



Complete Streets Forum

May 27th, 2013

PRESENTED BY

toronto centre for
active transportation



GOLD



SILVER



Social Sciences and Humanities
Research Council of Canada

Conseil de recherches en
sciences humaines du Canada



BRONZE



PARTNERS





7:30am Registration/Continental Breakfast

8:15 – 10:30am Mobile Workshops*

*Sign-up required for all workshops; Limited capacity

Green Line Walking Tour (depart @8:15 a.m. from Hyatt Regency lobby)

Inspired by New York City's High Line and the success of Toronto's West Toronto Rail Path, the Green Line initiative ideas competition will demonstrate the potential of a five kilometre hydro corridor from Davenport Village to the Annex that could result in an incredible pedestrian and cycling link across the middle of the city. *Led by: Netami Stuart, Landscape Architect, City of Toronto*

Yorkville Pedestrian Improvements Walking Tour (depart @8:30 a.m. from Hyatt Regency lobby)

Over the past two years, to serve some of the highest pedestrian volumes in Canada and to make Toronto a more walkable, liveable city, Yorkville has undergone significant improvements including widened sidewalks, mature trees and pedestrian scrambles. An upcoming change on Bay St. will reclaim a portion of the sidewalk space that was cut back to accommodate a valet parking lay-by. *Led by: Fiona Chapman – Manager, Pedestrian Projects, Public Realm Section, Transportation Services and Dylan Reid – Associate Editor, Spacing Magazine*

Sherbourne Cycle Tracks Bike Tour (depart @9 a.m. from BIXI Station, 21 Widmer Street)

Bike tour of Toronto's first cycle track project on Sherbourne St. featuring two distinct designs: a street-level cycle track with a raised curb implemented as a retro-fit project north of Gerrard St and raised cycle track design as part of a reconstruction project south of Gerrard St. *Led by: Daniel Egan – Manager; Saikat Basak – Engineer, Cycling Infrastructure & Programs, Transportation Services; and Jared Kolb – Executive Director, Cycle Toronto*

Bike Tour of Toronto's Contra-Flow Bike Lanes (depart @ 9 a.m. from BIXI Station, 21 Widmer Street)

Tour of Toronto's established contra-flow bicycle lanes led by city staff and a local resident knowledgeable about the features of the street changes, how all road users are accommodated, and the benefits of this type of bikeway design. Time permitting, at the end of the ride, the group will debrief at the Hyatt Regency and discuss plans and drawings for Shaw Street, the location of Toronto's newest contra-flow lane to be installed in 2013. *Led by: Christina Bouchard – Assistant Planner, Cycling Infrastructure & Programs, Transportation Services Paul Young – Landscape Architect, Public Space Workshop*

9:00 – 10:30am Hands-On Workshops*

*Sign-up required for all workshops; Limited capacity

The Complete Streets Game

Studio B

Participants in this exciting Hands-On Workshop will be introduced to the Complete Streets Game. The game is a fun, interactive exercise that helps community groups to design and understand the size and scale of different modes of transportation. The Complete Streets Game is being developed by TCAT and Sweeny Sterling Finlayson & Co Architects. This workshop will be a beta-test for the game. Feedback from participants will help us refine the game before making it available to community groups across Canada. Using a kit-of-parts we will design solutions for converting incomplete streets to complete streets in a group workshop format. The kit-of-parts is a set of graphic blocks that represent different components of streets (bike lanes, sidewalks, bus lanes, trees, furniture etc.). Each block is a slice of a street cross section that is drawn to scale. Participants design their ideal street cross section by arranging the blocks. The game allows everyone to have a chance to design a street without having to measure or draw. The Complete Streets Game equalizes the playing field and lets non-experts co-design their own public space.

Led by: Chris Hardwicke – Senior Associate, Sweeny Sterling Finlayson & Co Architects

People Making Places: The 8-80 Toolbox

Studio C

Using case-studies of 8-80's successful projects in Ontario, this workshop will take you through the beginning phase of People Making Places. You will learn how to measure if your public space is working and key principles for successfully engaging your community in revitalization plans to create complete streets. Participants will have access to the 8-80 Toolbox that holds the diverse number of community engagement tools designed for specific groups such as seniors and youth as well as for more general audiences. This workshop will also provide a forum for conversation about challenges and opportunities faced in each case as well as how 8-80's unique engagement and evaluation tools contributed to the success of these projects. By the end of this session you will have the tools and understanding to: 1) evaluate the effectiveness of your potential complete street, and 2) engage diverse groups in the revitalization process to increase the chance of successful implementation.

Led by Alyssa Bird & Emily Munroe – 8-80 Cities.



Tweeting about the Forum?

During the Complete Streets Forum, mention **@TCATonline** and include the hashtag **#CSF2013** in your Tweets and join the Complete Streets conversation!



9:00 – 9:45am Breakout Parallel Sessions

Impacts of Route Infrastructure on Bicycling Injury Risk: Result from the Bicyclists' Injuries and the Cycling Environment (BICE) Study

Regency Salon D

Anne Harris – Assistant Professor, Ryerson University
Moderator: Monica Campbell – Director of Healthy Public Policy, Toronto Public Health

This study estimated the injury risks for bicyclists posed by different route types and infrastructural elements on streets and off-street paths in Vancouver and Toronto. We recruited 690 bicyclists injured while riding in Vancouver or Toronto and treated at one of five study hospitals. We mapped the trips each participant traveled and compared route infrastructure at each injury location to that found at randomly selected control locations from the same trip (a case-crossover design). Consistently, we found that physical separation from motor vehicles via cycle tracks and local traffic diversion was significantly associated with decreased risks of injury.

Children's Mobility as a Motivator for Complete Streets: How School Travel Planning Engages Communities to Make Routes to School Safer and More Inviting

Regency Salon E

Jacky Kennedy – Green Communities Canada
Moderator: Ron Buliung – Associate Professor, Geography & Planning, University of Toronto

Ensuring the unique needs of children and youth are met through complete streets planning requires a flexible, proven process. The Canadian School Travel Planning (STP) model, disseminated across Canada, provides municipalities with the tools they need to address these needs. This presentation will specifically highlight recently completed case studies, commissioned by Metrolinx, that showcase "School Travel Planning in Action in Ontario". STP engages community stakeholders to: identify barriers to active and sustainable transportation to school using data collection tools; devise and implement action plans for dealing with the issues identified; and measure the resulting changes in attitudes and travel behaviour. This presentation will also feature specific examples of how STP has been effective at bringing diverse stakeholders together to improve conditions for active transportation to and from schools, thereby creating more walk- and bike-friendly communities for all residents.

9:45 – 10:30am Breakout Parallel Sessions

The WALK Friendly Ontario Pilot Experience: What You Need to Know Before You Apply

Regency Salon E

Sharon Mackinnon – Public Health Nurse, City of Hamilton

Allison Miller – Transportation Demand Management Coordinator, City of London

Ashley Priem – Program Coordinator, EcoSuperior Environmental Program

Stephanie Sciberras – Physical Activity Specialist, City of Kingston
Mark Spencer – Vice President, Fort Erie Active Transportation Committee

Moderator: Kate Hall – Active Transportation Consultant, Green Communities Canada

Green Communities Canada has developed the WALK Friendly Ontario (WFO) designation program to recognize municipalities for their efforts to create and improve places to walk. At the heart of the designation program is the assessment tool, which enables municipalities to comprehensively evaluate their policies and practices. In the fall of 2012, five communities across Ontario pilot tested the WFO assessment tool which will serve as the application for designation once the program is launched. Representatives from the pilot communities will describe their experience completing the WFO assessment.

Creating More Urban Cyclists: Using Mapping, Demography and Social Psychology to Change Travel Behaviour

Regency Salon D

Emma Cohlmeier; Trudy Ledsham; Katie Wittmann – Cities Centre, School of Environment, University of Toronto
Moderator – Beth Savan, Cities Centre, School of Environment, University of Toronto

Toronto has lagged behind other urban centres which have fast tracked cycling infrastructure. Despite this, Toronto has greatly increased its cycling population. This presentation will introduce new, evidence-based tools for cycling adoption. Considerable literature and local experience exists on mechanisms to change individual and collective behaviour to promote resource conservation. This presentation represents an adaptation of these interventions to promote cycling for transportation among those currently using other travel modes. Panelists will include presenters on mapping and demographic analysis to target cycling-ready populations, as well as the details of a behaviour change toolkit.

10:30 – 10:45am Registration and Morning Break; Poster Exhibit Area Open

10:45 – 11:40am Welcome and Opening Plenary Remarks Regency Ballroom

Nancy Smith Lea – Director, TCAT

Dr. David McKeown – Medical Officer of Health, City of Toronto

Jennifer Keesmaat – Chief Planner & Executive Director, City Planning, City of Toronto

Stephen Buckley – General Manager, Transportation Services, City of Toronto

Moderator: Antonio Gomez-Palacio – Principal, DIALOG



11:40 – 12:30pm Morning Keynote
Regency Ballroom

Vancouver's Transportation Story

Jerry Dobrovolny – Director of Transportation, City of Vancouver

Moderator: Antonio Gomez-Palacio - Principal, DIALOG

Vancouver has the highest active transportation mode share of Canadian and U.S. cities, the lowest greenhouse gases per capita, and is consistently ranked one of the most livable cities in the world. Jerry Dobrovolny, the City's Director of Transportation, will discuss Vancouver's transportation story, the struggles along the way, the role that complete streets play and the long road ahead as Vancouver strives to become the Greenest City in the World.

12:30 – 1:30pm Lunch
King II

Provincial Launch of the WALK Friendly Ontario Designation Program

Kate Hall – WALK Friendly Ontario

1:30 – 2:15pm Breakout Parallel Sessions

Separated Bike Lanes: The Toronto and Ottawa Experience Regency Ballroom

Daniel Egan – Manager, Cycling Infrastructure & Programs, Transportation Services, City of Toronto
Zlatko Krstulic – Transportation Planner, City of Ottawa
Moderator: David McLaughlin - Senior Project Manager and Partner, MMM Group

In 2011-2012, the City of Toronto and the City of Ottawa implemented their first downtown segregated bike lanes. Each City chose a different innovative approach to their selection, design, and monitoring and evaluation process. The presenters will share the unexpected obstacles they encountered and overcame. The presentations will explore what was different about this project than traditional bike lanes, how they ensured that all road users were accommodated in the design, and what compromises were made. They will also share what lessons they learned and provide tips for what they would do differently next time, in order to expedite the process in other municipalities who are in the early stages of their own separated bike lanes planning.

Complete Streets in Ottawa, Ajax and Sudbury Regency Salon E

Brett Sears – Senior Project Planner, Transportation Planning, MMM Group
Trevor Haché – Policy Coordinator, Ecology Ottawa

Moderator: Ryan Anders Whitney – Complete Streets Manager and CLASP Facilitator, TCAT

A recent community action campaign spearheaded by Ecology Ottawa that mobilized local citizens and public officials alike will be featured in this session as will professional examples of how Complete Streets has been incorporated as a specific policy into 20-year transportation master plans in the Town of Ajax, a suburban city in the Toronto metropolitan area and the City of Greater Sudbury, a northern Ontario city that functions as a regional centre. These policies will guide the development of the future transportation network to make sure that the infrastructure meets the definition of Complete Streets, namely that it is designed, constructed, operated and maintained for all types of users and for all modes of transportation. These three Ontario case studies provide real-world examples, one from an advocacy perspective, and two from a planning perspective.

Walworth Road Mixed Use Demonstration Project (London, UK) Studio B

Peter Piet – Chartered Landscape Architect, Steer Davies Gleave

Moderator: Thomas Smahel – Principal Consultant, Human Factors North

Walworth Road is a radial route carrying 20,000 vehicles per day and a local high street with narrow sidewalks. With problems of road safety and poor environmental quality it became a UK Department for Transport 'mixed priority route' demonstration project. The UK Commission of Architecture and the Built Environment research project *Paved with Gold* identified it as having a poor public realm quality using Transport for London's Pedestrian Environment Review System (PERS). This presentation of international best practices will draw out key lessons learned and discuss their applicability to Toronto including before and after statistics on collisions, traffic flows, and pedestrian environment quality.

Wide Open Possibility: Making and Re-Making Streets in the Suburbs Regency Salon D

Ronji Borooah – City Architect and Head of Urban Design, City of Markham

Ian Chodikoff – Farrow Partnership Architects
Angela Gibson – Head, Policy & Research, Transportation & Community Planning, Regional Municipality of York
Chris Hardwicke – Senior Associate, Sweeny Sterling Finlayson & Co Architects
Sean Hertel – Urban Planning Consultant

This interactive roundtable discussion brings together experts from various disciplines in the public realm, all with unique experiences and perspectives on how to create better streets in the suburban context within the



Toronto region. Come and see how large arterial roads are being scaled for pedestrians and cyclists. Learn new strategies to educate and work with a public that wants more from their surroundings. Hear how municipalities are radically changing their street standards to get different results. The discussion will transcend street form and function by involving the audience in an improvised sketch to illustrate, and find common ground among, a wide range of street users who each have their own unique needs and ideas about what a street should be.

2:15 – 2:30pm Break
Poster Exhibit Area Open

2:30 – 3:15pm Breakout Parallel Sessions

Toronto Wayfinding Strategy – Valuing the Benefits
Regency Ballroom

Fiona Chapman – Manager, Pedestrian Projects, Public Realm Section, Transportation Services, City of Toronto
Jonathan Tong – Transportation Consultant, Steer Davies Gleave
Moderator: Jacquelyn Hayward Gulati – Manager, Cycling Office, City of Mississauga

This presentation will address the economic benefits of improved wayfinding contained within the Toronto Wayfinding System Strategy's multiple account evaluation and outline business case, including evidence from Steer Davies Gleave's post implementation evaluation of the UK's Legible London wayfinding system.

Green, Active and Healthy Neighbourhoods: Inclusive Models for Active Transportation-Based Community Engagement in Montreal and Toronto
Regency Salon D

Jayne Engle-Warnick – Senior Planner, Montreal Urban Ecology Centre
Kate Mulligan – Research Consultant, Healthy Public Policy, Toronto Public Health
Ryan Whitney – Complete Streets Manager and CLASP Facilitator, TCAT
Moderator: Kim Perrotta – Knowledge Translation Coordinator, Healthy Canada by DESIGN CLASP Renewal Initiative, Heart and Stroke Foundation of Canada

This panel presentation will focus on the development and implementation of two community engagement active transportation planning approaches, one in Montreal and the other in Toronto, that provide blueprints for local planning change. In the first presentation the Montreal Urban Ecology Centre (MUEC) will introduce the "Green, Active, and Healthy Neighbourhoods" (GHAN) project funded by the Public Health Agency of Canada (PHAC) and discuss the upcoming collaboration between TCAT and MUEC starting in 2014 to adapt the GHAN model for the Ontario context in four communities across Ontario. In the second

presentation TCAT and Toronto Public Health will jointly introduce two active transportation community engagement projects currently underway in Toronto, with funding from the Heart and Stroke Foundation of Canada's "Coalitions Linking Action and Science for Prevention" (CLASP) initiative.

Pop Up Projects
Regency Salon E

Justin Swan – Senior Project Manager, City of Ottawa
Moderator: James Chan – Senior Associate, Strategic Alignment, MaRS Discovery District

Many cities face resistance when considering progressive urban transportation solutions like shared spaces, one-way to two-way street conversions, road diets / complete streets, on-street parkettes and road closures. These concepts have shown value, but remain difficult to implement in North America. Traditionally, forecasts and operational studies are used to evaluate concepts and rationalize permanent changes to streets. Studies can typically involve consultation, traffic modeling, functional design, and technical review. The extent these components are explored, while comprehensive, can prove costly and problematic for untested solutions. Pop-up projects provide an alternative approach – short-term temporary projects that allow local transportation experts to evaluate concepts, the general public to gain exposure without extensive intrusion, and cities to gain institutional experience with new solutions. This method is quickly becoming popular in Canada's National Capital Region. Input from communities, businesses, and lessons learned from other cities have resulted in the creation of policy, program, project management, and funding mechanisms to support these types of projects. The presentation will highlight benefits of pop-up projects for planning livable and complete streets and Ottawa's recent experiences.

Sidewalk Strategic Planning and Complete Streets in Peterborough, Ontario
Studio B

Susan Sauvé – Transportation Demand Management Planner, City of Peterborough
Moderator: Stewart Chisholm – Program Director, Evergreen

Since 2002, Peterborough has had a policy to provide sidewalks on both sides of all new and redeveloped streets, with the only exception being cul-de-sacs with no walkways and fewer than 30 households. The challenge is that only 50% of existing streets had sidewalks. To improve the pedestrian network, a strategy was developed to guide the prioritization and implementation of new sidewalks along developed streets within the City of Peterborough. This is the Sidewalk Strategic Plan. While the Plan was being developed, the Active and Safe Community Routes Committee, a multi-stakeholder group working to improve active transportation in the



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PROGRAM

Hyatt Regency Toronto, May 27, 2013

City, became interested in Complete Streets. With the Sidewalk Strategic Plan in place, the next hurdle is addressing the needs of cyclists. The Transportation Plan was reviewed and a new Cycling Network was approved in 2012, along with a recommendation to adopt a Complete Streets policy. The readiness of the community to move forward is partly attributed to the Sidewalk Strategic Plan. The Plan is referred to whenever there are sidewalk requests and it is paving the way for Complete Streets in Peterborough.

3:15 – 3:30pm Break
Poster Exhibit Area Open

3:30 – 4:15pm Afternoon Keynote
Regency Ballroom

San Francisco's Transportation Integration Evolution

Timothy Papandreou – Deputy Director, Sustainable Streets, San Francisco Municipal Transportation Agency
Moderator: Antonio Gomez-Palacio – Principal, DIALOG

The San Francisco Municipal Transportation Agency was merged from many separate city departments through citizen action and now has the ability to see the big picture, plan, design and deliver multi-modal integrated projects focused on sustainable people-centred mobility outcomes. The presentation will focus on the agency's multi-pronged approach of integrated demand management and strategic expansion initiatives to support broader sustainable, land-use and complete streets goals, and internal integration to align the agency's staff with those policies.

4:15 – 4:55pm Closing Plenary Panel
Regency Ballroom

What Would You Do with 60 Million per Year? The Importance of the Metrolinx Investment Strategy for Active Transportation

Jacquelyn Hayward Gulati – Manager, Cycling Office, City of Mississauga
Kathleen Llewellyn-Thomas – Commissioner of Transportation & Community Planning, Regional Municipality of York
Leslie Woo – Vice President, Policy, Planning & Innovation, Metrolinx
Moderator: Antonio Gomez-Palacio – Principal, DIALOG

The existing transportation system for the Greater Toronto and Hamilton Area (GTHA) is not meeting the current and future needs of this growing region – economically, socially or environmentally. It is fragmented, inefficient, inequitable and underfunded. Gridlock costs our economy \$6 billion a year; the transportation sector is one of the main contributors to climate change and air pollution, and we have one of North America's longest commute times. A regional

transportation plan, called The Big Move is an overarching, ambitious plan that would dramatically improve transportation in the GTHA. By June of 2013, Metrolinx, the provincial agency responsible for developing The Big Move, will deliver recommendations to the provincial and heads of the GTHA's municipal governments on how to pay for these transportation improvements. Find out more about the investment strategy, its incredible potential for accelerating the completion of walking and cycling networks across the region, and how you can lend your support to make it happen.

4:55-5:00pm Closing Remarks
Regency Ballroom

6:00 – 7:00pm Evening Reception
Glenn Gould Studio, CBC Building, 250 Front Street West

7:00pm Evening Keynote
Glenn Gould Studio, CBC Building, 250 Front Street West

Beyond the Car: Meeting the Challenges of Urban Transportation

Gabe Klein – Commissioner, Department of Transportation
Moderator: Paul Bedford – Adjunct Professor of Urban & Regional Planning, University of Toronto and Ryerson University

A conversation with Gabe Klein, Chicago Commissioner of Transportation and Paul Bedford, former Chief Planner for the City of Toronto. As our region and our cities face critical choices about our transportation future, this promises to be an inspirational and informative evening of vibrant discussions.

Complete Streets Forum 2013 Organizers

TCAT Staff: Nancy Smith Lea, Ryan Whitney
TCAT Interns: Akasha Allen, Ted Horton, Jeana Klassen
Clean Air Partnership Staff: Kevin Behan, Gaby Kalapos

Program Advisory Committee: Wayne Chan, Loy Cheah, Stewart Chisholm, Erica Duque, Keagan Gartz, Jacquelyn Hayward Gulati, Dave McLaughlin, Eleanor McMahon, Kate Mulligan, Sue Shikaze, Sean Wheldrake

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