

Dylan Passmore, MScPI, P.Eng.

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CAREER OBJECTIVE

Transportation Design & Planning • Inclusive Design • Public Realm

Leading multi-disciplinary transportation design and planning teams seeking inclusive sustainable transportation initiatives, particularly related to walking and cycling, while engaging with and learning from the diverse stakeholders affected by these endeavors.

TRANSPORTATION DESIGN & PLANNING EXPERIENCE

2014 - Present

Senior Transportation Design Engineer: City of Vancouver

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- Responsible for leading complex corridor projects focused on improving walking and cycling, supervising junior staff, and leading improvements to Vancouver’s street design practices, particularly inclusive design.
- Central role developing Vancouver’s Engineering Quality Manual to capture and improve Transportation’s professional engineering practices (first BC municipality to achieve EGBC OQM compliance). Heavily involved in divisional re-org and automating design review processes.
- Regularly supporting peer networks, guiding local tours for visiting professionals, guest lecturing at universities, and presenting at conferences, webinars, and workshops, e.g. 2020 TAC; NACTO Designing Cities 2019, 2018, 2017 & 2016; APBP 2019; Velocity 2018 & 2012; NACTO 2016 Protected Intersections Roadshow (Boston); PWPBPP 2016; ITE QUAD 2015; and TRB 2010.

Recent Project experience includes:

GRANVILLE BRIDGE CONNECTOR

- Project owner and Engineer of Record for the “Granville Bridge Connector”, the signature transportation project for the City’s 2019-2022 Capital Plan that aims to incorporate improved walking and cycling connections into the bridge’s 1950’s expressway design.

10TH AVENUE CORRIDOR (HOSPITAL ZONE)

- Project owner and lead Engineer for approximately \$15M in pedestrian realm and bikeway improvements along 10th Avenue, including BC’s largest health precinct (“10th Avenue Hospital Zone”).
- Engineer of Record for concept and preliminary design, authored Council report, and continue to oversee all public and stakeholder engagement activities and data analysis (video, parking, volumes).

INCLUSIVE DESIGN

- Leading engagement effort to update the City’s accessible design practices, particularly protected intersections.
- Leading development and analysis of interventions to improve pedestrian / cyclist interaction at key crossing locations.

DEVELOPMENT-RELATED DESIGNS

- Project owner and Engineer of Record for multi-phased protected bike lane designs being implemented through a series of large-scale developments along Great Northern Way (e.g. new Emily Carr and MEC head office).

2007 - 2014

Transportation Planning Consultant: IBI Group

IBI GROUP

- Specialized in street design; pedestrian behaviour; access to transit; pedestrian, cycling, and public transit policy; and urban design research.
- Responsibilities included project management, conceptual and preliminary street/bike lane design, authoring reports, policy development, GIS mapping, statistical analysis, survey design, and desktop publishing.

Project experience included:

- Hamilton Protected Bike Lane Design [Co-design lead]
- York Region BRT Corridor Protected Bike Lanes [Designer & co-author]
- Metrolinx Mobility Hub Cycling Access Analysis [PM & lead author]
- Rio de Janeiro PBL Corridor Designs (45km) and State-wide AT Master Plan [PM, lead author, & design lead]
- TransLink GHG Emissions Model [PM & lead author]
- Several Walking and Cycling Masters Plans: *Rio de Janeiro, Halton Region, Region of Waterloo, Kitchener, Ajax, Cornwall, Peel Region, and Whitby* [Author, engagement coordinator, & GIS]
- Capital Regional District (CRD) Regional Transportation Plan [Co-author]
- Toronto car share zoning by law study (presented at TRB) [Co-author]
- Metrolinx Regional Transportation Plan "The Big Move" [Policy & mapping]
- Transport Canada Active Transportation Strategy [Researcher & author]
- TAC Active Transportation Successes [Lead author]
- TAC 4th Urban Transportation Indicators Survey [Researcher & author]

2006 - 2007

Researcher: U of T, Current Issues Paper

U OF T

- Applied qualitative research methods for my Planning degree thesis, "The Experience of Walking to Public Transit in São Paulo, Brazil", which included interviews with planning practitioners and *in situ* interviews.

2007 (Summer) Research Assistant: U of T, Centre for Urban and Community Studies

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- Conducted interviews and literature reviews for Dr. Andre Sorensen to compile dossiers detailing strategies, resources, and networks employed by Toronto's public space and cycling groups.

MEMBERSHIP

- EGBC, licensed Professional Engineer (previously licensed under PEO)
- Association of Pedestrian and Bicycle Professionals
- NACTO peer network
- City of Toronto Pedestrian Committee, former member
- Toronto Coalition for Active Transportation, former S.C. member

TECHNICAL SKILLS

Having previously worked in software engineering, my technical skills are strong and I tend to learn new software / platforms quickly.

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| AutoCAD | InDesign, Illustrator, Photoshop | ArcGIS | Lightroom | C++, Python, Java, HTML / CSS, SQL |
|---------|----------------------------------|--------|-----------|------------------------------------|

POST SECONDARY EDUCATION

2007

M.Sc.PI.

Urban Planning - University of Toronto

(with exchange term at Universidade de São Paulo, Brazil)

Specializing in transportation: contemporary approaches to street design, cycling and pedestrian planning & design, urban design research and practice, and environmental psychology.

2000

B.Sc. (Hons)

Computer Engineering - Queen's University

(92nd percentile)

PUBLICATIONS

- Engel-Yan & Passmore (2013) Carsharing and Car Ownership at the Building Scale: Examining the Potential for Flexible Parking Requirements. Journal of the American Planning Association [JAPA].
- Engel-Yan & Passmore (2010) Assessing Alternative Approaches to Setting Parking Requirements. ITE Journal.
- Engel-Yan & Passmore (2010) Carsharing and Reduced Vehicle Ownership: Making the Connection in Residential Parking Requirements. TRB 89th Meeting.
- Roorda & Passmore (2008) Including Minor Modes of Transport in a Tour-Based Mode Choice Model with Household Interactions. TRB 87th Annual Meeting.

ACADEMIC DISTINCTIONS AND HONOURS

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- Co-authored TRB paper (see above)
- Canadian Transportation Research Forum Scholarship
- 3 University of Toronto Fellowships

QUEEN'S

- Nortel Upper Year Engineering Award, 3 Dean's Awards, NSERC Award - Industrial undergraduate student research award

GENERAL INTERESTS

ACTIVITY

- 20 years living car-free - regularly commuting by foot, bike, and transit
- Brazilian percussion and dance, tennis, frisbee, disc golf, and foosball

TRAVEL

- 4+ years spent in Brazil and travel to Cuba, Central America, and Western Europe
- Volunteered for 6 months in San José, Costa Rica

LANGUAGE

- Portuguese, Spanish, and French (in order of decreasing fluency)

REFERENCES AND WRITING SAMPLES AVAILABLE UPON REQUEST