



Work Experience

2018-present
Senior Project Manager

2007-2018
Transportation Engineering
Technologist

Paradigm Transportation
Solutions Limited
Cambridge ON

2004
Junior Transportation
Technologist

City of Burlington
Burlington ON

2004
Junior Transportation
Technologist

City of Vaughan
Vaughan ON

Adam Makarewicz is a Certified Engineering Technologist (C.E.T.) in Ontario with over fifteen years of transportation planning, environmental engineering, and project management experience. He has expertise in Transportation Studies and Environmental Assessments for transportation projects in Ontario. In this capacity, he has been managing several transportation studies, policy development, active transportation initiatives, traffic calming studies, cost-benefit analysis, parking studies, municipal environmental assessments, and public and agency consultation activities.

Adam is renowned for building consensus on complex and controversial projects and provides stakeholders the tools they need to evaluate their transportation investments in the context of achieving their long-term goals. He understands that managing parking and transportation demand is critical for revitalizing city centers and creating sustainable places.

Mr. Makarewicz is also completing the required steps to achieve his Limited Engineering Technologist (LET) designation within the specified field of Transportation Planning.

Education

- ▶ Diploma, Transportation Engineering Technology (Co-Op)
Mohawk College of Applied Arts and Technology, 2005

Professional Affiliations

- ▶ Ontario Association of Certified Engineering Technicians and Technologists (C.E.T. since 2008)
- ▶ Member, Institute of Transportation Engineers

Specialized Training

- ▶ Project Management Fundamentals, University of Waterloo, 2018
- ▶ Synchro Studio Advanced Training, Trafficware, 2016
- ▶ Calibrating SimTraffic Training, Trafficware, 2013
- ▶ Agile Crash Course, The Agile Knowledge Base, On-Line, 2021
- ▶ Book 7 – Transportation Consultants Work Zone Traffic Control and Safety Training Course, OTC, On-Line, 2021
- ▶ Book 18 – Cycling Facilities Training Course, OTC, On-Line, 2021
- ▶ MMLOS Guide Workshop – OTC, On-Line, 2022

Publications

- ▶ A. Makarewicz, Keep the Momentum: Advancing Projects during COVID-19. Canadian Institute of Transportation Engineers, Transportation Talk, Spring 2020
- ▶ A. Makarewicz and S. Elkins, The Connolly Parking Crunch – Making the Change to Sustainable Transportation. Canadian Institute of Transportation Engineers Conference, Compendium of Technical Papers, 2016

Community Transportation Planning

Role: Transportation Planner, Analyst
Quality Control Auditor

Responsibilities: Research, Survey Design and Administration, Demographic Forecasting, Travel Demand Forecasting, Data Analysis, Network Analysis, Traffic Operations Analysis, Evaluation of Alternatives, Program Development, Network Development, Policy Formulation, Guideline Development, Public and Stakeholder Consultation, Council Presentations, Project Management

Sub-Area Transportation Plans

- ▶ West Lincoln Comprehensive Review Transportation Component (West Lincoln) (2016)
- ▶ Binbrook Area Traffic Review Update (Hamilton) (2014)
- ▶ St. George Area Traffic Study (County of Brant) (2013)
- ▶ Binbrook Area Traffic Review (Hamilton) (2013)

Transportation Master Plans

- ▶ East Fenwick Secondary Plan (Fenwick) (2008)

Active and Sustainable Transportation

Role: Project Manager, Transportation Planner, Analyst

Responsibilities: Research, Survey Design and Administration, Travel Demand Forecasting, Data Analysis, Network Analysis, Traffic Operations Analysis, Safety Analysis, Evaluation of Alternatives, Program Development, Network Development, Public and Stakeholder Consultation, Council Presentations, Project Management

Transportation Demand Management

- ▶ 1284 Main Street East TDM (Hamilton) (2022)
- ▶ 499 Mohawk Road East TDM (Hamilton) (2022)
- ▶ 688 Brant Street TDM (Burlington) (2022)
- ▶ 627 Lyons Lane TDM (Oakville) (2021)
- ▶ Nova Plaza TDM (2020)
- ▶ 2520 Regional Road 56 TDM Study (Binbrook) (2020)
- ▶ 51-52 Cootes Drive TDM (Hamilton) (2019)
- ▶ Towns at Red Hill TDM (Hamilton) (2019)
- ▶ 28-60 Bronte Street TDM Study (Milton) (2019)
- ▶ Waterdown Trend TDM (Waterdown) (2018)
- ▶ Laguna Village TDM (Hamilton) (2018)
- ▶ Waterdown Trend Condominium TDM (Hamilton) (2018)
- ▶ 409 Brant Street TDM (Burlington) (2017)
- ▶ St. Gabriel Daycare TDM Study (Hamilton) (2016)
- ▶ St. John De Brebeuf High School TDM Study (Hamilton) (2016)
- ▶ McMaster University Main Campus TDM (Hamilton) (2016)
- ▶ 154 and 166 Mount Albion Road TDM Study (Hamilton) (2016)
- ▶ Tiffany Hills Elementary School TDM (Hamilton) (2015)
- ▶ The Connolly-98 James Street/Mixed Use Parking Study (Hamilton) (2014)
- ▶ The Tivoli-108 James Street/Mixed Use Parking Study (Hamilton) (2014)

Traffic Operations and Safety Analysis

Role: Project Manager, Analyst
Transportation Planner, Quality Control Auditor

Responsibilities: Traffic Forecasting, Traffic Operations Analysis, Safety Analysis, Evaluation of Alternatives, Program Development, Policy Formulation, Conceptual Design, Preliminary and Detailed Design, Public and Stakeholder Consultation, Council Presentations, Project Management

Traffic Operations Review

- ▶ Bell Street Intersection Review (Norfolk) (2018)
- ▶ Wilson Street West Commercial Access Review (Hamilton) (2017)



Safety Assessments

- ▶ LIV Paris Sales Trailer Review (Brant) (2017)
- ▶ Vista Ridge All-Way Stop Review (Beamsville) (2017)
- ▶ Jarvis Street Streetscaping EA (Fort Erie) (2020)
- ▶ 3097 Homestead Drive Study Area Safety Focus (Hamilton) (2018)
- ▶ Farmers Market Pedestrian Crossing Update (Woolwich) (2017)
- ▶ Farmers Market Pedestrian Crossing Safety Review (Woolwich) (2015)
- ▶ Crossroads Elementary School Safety Impact Study (Niagara-on-the-Lake) (2015)
- ▶ Regional Road 20 Safety Review (Niagara Region) (2015)
- ▶ Fourth Line Detailed Design Safety Review (Oakville) (2011)

Neighbourhood Traffic Calming

- ▶ 3150 Fletcher Road Traffic Management Plan (Hamilton) (2021)
- ▶ Hardy Road Subdivision Traffic Management Plan (Brantford) (2020)
- ▶ Vista Ridge Traffic Calming Plan (Beamsville) (2018)
- ▶ Lancaster Heights Phase 1 Traffic Calming Review (Hamilton) (2018)
- ▶ Bell Street Traffic Calming Review (Norfolk) (2018)
- ▶ St. Peter's Child Care Centre Traffic Calming Review (Milton) (2018)
- ▶ Riverview Heights Brampton Traffic Calming Review (Brampton) (2017)
- ▶ Crossings Phase 3 Traffic Calming Plan (Hamilton) (2016)
- ▶ Jackson Heights Extension Traffic Calming Plan (Hamilton) (2016)

Transportation Impact Assessment

Role: Project Manager, Analyst
Transportation Planner, Quality
Control Auditor

Responsibilities: Traffic Forecasting, Traffic Operations Analysis, Safety
Analysis, Technical Review, Conceptual Design, Public and Stakeholder
Consultation, Council Presentations, Project Management

Residential

- ▶ 3105 Fletcher Road TIA Update (Hamilton) (2022)
- ▶ 1030 Niagara Street TIA (Welland) (2022)
- ▶ 102 Confederation Street TIA (Halton Hills) (2021)
- ▶ 16 Melbourne Street TIA (St. Catharines) (2021)
- ▶ 5360 Royal Manor Drive TIA (Niagara Falls) (2021)
- ▶ 7386 Islington Avenue TIA Update (Vaughan) (2020)
- ▶ McLeod Road and Kalar Road TIA (Niagara Falls) (2020)
- ▶ Springbrook Avenue at Garner Road TIA (Hamilton) (2020)
- ▶ 90 Carling Street TIA (Hamilton) (2020)
- ▶ 250-256 First Road West TB (Hamilton) (2020)
- ▶ Confederation Street TIA (Halton Hills) (2020)
- ▶ 200 Market Street TIA (Hamilton) (2020)
- ▶ 325 Highway 8 TIA (Hamilton) (2019)
- ▶ 354 King Street West TIA (Hamilton) (2019)
- ▶ 314 Main Street East TIA (Grimsby) (2019)
- ▶ Tanbark Road and Warner Road TIA (NOTL) (2019)
- ▶ 3064 Trafalgar Road TIA (Oakville) (2019)
- ▶ 2107 Old Lakeshore Road TIA (Burlington) (2019)
- ▶ Hardy Road Subdivision TIA Addendum (Brantford) (2019)
- ▶ 140 Ferguson Drive TIA (Woodstock) (2019)
- ▶ 3105 Fletcher Road TIA (Hamilton) (2019)
- ▶ 2085 Pine Street TIA (Burlington) (2019)
- ▶ Silverbirch Meadows (Hamilton) (2018)
- ▶ 20 Miller Drive TB (Hamilton) (2018)



Commercial

- ▶ 627 Lyons Lane TIA (Oakville) (2018)
- ▶ 600 James Street North Transportation Impact Assessment (Hamilton) (2017)
- ▶ 28-60 Bronte Street Transportation Impact Assessment (Milton) (2017)
- ▶ Lancaster Subdivision Addendum (Hamilton) (2017)
- ▶ 1288 Baseline Road TIA (Hamilton) (2017)
- ▶ Granwood Subdivision TIA (Elora) (2017)
- ▶ 235 Tanglewood Drive TB (Hamilton) (2017)
- ▶ Jackson Heights Extension TB (Hamilton) (2017)
- ▶ Spears Garden Phase 2 TB (Fort Erie) (2017)
- ▶ Branthaven Mount Hope TB (Hamilton) (2017)
- ▶ McLeod & Garner Road TIA (Niagara Falls) (2017)
- ▶ LIV Paris TIS (Paris) (2017)
- ▶ Losani St. George TIS (St. George) (2016)
- ▶ Wade Road Secondary Plan Expansion TIS (Smithville) (2015)
- ▶ Mountaingate Subdivision TIS (Hamilton) (2014)
- ▶ Summit Park (Swayze Lands) TIS (Hamilton) (2013)
- ▶ London Psychiatric Hospital Redevelopment TIS (London) (2011)
- ▶ Stone Eagle Winery TIA (NOTL) (2021)
- ▶ 1400 South Service Road TIA (Hamilton) (2021)
- ▶ Burlington Operations Centre TIA (Burlington) (current)
- ▶ 7260 No. 5 Sideroad TIA (Milton) (2020)
- ▶ 385 Nebo Road TIA (Hamilton) (2019)
- ▶ 119 Highway 5 TB (Hamilton) (2019)
- ▶ 60-68 Centennial Parkway TB (Hamilton) (2018)
- ▶ Galer Equipment TB (Hamilton) (2018)
- ▶ 3097 Homestead Drive TIA (Hamilton) (2018)
- ▶ 8521-8527 Airport Road TIA (Hamilton) (2018)
- ▶ Mountain Road Winery TIS (Niagara Falls) (2018)
- ▶ 5045 Mainway TIA (Burlington) (2017)
- ▶ West Hills Shopping Plaza TB (Guelph) (2017)
- ▶ Milton Professional Building TIS (Milton) (2014)
- ▶ West Hills Commercial Development TIS (Guelph) (2014)
- ▶ Bayfield Sobeys TIS (Bluewater) (2013)
- ▶ Victoria Square Mall Redevelopment TIS (Smithville) (2013)
- ▶ Norfolk County Courthouse TIS (Norfolk) (2013)
- ▶ Erin Oaks TIA (Oakville) (2012)

Industrial

- ▶ Superior Court TIA (Oakville) (2021)
- ▶ 556 Highway 6 TIA (Hamilton) (2021)
- ▶ 944 South Service Road TIA (Hamilton) (2019)
- ▶ 2187 Regional Road 56 TIA (Hamilton) (2019)
- ▶ Netherby Road Service Station TIA (Fort Erie) (2019)
- ▶ 63 Highway 5 TIA Addendum (2018)
- ▶ Trustwood Industrial Park TIA (Hamilton) (2018)
- ▶ Fort Erie Industrial District Coordinated TIA (Fort Erie) (2019)
- ▶ Hanlon Creek Business Park TIS (Guelph) (2015)
- ▶ Port Credit GO Station Parking Lot Expansion TIS (Port Credit) (2015)
- ▶ Metrolinx Hamilton Bus Facility TIS (Hamilton) (2013)



- ▶ Nyon Oil TIS (Port Colborne) (2013)
 - ▶ Blair Business Park TIS (Cambridge) (2012)
 - ▶ Metrolinx East Gwillimbury Bus Facility TIS (East Gwillimbury) (2012)
 - ▶ Aurora GO Station TIS (Aurora) (2010)
- Institutional**
- ▶ Threshing Mill Boulevard School (Oakville) (2021)
 - ▶ Wainfleet New School Site TIA (Wainfleet) (2021)
 - ▶ Greenlane Catholic School TIA (Beamsville) (2021)
 - ▶ Oakville Catholic School Board Site 4 TIA (Oakville) (2021)
 - ▶ Gobind Savar Private School TIA (Brampton) (2020)
 - ▶ St. Peter Child Care TB (2019)
 - ▶ Richmond Street School TB (Thorold) (2018)
 - ▶ Smithville Christian Reformed Church TIS (Smithville) (2016)
 - ▶ St. Elizabeth Anglican Church TIS (Mississauga) (2014)
 - ▶ St. Bernard School TIS (Windsor) (2013)

- Mixed Use**
- ▶ 5500 Victoria Avenue TIA (Niagara Falls) (2022)
 - ▶ 4078 Victoria Avenue TIA (Niagara Falls) (2022)
 - ▶ 1284 Main Street East TIA (Hamilton) (2022)
 - ▶ 5528 Ferry Street TIA (Niagara Falls) (2022)
 - ▶ 499 Mohawk Road East TIA (Hamilton) (2022)
 - ▶ 179 Garrison Road TIA (Burlington) (2022)
 - ▶ 688 Brant Street TIA (Burlington) (2022)
 - ▶ 1400 South Service Road, TIA (Hamilton) (2021)
 - ▶ 560 Main Street East TIA (Milton) (2021)
 - ▶ 145 Nipissing Road TIA (Milton) (2021)
 - ▶ 2020 Lakeshore Road TIA (Burlington) (2021)
 - ▶ 8383 Mississauga Road TIA (Brampton) (2020)
 - ▶ 7 Central Avenue TIA (Fort Erie) (2020)
 - ▶ 2069 Lakeshore Road TIA (Burlington) (2019)
 - ▶ Old Lakeshore Road TIA (Burlington) (2019)
 - ▶ 401-417 Martha Street TIA (Hamilton) (2018)
 - ▶ 421 Brant Street TIS (Burlington) (2016)
 - ▶ 1 Wellington Street TIS (Brantford) (2016)
 - ▶ LINK-Dundas and Sutton TIS (Burlington) (2013)
 - ▶ Transportation Planner of over 200 other TIS submissions

Parking Planning

Role: Project Manager, Analyst
Transportation Planner, Quality
Control Auditor

Responsibilities: Survey Design and Administration, Parking Demand
Forecasting, Parking Analysis, Evaluation of Alternatives, Technical Review,
Conceptual Design, Public and Stakeholder Consultation, Council
Presentations, Project Management

- Municipal**
- ▶ Downtown Streetscaping EA (Brantford) (Current)
 - ▶ Alton Village Streetscaping PS (Caledon) (2018)

- Institutional**
- ▶ 187 Deerhurst Drive PS (Brampton) (2019)
 - ▶ St. Thomas Court House/Municipal PS (St. Thomas) (2010)

- Development**
- ▶ 135 Mary Street PS (Hamilton) (2022)
 - ▶ 430 Cannon Street PS (Hamilton) (2022)
 - ▶ 5500 Victoria Avenue PS (Niagara Falls) (2022)



- ▶ 4078 Victoria Avenue PS (Niagara Falls) (2022)
- ▶ 5528 Ferry Street PS (Niagara Falls) (2022)
- ▶ 433 King Street East PS (Hamilton) (2022)
- ▶ 2020 Lakeshore Road PS (Burlington) (2021)
- ▶ 560 Main Street East PS (Milton) (2021)
- ▶ 145 Nipissing Road PS (Milton) (2021)
- ▶ 8383 Mississauga Road PS (Brampton) (2020)
- ▶ 9255 Airport Road PS (Hamilton) (2020)
- ▶ 151 Steeles Avenue East PS (Milton) (2019)
- ▶ 325 Highway 8 PS (Hamilton) (2019)
- ▶ 3064 Trafalgar Road PS (Oakville) (2019)
- ▶ 1260 Marlborough Court PS (Oakville) (2019)
- ▶ 90 Carling Street PS (Hamilton) (2020)
- ▶ 354 King Street West PS (Hamilton) (2019)
- ▶ 40 Mallard Trail Parking Study (Hamilton) (2018)
- ▶ 11-15 Cannon Street PS (Hamilton) (2017)
- ▶ 600 James Street North PS (Hamilton) (2017)
- ▶ 28-60 Bronte Street PS (Milton) (2017)
- ▶ 409 Brant Street PS (Burlington) (2017)
- ▶ 2069 Lakeshore Road PS (Burlington) (2017)
- ▶ 421 Brant Street PS (Burlington) (2016)
- ▶ Binbrook Heritage PS (Binbrook) (2016)
- ▶ 860 Queenston Road PS (Hamilton) (2016)
- ▶ 51 Benton Street/Medical Office PS (Kitchener) (2015)
- ▶ 4523 Queen Street East/Mixed Use PS (Brampton) (2015)
- ▶ 374 Martha Street/Mixed Use PS (Burlington) (2015)
- ▶ The Connolly-98 James Street/Mixed Use PS (Hamilton) (2014)
- ▶ The Tivoli-108 James Street/Mixed Use PS (Hamilton) (2014)
- ▶ 5001 Corporate Drive/Medium Density PS (Burlington) (2014)
- ▶ 1658 Ritson Road North/Senior's Housing PS (Oshawa) (2014)
- ▶ 30 and 70 Aviva Drive/Industrial PS (Vaughan) (2013)
- ▶ LINK-Dundas and Sutton/Mixed Use PS (Burlington) (2012)
- ▶ Park City/High Density PS (Burlington) (2012)
- ▶ Winston Oakes/Live-Work PS (Grimsby) (2012)
- ▶ Binbrook Heights/Commercial PS (Binbrook) (2012)
- ▶ Oakville Canadian Tire/Commercial PS (Oakville) (2010)
- ▶ Transportation Planner on over 50 other parking study submissions

Environmental Assessment

Role: Transportation Planner,
Analyst Quality Control Auditor

Responsibilities: Travel Demand Forecasting, Traffic Operations Analysis, Need and Justification, Evaluation of Alternatives, Conceptual and Preliminary Design, Public and Stakeholder Consultation, Council Presentations, Project Management

Municipal Roads

- ▶ Regional Road 81 (Grimsby) (2021)
- ▶ Highway 5 and 6 TESR Addendum NW Quadrant (Hamilton) (2021)
- ▶ Regional Road 20 EA (Niagara Falls) (Current)
- ▶ Merritt Street EA (St. Catharines) (Current)
- ▶ Downtown Streetscaping EA (Brantford) (Current)



- ▶ Three Grand River Crossings EA (Brantford) (Current)
- ▶ Jarvis Street Streetscaping EA (Fort Erie) (2020)
- ▶ Main Street and Queen Street Class EA (Brampton) (2016)
- ▶ Casablanca Boulevard/Livingston Avenue EA (Niagara Region) (2015)
- ▶ Regional Road 20 Class EA (Niagara Region) (2015)
- ▶ Steeles Avenue Class EA (Peel Region) (2013)
- ▶ Shellard Lane Class EA (Brantford) (2013)
- ▶ Fourth Line Class EA (Oakville) (2011)
- ▶ Third Line Class EA (Oakville) (2010)
- ▶ Downtown Two-Way Street Conversion (Brantford) (2009)

Transportation Data Management

Role: Survey Manager,
Transportation Planner, Analyst,
Quality Control Auditor

Responsibilities: Research, Survey Design and Execution, Data Analysis,
Staff Supervision, Public and Stakeholder Consultation, Council Presentations,
Project Management

Travel and Market Surveys

- ▶ Ontario-New York Border Crossings Survey (Niagara) (2013)
- ▶ Simcoe County O-D Survey (Simcoe County) (2011)
- ▶ Highway 26 O-D Survey (Town of Blue Mountains) (2009)
- ▶ Downtown Brantford Travel Survey (Brantford) (2009)
- ▶ Ontario-New York Border Crossings Survey (Niagara) (2007)





Erica has over 15 years of professional experience in transportation planning, traffic engineering, and parking management in her role as Senior Project Manager for Paradigm. Over her career, Erica has successfully completed transportation and infrastructure master plans, class environmental assessments, transportation corridor studies, expert witness testimony, travel survey management and data analysis, and transportation impact assessments in municipalities across Ontario. She has proven expertise in active transportation, traffic calming, Transportation Demand Management (TDM), traffic operations, travel demand forecasting, parking management, public consultation, and infrastructure design. Erica is a leader in Quality Control within the firm and has a passion for building strong relationships with her clients.

Work Experience

2009-present
Senior Project Manager
Associate

Paradigm Transportation
Solutions Limited
Cambridge ON

As a Senior Project Manager, Erica's responsibilities include procurement, managing resources, undertaking and reviewing technical analyses, preparing reports, and presenting study findings in technical and public forums.

Education

- ▶ Bachelor of Applied Science (Civil Engineering)
University of Waterloo, 2009

Professional Affiliations

- ▶ Professional Engineers of Ontario (P.Eng. since 2014)
- ▶ Member, Institute of Transportation Engineers

Specialized Training

- ▶ Ontario Traffic Council Book 18: Cycling Facilities Workshop (2021)
- ▶ Write to Communicate (2022)
- ▶ Advanced Transportation Impact Studies, Ontario Traffic Council (2016)

Community Involvement

- ▶ Women in Engineering Career Mentorship Program (University of Waterloo)
- ▶ Engineering Outreach (University of Waterloo)
- ▶ WTS International – SWO Chapter, Board Member

Active and Sustainable Transportation

Role: Project Manager,
Transportation Engineer

Active Transportation

Transportation Demand
Management

Responsibilities: Research, Data collection, Data Analysis, Evaluation of Alternatives, Program Development, Report Writing

- ▶ 105 Glasgow Street Pedestrian Assessment, Kitchener (2019)
- ▶ Waterloo Separated Cycling Lane Pilot (in progress since 2017)
- ▶ City of Guelph Active Transportation Master Plan (2015)
- ▶ 2-16 Queen Street, Cambridge (2020)
- ▶ 120 Huron Street, Guelph (2020)
- ▶ 70 Fountain Street, Guelph (2019)
- ▶ 195 Hespeler Road TDM Plan, Cambridge (2018)
- ▶ 114 Victoria Street Mixed Use Development TDM Plan, Kitchener (2018)
- ▶ Peel Region Carpool Lot Management (2015)
- ▶ York Region TDM Strategy (2015)
- ▶ 100 Victoria Street Mixed Use Development TDM Plan, Kitchener (2014)
- ▶ 5 Michael Street TDM Plan, Kitchener (2014)

Transportation Impact Assessment

Role: Project Manager,
Transportation Engineer

Responsibilities: Traffic Forecasting, Collision Analysis, Traffic Operations Analysis, Site Plan Review, Stakeholder Consultation, Report Writing

- ▶ 240 Limerick Road, Cambridge (2022)
- ▶ 15 Dellroy Avenue, Kitchener (2022)
- ▶ 247 Royal Oak Drive, London (2022)
- ▶ Nature's Grand, Brantford (2022)
- ▶ 40 Cayuga Street, Caledonia (2022)
- ▶ St. Mary's Golf Course Redevelopment, St. Mary's (2022)
- ▶ Finkle Street Industrial, Woodstock (2022)
- ▶ Cole Pit, Inverhaugh (2022)
- ▶ 1176 Huron Street, London (2022)
- ▶ 19 Mill Street, Elora (2022)
- ▶ East Ridge Business Park, Owen Sound (2022)
- ▶ 7201 Line 86, Township of Mapleton (2022)
- ▶ 72 Johnson Road, Brantford (2022)
- ▶ 40 Helen Avenue, Brantford (2022)
- ▶ 15 Market Street, Saugeen Shores (2022)
- ▶ 6410 Beatty Line, Elora (2022)
- ▶ 128 Brock Road South, Puslinch (2022)
- ▶ 401 New Dundee Road, Kitchener (2022)
- ▶ 926 King Street, Kitchener (2021)
- ▶ 157 Queensway East, Simcoe (2021)
- ▶ 280 Main Street, Lucan (2021)
- ▶ House of Friendship, Kitchener (2021)
- ▶ 3241 King Street East/108 Cameo Drive, Kitchener (2021)
- ▶ 58 Morell Street, Brantford (2021)



- ▶ 30 Queensland Road, Stratford (2021)
- ▶ 20 Ottawa Street North, Kitchener (2021)
- ▶ 101 Cedar Street, Kitchener (2021)
- ▶ 3025 Ontario Street, Stratford (2021)
- ▶ 27 Roy Street, Kitchener (2021)
- ▶ 32 First Line, Elora (2021)
- ▶ 179 Garden Avenue, Brantford (2021)
- ▶ 100 Chapman's Crescent, Markdale (2021)
- ▶ Sunset Drive & Southminster Bourne, Elgin County (2021)
- ▶ 1001 King Street East, Kitchener (2021)
- ▶ 1120 Oxford Street, London (2021)
- ▶ Cottonwood Boulevard, Alymer (2021)
- ▶ 2191 Kingsway Drive, Kitchener (2021)
- ▶ 313 Conklin Road, Brantford (2021)
- ▶ McLean Road & Broc Road Commercial, Puslinch (2021)
- ▶ 15 Papple Road, Brantford (2021)
- ▶ 1668 King Street, Kitchener (2021)
- ▶ 961 St. David's Street, Fergus (2021)
- ▶ 475-477 Lancaster Street, Kitchener (2021)
- ▶ 251 Albert Street, Waterloo (2021)
- ▶ Arrowdale Golf Course Redevelopment, Brantford (2021)
- ▶ 316 Batavia Place, Waterloo (2020)
- ▶ 945 Bluegrass Drive, London (2020)
- ▶ Egremont Road, Town of Plympton-Wyoming (2020)
- ▶ Cambridge Mill Hotel, Cambridge (2020)
- ▶ 525 Conestogo Road, Kraus Redevelopment, Waterloo (2020)
- ▶ 2-16 Queen Street, Cambridge (2020)
- ▶ St. Mary's High School, Owen Sound (2020)
- ▶ 1012 Snyder's Road, Baden (2020)
- ▶ 12 Fisher Street, Brantford (2020)
- ▶ Saltford Heights, Saltford (2020)
- ▶ 248-260 Grand Rover Avenue, Brantford (2020)
- ▶ 180 Watson Parkway, Guelph (2020)
- ▶ 463-467 West Street, Brantford (2020)
- ▶ Riverwalk East, Erie Street, Brantford (2020)
- ▶ Victoria Street & Park Street, Innovation Park, Kitchener (2020)
- ▶ 300 Toronto Street, Palmerston (2020)
- ▶ 525 New Dundee Road, Kitchener (2020)
- ▶ 635 Erb Street, Kitchener (2020)
- ▶ 24 Union Street, Waterloo (2020)
- ▶ 9 Garden Ave, Brantford (2020)
- ▶ 130-142 Victoria Street, Kitchener (2020)
- ▶ Fuller Street & Boucher Street, Meaford (2020)
- ▶ 550 Lancaster Street, Kitchener (2020)
- ▶ 33 Erie Avenue, Brantford (2020)
- ▶ SPA2 Comprehensive Study, Brantford (2020)
- ▶ 395 Park Road North, Brantford (2019)
- ▶ 250 First Road, Hamilton (2017)



- ▶ 50 Green Mountain Road, Hamilton (2017)
- ▶ Paris on the Grand Residential Development, Paris (2011)
- ▶ 300 Toronto Street, Palmerston (2020)
- ▶ 705 Southgate Drive, Guelph (2020)
- ▶ St. Mary's High School, Owen Sound, (2020)
- ▶ 620 Davenport Road, Waterloo (2019)
- ▶ 184 Oxford Street Redevelopment, Ingersoll (2019)
- ▶ Elgin Centre Redevelopment, St. Thomas (2019)
- ▶ 305 Joseph Street, Kitchener (2019)
- ▶ Creekside Corporate Campus, Cambridge (2014)
- ▶ 100 Victoria Street Mixed Use Development, Kitchener (2014)
- ▶ Waterloo Corporate Campus, Waterloo (2013)
- ▶ 83 Elmsdale Street Mixed Use Development, Kitchener (2013)
- ▶ Cambridge Mill Redevelopment, Cambridge (2013)
- ▶ Woodstock Business Park, Woodstock (2012)
- ▶ 186-188 King Street, Waterloo (2010)
- ▶ Tim Horton's, Erin (2010)
- ▶ Grandville Phase 3, Paris (2010)
- ▶ Mansoura Residential, Tavistock (2009)
- ▶ Dawson Medical Centre, Guelph (2009)
- ▶ Bridgeport Business Park, Kitchener (2009)
- ▶ Ira Needles Commercial Centre, Kitchener-Waterloo (2009)
- ▶ Thomasfield Lands Development, Breslau (2009)

Parking Planning

Role: Project Manager,
Transportation Engineer

Responsibilities: Research, Data collection, Data Analysis, Evaluation of Alternatives, Program Development, Report Writing

- ▶ Saugeen Shores Downtown Parking Study (2023)
- ▶ 137 Queen Street South, Kitchener (2022)
- ▶ 1198 Fischer Hallman Road, Kitchener (2022)
- ▶ 1388 Highland Road, Kitchener (2022)
- ▶ 99 Benton Street, Kitchener (2022)
- ▶ 550 King Street East, Kitchener (2022)
- ▶ 26 Lorne Avenue, Newmarket (2022)
- ▶ 380 Hardy Road Parking Justification Study, Brantford (2021)
- ▶ 157 Queensway East Parking Justification Study, Simcoe (2021)
- ▶ 926 King Street Parking Justification Study, Kitchener (2021)
- ▶ House of Friendship Parking Justification Study, Kitchener (2021)
- ▶ 27 Roy Street Parking Justification Study, Kitchener (2021)
- ▶ 3241 King Street East/108 Cameo Drive Parking Justification Study, Kitchener (2021)
- ▶ 150 Wissler Road Parking Justification Study, Waterloo (2021)
- ▶ 1668 King Street, Parking Justification Study, Kitchener (2021)
- ▶ 475-477 Lancaster Street Parking Justification Study, Kitchener (2021)
- ▶ 251 Albert Street, Parking Justification Street, Waterloo (2021)
- ▶ 2191 Kingsway Drive Parking Justification Study, Kitchener (2021)
- ▶ 1120 Oxford Street Parking Justification Study, London (2021)
- ▶ 1001 King Street East Parking justification Study, Kitchener (2021)



- ▶ 20 Ottawa Street North Parking Justification Study, Kitchener (2021)
- ▶ 60 Ellen Street Parking Justification, Kitchener (2021)
- ▶ 580 Coldstream Drive Parking Justification Study, Waterloo (2021)
- ▶ 55 Franklin Blvd Parking Justification Study, Kitchener (2020)
- ▶ 359 Highland Road W Parking Justification Study, Kitchener (2020)
- ▶ 825 King Street W Parking Justification Study, Kitchener (2020)
- ▶ 660 Belmont Avenue Parking Justification Study, Kitchener (2020)
- ▶ 12 Fisher Street Parking Justification Study, Brantford (2020)
- ▶ 120 Huron Street, Parking Justification Study, Guelph (2020)
- ▶ 463-467 West Street, Parking Justification Study, Brantford (2020)
- ▶ Victoria Street & Park Street, Innovation Park, Parking Justification Study, Kitchener (2020)
- ▶ 24 Union Street Parking Justification Study, Waterloo (2020)
- ▶ 130-142 Victoria Street, Parking Justification Study, Kitchener (2020)
- ▶ Fuller Street & Boucher Street Parking Justification Study, Meaford (2020)
- ▶ 33 Erie Avenue Parking Justification Study, Brantford (2020)
- ▶ 550 Lancaster Street, Parking Justification Study, Kitchener (2020)
- ▶ City of Waterloo Parking Utilization Survey (2019)
- ▶ Woodstock Downtown Development Parking Study (2019)
- ▶ City of Guelph Active Transportation Study: Sidewalk Needs Assessment (2015)
- ▶ City of Kitchener Comprehensive Review of Zoning By-law (2014)
- ▶ City of Coburg Parking Study (2013)
- ▶ Perimetre Institute Parking Study (Waterloo) (2011 & 2014)
- ▶ Kitchener Auditorium Parking Study (Kitchener) (2011)
- ▶ University of Waterloo Master Plan Parking Study (Waterloo) (2008)
- ▶ 395 Park Road North Parking Justification Study, Brantford (2019)
- ▶ 70 Fountain Street Parking Justification Study (2019)
- ▶ 195 Hespeler Road Parking Justification Study, Cambridge (2018)
- ▶ 305 Joseph Street Parking Study, Kitchener (2017)
- ▶ 128 King Street North Parking Study, Waterloo (2014)
- ▶ Catholic Family Counselling Centre Parking Study (Kitchener) (2008)

Travel and Market Surveys

Role: Project Manager, Survey Supervisor, Surveyor

Responsibilities: Survey planning and training, Supervision of Survey Crews, Conducting Surveys, Data Analysis, Project Management, Report Writing

- ▶ Saugeen Shores Downtown Parking Study (2023)
- ▶ City of Waterloo Parking Utilization Study (2019)
- ▶ Woodstock Downtown Development Parking Study (2019)
- ▶ City of Guelph Active Transportation Master Plan (2015)
- ▶ City of Coburg Parking Study (2013)
- ▶ MTO Cross Border Survey (2012 & 2013)
- ▶ Simcoe Commercial Vehicle Survey (2010 & 2011)
- ▶ Mitchell River Crossing (Mitchell Ontario) (2009)
- ▶ Grand River Transit On-Board Passenger Survey (Waterloo Region) (2008)



Expert Testimony

Role: Project Technical Staff

Responsibilities: Documentation, project analysis, expert testimony, settlement discussion preparation

- ▶ 580 Coldstream Drive, Waterloo (2022)
- ▶ 248 Grand River Avenue, Brantford (2022)
- ▶ 24 Union Street, Waterloo (2021)
- ▶ 926 King Street East, Kitchener (2021)
- ▶ 395 Park Road North, Residential Development, Brantford (2020)
- ▶ Valery Homes Limited Development, Paris (2019)
- ▶ Paris Grand Redevelopment (Paris (2016-2018)
- ▶ Cambridge West Development, Cambridge (2019-2018)
- ▶ Saginaw Golf Course Redevelopment (2016-2018)
- ▶ 69 Amherst Drive, Kitchener (2018)
- ▶ Thomasfield Mixed Use Development, Breslau (2016)
- ▶ Ottawa and Trussler Residential Development (2014)
- ▶ 35 University Ave W, Waterloo (2013)





Work Experience

2010–present
Vice President and Chief
Resources Officer

Paradigm Transportation
Solutions Limited
Cambridge ON

2006–2010
Senior Project Manager

HDR | iTRANS Corporation
Cambridge ON

2001–2006
Associate, Manager –
Transportation Planning

Totten Sims Hubicki
Kitchener ON

1999–2001
Project Manager

Dillon Consulting Limited
Toronto ON

1993–1999
Transportation Planner

City of Surrey
Surrey BC

Mr. Elkins has corporate responsibility for the delivery of consulting services to our public and private sector clients. Stewart oversees all aspects of human resource management including policies, procedures and operations for Paradigm. He is also on the Board of Directors and works as part of a team in maintaining the mission, vision and values of the company.

Stewart has over 30 years of progressive transportation planning and traffic engineering experience in both the public and private sectors.

He has managed a variety of multi-modal projects throughout Ontario including transportation master plans, municipal class EA's, truck route studies, transportation policies, neighbourhood traffic management studies, parking studies, transportation demand management studies and transportation impact assessments.

Mr. Elkins has considerable experience in undertaking and peer reviewing transportation impact studies for commercial/retail, residential, institutional, recreational, and industrial land uses. This type of analysis is a specialized study of the impact that a certain type and size of development will have on the surrounding transportation system. The objective is to identify the mitigative requirements to accommodate the increase in traffic and to ensure on-site circulation and site design are appropriate.

Stewart has completed numerous complex parking studies for all types of land uses. These types of studies consider supply and demand along with parking management strategies. The provision of parking can be very costly, especially for infill developments. Strategies such as shared parking, unbundling, parking stackers, facility design and provision of Transportation Demand Management measures are key in achieving an efficient and sustainable parking system.

Mr. Elkins also has substantial expertise with respect to access design, circulation systems, and parking design for all types of residential, commercial, industrial, institutional, and recreational land uses. He has reviewed over 2000 site plans throughout his career and has developed transportation policy and design guidelines for use by public sector clients.

He is a member of the Canadian Institute of Transportation Engineers and was Past President of the Southwestern Ontario Section.

Education

- ▶ Bachelor of Environmental Studies (Honours),
University of Waterloo, 1993

Professional Affiliations

- ▶ Member, Institute of Transportation Engineers
- ▶ Member, Ontario Traffic Council

Community Involvement

- ▶ University of Waterloo Athletics Scholarship
- ▶ CityKidz, Hamilton
- ▶ KW Christmas Bureau

Expert Testimony

Role: Expert Witness

Responsibilities: Evidence Preparation, Expert Testimony, Liaison with Counsel and Participants

- ▶ 335-355 Plains Road – City of Burlington / Weirfoulds
- ▶ 9 Dee Road – Town of Niagara-on-the-Lake / Sullivan Mahoney
- ▶ 310 Frances Avenue – City of Hamilton / Goodmans
- ▶ 2107 Old Lakeshore Road – City of Burlington / Turkstra Mazza Associates
- ▶ 28-60 Bronte Street North – Town of Milton / Turkstra Mazza Associates
- ▶ 959 Chemong Road – City of Peterborough
- ▶ 325 Highway 8 – City of Hamilton / Municipal Law Chambers
- ▶ 2085 Pine Street – Burlington / Weirfoulds
- ▶ 4210 Lyons Creek Road – City of Niagara Falls / Sullivan Mahoney
- ▶ 2069 Lakeshore Road – City of Burlington / Turkstra Mazza Associates
- ▶ 633 South Pelham Road – City of Welland / Sullivan Mahoney
- ▶ Erin Pit – Winston Churchill Boulevard – Town of Caledon / Devry Smith Frank LLP
- ▶ West End Homebuilders – City of Burlington / Weirfoulds
- ▶ 600 James Street North – City of Hamilton / Weirfoulds
- ▶ Alliston Woods, Garrison Road – Fort Erie / Sullivan Mahoney
- ▶ 1085 Clearview Avenue – City of Burlington / Weirfoulds
- ▶ 560 Grays Road – City of Hamilton / Turkstra Mazza Associates
- ▶ 261 King Street East – City of Hamilton / Turkstra Mazza Associates
- ▶ 609 Hamilton Street – City of Hamilton / Turkstra Mazza Associates
- ▶ 85 Pearson Road – City of Welland / Daniel & Partners LLP
- ▶ Erin Pit – 10th Line – Town of Erin / Devry Smith Frank LLP
- ▶ Bumstead Pit – 60 Sideroad – Township of Chatsworth / Devry Smith Frank LLP
- ▶ Waverly Beach Developments – 672 Edgemere Road – Town of Fort Erie / Duxbury Law
- ▶ Al Kitab Academy Inc. – 7575 Danbro Crescent – City of Mississauga / Turkstra Mazza Associates
- ▶ ADI Developments – 4880 Valera Road – City of Burlington / WeirFoulds
- ▶ Niagara Pines Developments - 396 Aqueduct Street – City of Welland / Sullivan Mahoney
- ▶ 385 Glendale Avenue – City of St. Catharines / Sullivan Mahoney
- ▶ 451 Vansickle Road – City of St. Catharines / Sullivan Mahoney
- ▶ Losani Homes – St. George Developments / WeirFoulds
- ▶ Cotton Factory – 270 Sherman Avenue – City of Hamilton / WeirFoulds
- ▶ Mikmada Homes – 383 Dundas Street East – City of Hamilton / Municipal Law Chambers
- ▶ Sleek Developments – 4536 Portage Road – City of Niagara Falls / Sullivan Mahoney
- ▶ Prica Global – 71-77 Leland Drive – City of Hamilton / Smith Valeriotte
- ▶ FBNM Enterprises Ltd. – 9825 Yonge Street – Richmond Hill / Land Law
- ▶ Shire Corporation – Town of Lincoln / Turkstra Mazza Associates
- ▶ ADI Developments – 374 – 380 Martha Street - City of Burlington / WeirFoulds
- ▶ Niagara Falls Facility Inc. – City of Niagara Falls / Sullivan Mahoney



- ▶ Homestead Christian Care - 18 Vansittart Avenue – City of Woodstock, T. Zimmerman Law Prof. Corp.
- ▶ Pro Oil – City of Niagara Falls / Sullivan Mahoney
- ▶ Starbank Development – Norwich Avenue, County of Oxford
- ▶ Rock Developments County Road 19 – Town of Tecumseh, Stipic Arpino
- ▶ Radial Investments – City of Mississauga, Burnac Corporation
- ▶ General Chemical Site Access – Town of Amherstburg, Price Waterhouse / Stikeman Elliott
- ▶ Doon South Lands – City of Kitchener, Monarch Corporation / Stikeman Elliott
- ▶ JATM Automotive – Township of Guelph-Eramosa, County of Wellington / Turkstra Mazza Associates
- ▶ Home Depot Lands – Queens Quay / Cherry Street, Toronto Port Authority
- ▶ County Style Donuts – Dundas Street / Cliff Road, City of Mississauga

Community Transportation Planning

Roles: Project Manager, Transportation Planner

Responsibilities: Research, Evaluation of Alternatives, Policy Formulation, Guideline Development, Public and Stakeholder Consultation, Council Presentations, Project Management, Demographic Forecasting, Travel Demand Forecasting, Network Analysis, Evaluation of Alternatives, Program Development, Policy Formulation, Conceptual Design, Traffic Operations Analysis, Traffic Forecasting, Safety Analysis, Technical Review

Transportation Policy

- ▶ Sidewalk Policy Study, Municipality of Chatham-Kent
- ▶ Cycling and End-of-Trip Facilities Policy and Action Plan, Town of LaSalle
- ▶ York Boulevard Cycling Lanes Class EA, City of Hamilton
- ▶ Parade and Special Events Policy, Municipality of Chatham-Kent
- ▶ Alternative Local Road Standards Study, City of Surrey
- ▶ Development Charges Update, County of Wellington
- ▶ Tandem Parking Guidelines, City of Surrey
- ▶ Corridor Management and Access Control Policy and Action Plan, Town of LaSalle

Transportation Master Plans

- ▶ County of Oxford Transportation Master Plan – 2020, County of Oxford
- ▶ City of Owen Sound Transportation Master Plan - 2010, City of Owen Sound
- ▶ Westshore Settlement Area Transportation Master Plan - 2010, Township of Severn
- ▶ County of Oxford Transportation Master Plan - 2009, County of Oxford
- ▶ Guelph-Wellington Transportation Master Plan - 2005, City of Guelph

Community and Secondary Plans

- ▶ North Perth Transportation and Parking Study, North Perth
- ▶ Saugeen Shores Official Plan and Zoning Update, Town of Saugeen Shores
- ▶ Rural East Lands Study, City of Waterloo
- ▶ South Ingersoll Secondary Plan Traffic Study, County of Oxford
- ▶ Doon South Community Road Network Review, City of Kitchener
- ▶ Hurontario Street and Eglinton Street Node Study, City of Mississauga
- ▶ Highway 401 Corridor Integrated Planning Study, Town of Halton Hills
- ▶ Glen Williams Secondary Plan, Town of Halton Hills



Truck Route Studies

- ▶ County of Brant Truck Route Study, County of Brant
- ▶ Eighth Line Truck Route Study – Upper Middle Road to Dundas Street, Town of Oakville
- ▶ Truck Routes and Dangerous Goods Routes Network Study, City of Surrey

Corridor Studies

- ▶ Highway 24 Transportation Corridor Planning and Class EA Study – Brantford to Cambridge, Ministry of Transportation Ontario
- ▶ Fraser River Crossing Planning and Evaluation Study – Surrey to Maple Ridge, Ministry of Transportation and Highways (BC)
- ▶ Highway 407 East Completion Environmental Assessment – Durham Region, Ministry of Transportation Ontario
- ▶ Highway 26 Corridor Planning and Class EA Study through Collingwood - Traffic Operations Report, Ministry of Transportation Ontario
- ▶ Highway 86 / Regional Road 85 Simulation Study – St. Jacobs, Region of Waterloo
- ▶ South Fraser Perimeter Road Study – City of Surrey, British Columbia
- ▶ Keele Street: Avenues Concept – Highway 401 to Steeles Avenue, City of Toronto
- ▶ Pine Valley Drive Study, City of Vaughan

Traffic Operations and Safety Analysis

Role: Project Manager, Transportation Planner

Responsibilities: Traffic Forecasting, Traffic Operations Analysis, Safety Analysis, Evaluation of Alternatives, Policy Formulation, Conceptual Design, Preliminary and Detailed Design, Public and Stakeholder Consultation, Council Presentations, Project Management

Neighbourhood Traffic Calming

- ▶ Chatham-Kent Traffic Calming Policy, Municipality of Chatham-Kent
- ▶ Lakeside Subdivision Traffic Calming Plan – Town of Ajax, Runnymede Development Corporation
- ▶ Traffic Calming Policy and Action Plan, Town of LaSalle
- ▶ Traffic Calming Projects (Various), City of Surrey, British Columbia
- ▶ Ambleside Area Traffic Calming Study, City of London
- ▶ Westmount Area Traffic Calming Study, City of London
- ▶ Norwich Street Bridge Crossing Class EA, City of Guelph
- ▶ Lake Louise Boulevard Traffic Calming Class EA, City of Waterloo

Transportation Peer Reviews

- ▶ Forbes Estate North Hespeler Residential Development TIS, City of Cambridge
- ▶ Muskoka Lakes Golf and Country Club Class EA, Town of Gravenhurst
- ▶ Howitt Park Residential Development TIS, City of Guelph
- ▶ Starbank Commercial Development TIS - City of Woodstock, County of Oxford
- ▶ Hunder Developments Aggregate TIS, Township of Woolwich
- ▶ Capital Paving Aggregate TIS, Township of Woolwich
- ▶ Sifton Commercial TIS – Town of Ingersoll, County of Oxford
- ▶ King Street Commercial Traffic Operations Report, Courtice, Region of Durham
- ▶ Williams Parkway Screenline Analysis, Region of Peel



Transportation Impact Assessment

Role: Director, Project Manager

Responsibilities: Traffic Forecasting, Traffic Operations Analysis, Safety Analysis, Technical Review, Conceptual Design, Stakeholder Consultation, Council Presentations, Project Management

Residential

- ▶ Hendric Residential Subdivision – Anten Mills, Simcoe County, R.G. Robinson
- ▶ Aurora Ridge – Can Village, Town of Newmarket, R.G. Robinson
- ▶ Northwest Brantford Subdivision – Hardy Road, City of Brantford
- ▶ Seniors Development – La Fontaine, Simcoe County, Gibson and Associates
- ▶ Monarch Subdivision Intersection Review – City of Kitchener, Monarch Corporation
- ▶ Doon South Lands, New Dundee Road – City of Kitchener, Monarch Corporation
- ▶ Pine Ridge Retirement Community, Town of Gravenhurst
- ▶ Iron Gate Drive Intersection Review – Paris, County of Brant
- ▶ Waterscape Residential Development – City of Cambridge, Haastown Holdings

Commercial

- ▶ Office and Fitness Centre Development – Victoria Street, Kitchener, City Management
- ▶ Highland West Commercial Centre – Ira Needles Boulevard, Kitchener, Silvestri Investments
- ▶ McDonalds and Esso Station, Lakefield, Recon Construction Management
- ▶ Brewers Retail – Weber Street, Kitchener, Shea's Theatre Ltd.
- ▶ Price Chopper – Weber Street, Kitchener, Sobey's
- ▶ Greenland Nurseries – Hespeler Road, Cambridge
- ▶ Jiffy Lube and Car Wash Centre – Appleby Line, Burlington
- ▶ Leamington Auto Mall – Highway 3, Leamington, Bruce D. Crozier and Associates
- ▶ Tim Hortons, City of Sarnia, TDL Group Ltd.
- ▶ Pineo Property, County of Brant, Howard Snodgrass Planning
- ▶ SmartCentres – First Avenue, City of St. Thomas
- ▶ SmartCentres – Lauzon Parkway, City of Windsor
- ▶ Tofino Developments – Cornwall Road, Town of Oakville
- ▶ Burger King – University Avenue, City of Windsor
- ▶ Highland Vineyards, Town of Lincoln
- ▶ First Gulf Milton Commercial Lands – Steeles Avenue, Town of Milton
- ▶ Cadillac-Fairview LimeRidge Mall, City of Hamilton
- ▶ Gemini Motors – Manitou Drive, City of Kitchener
- ▶ Cadillac-Fairview – Bayfield Road, City of Barrie
- ▶ Exit Realty Commercial Development – Townline Road, City of Cambridge
- ▶ Canadian Tire Corporation – Various Locations
- ▶ Wendy's Restaurants of Canada Inc. – Various Locations
- ▶ Strawberry Hills Shopping Centre – 120 Street, City of Surrey
- ▶ Victoria Park Car Wash, Victoria Drive, City of Toronto
- ▶ Main Street Commercial TIS – Grand Bend, Lambton Shores
- ▶ Emery Developments Office and Retail Development – Palladium Way, City of Burlington



Industrial

- ▶ ORC Lands – Alton Community between Walkers Line and Appleby Line, City of Burlington
- ▶ Chrysler Automotive Dealership, Town of Dunnville
- ▶ Emery Industrial Development – Appleby Line, City of Burlington
- ▶ ORC Lands – 14th Avenue and Highway 404, Town of Markham
- ▶ Magna International, City of St. Thomas
- ▶ Vancouver Sun Pacific Press, City of Surrey, British Columbia
- ▶ BWS Feeds – Regional Road 85, Town of Listowel
- ▶ Babcock and Wilcox – Coronation Boulevard, City of Cambridge

Institutional

- ▶ Keswick Sutherland School and Equestrian Centre – Eighth Line, Town of Halton Hills
- ▶ Cameron Heights Collegiate Institute Traffic Study and Access Review – Charles Street, City of Kitchener
- ▶ ORC – London Normal School Site, City of London
- ▶ River Ryan Elementary School, City of Halifax
- ▶ William Osler Health Centre – Queen Street, City of Brampton
- ▶ Surrey School Board District #36 (Various)
- ▶ Kwantlen College, City of Surrey, British Columbia

Recreational

- ▶ Ball’s Falls Conservation Area, Niagara Peninsula Conservation Authority, Region of Niagara
- ▶ Vicwood Golf and Country Club, Langley, British Columbia
- ▶ West End Community Centre Parking and Access Study, City of Guelph

Aggregates (Pits and Quarries)

- ▶ Reid Road Reservoir Quarry – Town of Milton, Halton Region, James Dick Construction Limited
- ▶ Erin Pit – Town of Caledon, Peel Region, James Dick Construction Limited
- ▶ Erin Pit – Town of Erin, Wellington County, Halton Crushed Stone Limited
- ▶ Avening Pit – Simcoe County, Lafarge Canada
- ▶ New Lowell Plant Access Review and Sight Distance Analysis – Simcoe County, Lafarge Canada
- ▶ Gurney Sand and Gravel – County of Brant, Howard Snodgrass Planning
- ▶ Lawford Property – Peel Region, Lafarge Canada
- ▶ North Dumfries Pit Haul Route Alternatives and Comparative Evaluation – Region of Waterloo, Cambridge Aggregates / Long Environmental
- ▶ North Dumfries Pit – Traffic Study Update and Access Design – Region of Waterloo, Cambridge Aggregates / Long Environmental
- ▶ Clarington Plant – Region of Durham, Lafarge Canada
- ▶ Limebeer Property – Region of Peel, Lafarge Canada
- ▶ State of Aggregate Resources in Ontario, MNR / MHBC
- ▶ Oster-Avening Pit – Simcoe County, Lafarge Canada
- ▶ Oster-Avening Pit Update – Simcoe County, Lafarge Canada
- ▶ Blight-Campbell Pit – Thames Centre, Lafarge Canada
- ▶ Formosa Environmental Aggregates – Simcoe County, Fortune Minerals Ltd.

Parking Planning



Role: Project Manager,
Transportation Planner

Responsibilities: Survey Design and Administration, Parking Demand Forecasting, Traffic Operations Analysis, Safety Analysis, Evaluation of Alternatives, Technical Review, Conceptual Design, Public and Stakeholder Consultation, Council Presentations, Project Management

Municipal

- ▶ World Youth Day Public Parking Operations Review and Plan Development - Downsview Lands, City of Toronto
- ▶ Port Dover Parking Study, Norfolk County
- ▶ Mississauga Courthouse and Municipal Offices Parking and Traffic Study – Burnhamthorpe Road, City of Mississauga

Development

- ▶ Scottsdale Mall Parking Assessment, City of Guelph
- ▶ Celestica World Headquarters – Don Mills Road at Eglinton Avenue, City of Toronto
- ▶ Wendy's Restaurants of Canada Inc. – Yonge Street and Doncaster Avenue, Town of Richmond Hill
- ▶ Cadillac-Fairview Development Corporation (Various Mall Locations – Hamilton, Barrie, Toronto)
- ▶ 480 Stone Church Road Mixed-Use Development, City of Hamilton

Environmental Assessment

Role: Traffic Engineering,
Transportation Planning and
Public Consultation

Responsibilities: Travel Demand Forecasting, Traffic Operations Analysis, Need and Justification, Evaluation of Alternatives, Conceptual and Preliminary Design, Public and Stakeholder Consultation, Council Presentations, Project Management

Municipal Roads

- ▶ Main Street West / McMaster University Entrance Class EA, City of Hamilton
- ▶ King Street (Pottruff Road to Nash Road) Class EA, City of Hamilton
- ▶ Mountain Road (Regional Road 70) Class EA, Region of Niagara
- ▶ Fixed Link to the Toronto City Centre Airport Class EA, Toronto Harbour Commissioners
- ▶ McNeilly Road (Barton Street to South Service Road) Class EA, City of Hamilton
- ▶ Watson Road (York Boulevard to Speedvale Avenue Class EA, City of Guelph
- ▶ York Road (Wyndham Street to East City Limits) Class EA, City of Guelph
- ▶ Townline Road (Avenue Road to Can-Amera Parkway) Class EA, Region of Waterloo
- ▶ Weber Street (Northfield Drive to Benjamin Road, Region of Waterloo
- ▶ County Road 51 (Vienna Road to Mall Road) Class EA, County of Oxford
- ▶ Norwich Street (Montclair Road to Parkinson Road) Class EA, County of Oxford
- ▶ County Road 17, 30, 59 (Pittock Park Drive to County Road 2) Class EA, County of Oxford
- ▶ Willow Street Realignment and Curtis Avenue Class EA, County of Brant
- ▶ Fisher-Hallman Road (Erb Street to Columbia Street) Class EA, Region of Waterloo
- ▶ Kennedy Road (Derry Road to Steeles Avenue) Class EA, City of Brampton
- ▶ Bridge Street (University Avenue to Lexington Road) Class EA, Region of Waterloo



- ▶ Town of Erin Truck Route and Main Street Improvements Class EA, County of Wellington
- ▶ Fischer-Hallman Road (Ottawa Street to Activa Avenue) Class EA, Region of Waterloo
- ▶ Winston Churchill Boulevard at Derry Road Class EA, Region of Peel
- ▶ Bovaird Drive Intersections Class EA, Region of Peel
- ▶ Talisman Drive Class EA, Town of Gravenhurst / District of Muskoka

