the Town of Richmond Hill. Responsible for coordinating parking utilization surveys, parking requirements, peak parking demand rate and the formulation of the final report.
- **2200 Sawgrass Drive Community Centre Addition, Town of Oakville.**
Transportation Analyst for a Parking Justification Study for a community centre addition in the Town of Oakville. Responsible for coordinating parking utilization surveys, peak parking demand rate and the formulation of the final report.
- **2A Roosevelt Drive Office Development, Town of Richmond Hill.**
Transportation Analyst for a Parking Justification Study for an office development in the Town of Richmond Hill. Responsible for finding parking requirements, signage plan loading requirements AutoTURN analysis and the formulation of the final report.
- **309 Rutherford Road South Manufacturing Building Addition, City of Brampton.**
Transportation Analyst for a Parking Justification Study for a warehouse building addition in the City of Brampton. Responsible for coordinating and conducting parking utilization surveys, parking requirements, peak parking demand rate, signage plan, and the formulation of the final report.
- **4417 Spruce Avenue Residential Development and Church Reduction, City of Burlington.**
Transportation Analyst for a Parking Justification Study for a residential development which requires the reduction of a church parking lot in the City of Burlington. Responsible for coordinating parking utilization surveys, parking requirements and peak parking demand rate, justification for reduced parking stall dimensions through AutoTURN analysis and comparing stall sizes to other municipalities, and the formulation of the final report.
- **8570 Woodbine Avenue Restaurant Addition, City of Markham.**
Transportation Analyst for a Parking Justification Study for a mixed-use building restaurant addition in the City of Markham. Responsible for finding proxy sites, coordinating with City staff to establish a Terms of Reference and coordinating parking utilization surveys, finding parking requirements, calculating peak parking demand rate and the formulation of the final report.