

REPORT ON WINTER CYCLING CONGRESS 2016 MINNEAPOLIS - ST. PAUL

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Parsons





“Family/Cargo Biking in Winter in Ottawa, Ontario”



Walking. It's awful.

Winter is magical for children. They like to stop a lot. It's the worst. Dinner is at 6pm. You need to cook it. Get up. Stop climbing. Walk faster! C'mon!

And let's not forget...

**KIDS MEAN CARRYING
STUFF**



Transit.

- Children are terrible for transit. They will foil any attempts to arrive at a bus stop on time. Children don't do deadlines.
- Strollers barely fit on buses.
- I love you transit, but...

Schedules are for people who don't stop to collect rocks.



A bit about me





Existing Cycling Infrastructure in the Downtown (geoOttawa.com)

Laurier Ave Segregated Bike Lane

Sampling of Cycling Infrastructure under construction or opened in 2015



Adawe Crossing



Hickory Ped/Cycling Bridge



Main Street Cycle Track (under construction)

At least 3 of 23 Municipal Councillors cycle to work in the winter



Councillor McKenney and Councillor Leiper on the Trillium Pathway, January 2016

Second Coldest Capital in the World?

Winter means different things in different places (wind chill, freeze thaw cycles and amount of darkness)



Photo Credit: Ottawa Bike Lanes



Ottawa

Transportation Master Plan



2014-2030



ottawa.ca

Ottawa

Ottawa Cycling Plan



2014-2017



ottawa.ca

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Ottawa

Ottawa Pedestrian Plan



2014-2017



ottawa.ca

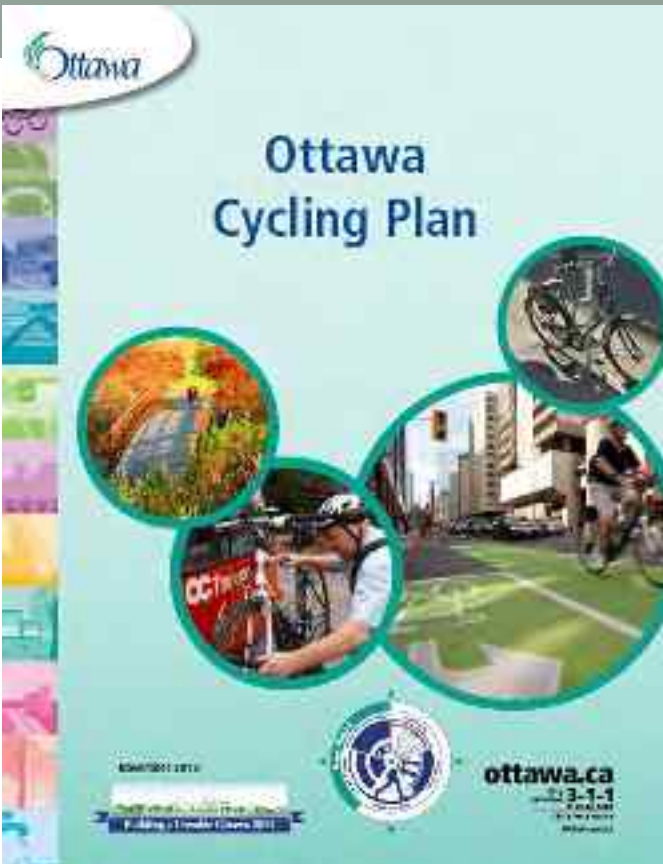
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Plans Approved
November 2013



- Approved in 2013 and set the stage for a “Strategic Initiative” which is part of the 2016 budget deliberations
- Wording of Plan lays out concept of Winter Cycling Network

Strategic Initiative in 2016:
\$250,000 per winter season for four year

Winter Cycling Network

- Approximately 40 km-long of winter-maintained cycling network
- Focussed within a 5 km radius of Ottawa's core area
- 21 km of this network are already winter maintained in some form



Photo Credit: Ottawa Bike Lanes

Old Way

- No specific winter maintenance standard (other than the Laurier Avenue)
- Some on-road facilities and some MUPs cleared as part of regular policy
- Sidewalks to bare pavement in certain areas and snow packed treatment in others



Old Way: Laurier Segregated Bike Lane

- City purchased Holder Tracker with plow, sander, sweeper, and snow blower
- Increased snow removal frequency of the street due to the decrease in storage space on the street
- “Overservicing” to bare pavement



Photo credit: urbancommuter.wordpress.com

New Standard for On-Street Cycling Facilities

- plowed following **2.5 to 5.0 cm** of accumulation
- maintained to the same standard as the neighbouring sidewalk or vehicle travel lanes
- maintained to a **bare pavement standard**
- within 24 hours following the completion of snow accumulation



Photo Credit:
Matthew
Wesley-James

New Standard for Raised Cycle Tracks

- plowed following **2.5 to 5.0 cm** of snow accumulation
- maintained to a **snow packed standard** with the exception of those adjacent to arterial roadways
- snow removal scheduled when snow banks are **encroaching on to 50%** of the existing width



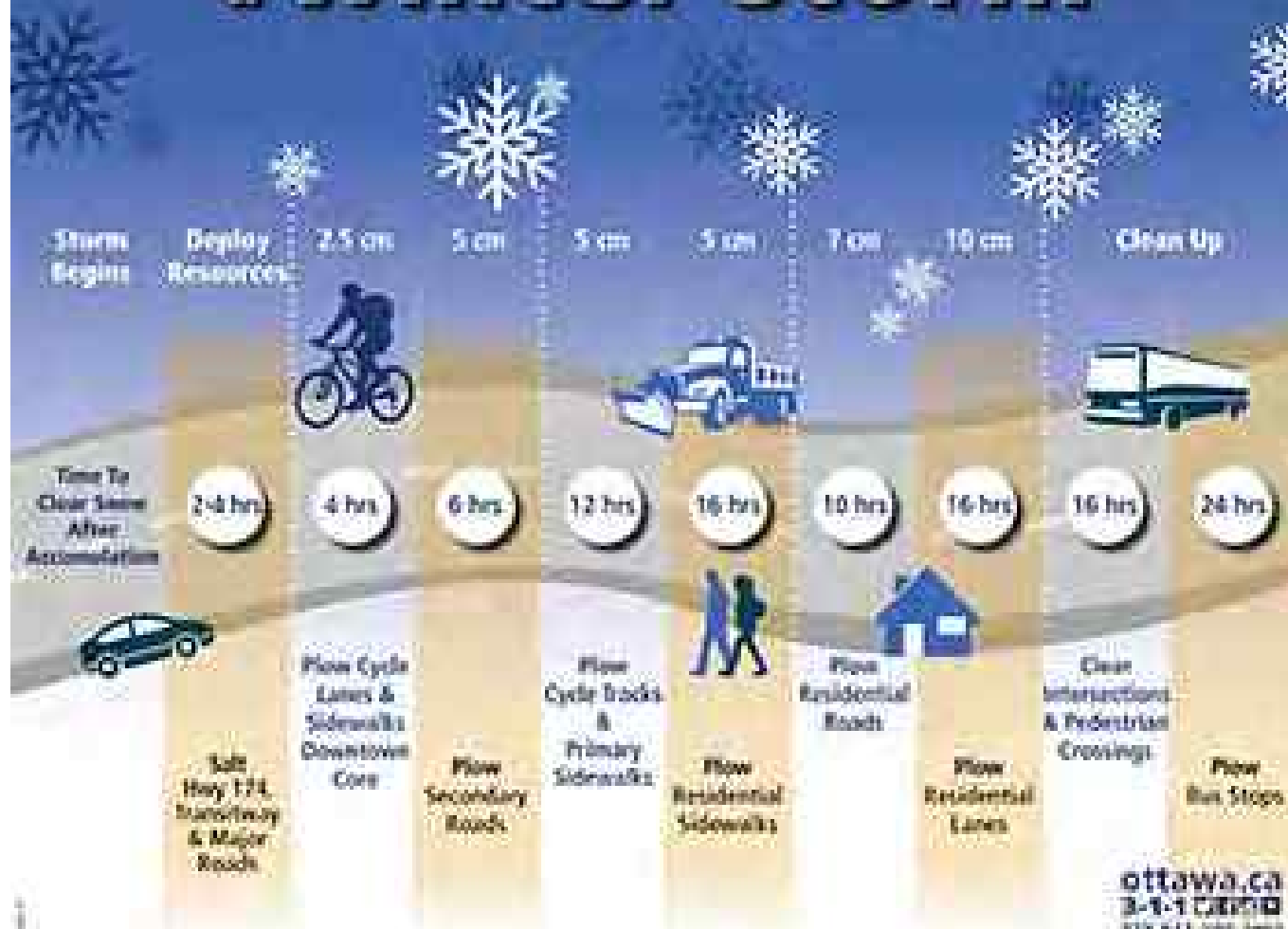
Photo Credit: Ottawa Bike Lanes

New Standard for Multi-Use Pathways

- plowed following **2.5 to 5.0 cm** of snow accumulation
- maintained to **snow packed standard**
- Exception: some paved pathways on routes to transit and School to a **bare surface treatment**



What to expect during a winter storm



Designing for Winter

In order to facilitate snow clearing:

- Delineators/object markers not installed directly on the paved roadway but raised on curbs
- Minimum width of 1.8 m for cycling facilities constructed over bulb-outs



Photo Credit: Matthew Wesley-James

Designing for Winter

- Multi-Use pathways in Ottawa are typically not lit
- Lighting provided as this pathway provides important connection to transit
- Snow clearing of the O-Train Pathway



Changing the “Beat” and Cost



Photo Credit: Matthew Wesley-James



Why is Ottawa getting its Winter Cycling Network?

- Latent demand
- Political Will
- Part of rationale for spending millions on cycling facilities



What's next?

- 2016 Strategic Initiative with funding for four years
- Additions to the network?

O'Connor
Street
Bikeway –
27 Blocks
coming in
2016/17



Minneapolis-St. Paul



- Celebrate your snow clearing staff
- Bike Share!









- “Pedal Power” in the schools

We make winter cycling feel dangerous



- Campus life





- Protected network with shops and services
Connecting different types of neighbourhoods





- Bike shop
- Café
- Indoor protected bike parking
- Office Space
- Hub

- Non-peak bike season and tourism promotion doesn't hibernate





In Minneapolis, cyclists know paths cleared by 7am for the commute

10. FUND FROM TRAFFIC TICKETS


CITY OF
CANMORE
This project
has been
funded by
Photo Radar
revenues



- Directed to projects that support walking and cycling



- This Little Bike Went to Market



Winter Cycling Congress

Montreal - February 8-10, 2017



envirocentre



bike
to work
O T T A W A

May is Bike to Work Month!