BURLINGTON CYCLING COMMITTEE

Chris Ariens. Co-Vice-Chair

Delegation to Committee of the Whole November 27, 2017

Summary - Recommendations To Council

- Support staff recommendation to include cycle tracks on New Street between Guelph Line and Burloak Drive in the 2019 to 2028 Capital Budget and forecast and pursue senior level government funding for the implementation costs.
- 2. Standardize design for "All Ages and Abilities (AAA)" cycle tracks as part of Cycling Master Plan.
- Regular, dedicated funding for Cycling Master Plan to be included in capital budget.
- 4. Do not depend on senior levels of government to execute Burlington's strategic plan.

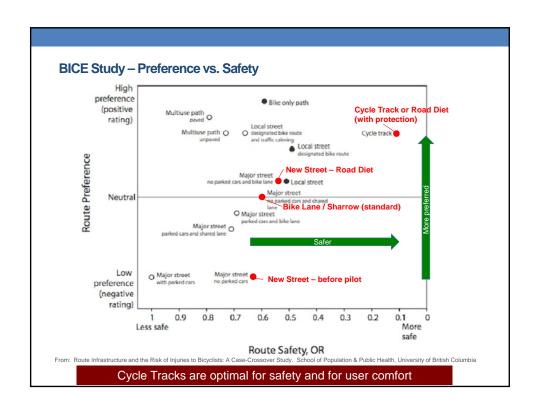
Issue	Findings in Staff Report	Analysis
Traffic Flow	1m 33 sec. increase westbound PM peak 16 sec. increase westbound business day 4 sec. increase eastbound PM peak 1 sec increase eastbound business day	As expected. Insignificant impact outside of evening rush in one direction.
Traffic Volumes	Approx. 500 vehicles/day increase on Rexway and Spruce combined. No data for changes in New Street traffic volumes	Impact well within tolerances for parallel roads.
Safety	No data provided on collisions or travel speeds.	Expected decrease in speeding not measured. Expected improvement in safety – data inconclusive.
Transit Operations	No data provided on impacts to transit schedules or operations	Frequent Transit Network would likely be more efficient with 4 lane configuration.
Cycling Volumes	Increase from 60 to 80 cyclists per day (33%)	Expected little increase in short term due to: Lanes not completed to intersection Not connected to other facilities Lack of protection Construction impacts Long-term nature of change
Resident Feedback	Negative feedback to staff, Council and Cycling Committee outweighed positive. Majority of feedback was consistent prior to and during pilot.	Achieving public support for remainder of New Street configuration highly unlikely. Media and public perception of cycling impacted outcomes.

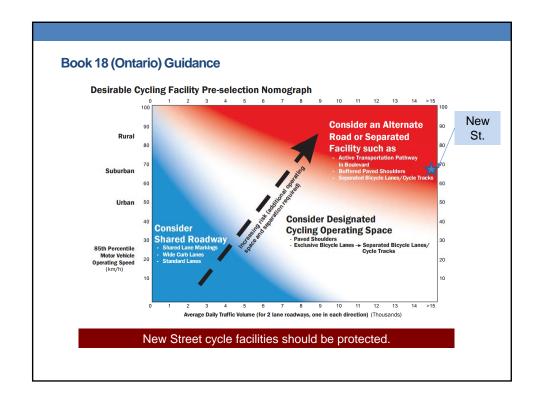
Benefits of Cycle Tracks

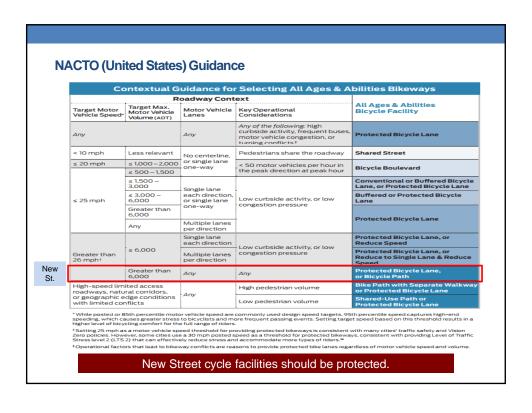
- 1. AAA (All Ages and Abilities) facilities can form main segments of a network. Mode share will increase over time as network grows.
- 2. Greater protection from automobile traffic attracts more users.
- 3. More than 5x as safe as street with shared use lane or on-road bicycle lane.
- 4. Less expensive than on-road facilities for new installations.

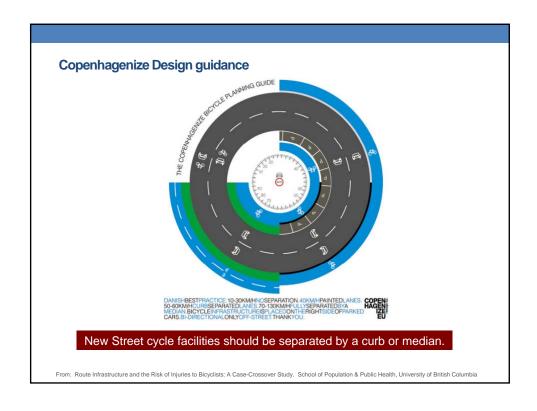
Concerns re: Cycle Tracks

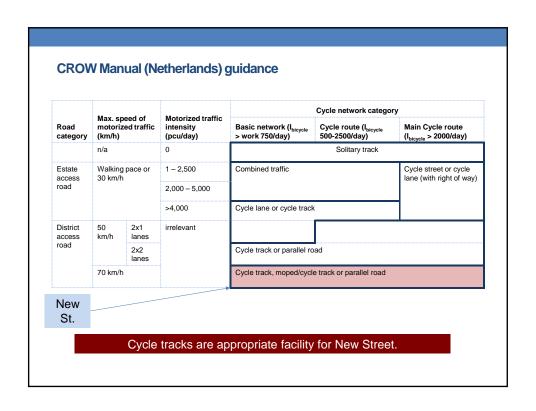
- Cost Can reduce the amount of the network that can be completed with a given level of funding.
- 2. Design greater separation requires special attention to ensure safety and visibility of bicycle riders.
- Maintaining roads designed to optimize vehicular travel speed results in little safety benefit for other road users.











Importance of New Street in a Cycling Network

New Street is a central east-west spine which connects the southern half of Burlington from Downtown to the Oakville border.

Connects existing bike lanes on Guelph Line, Walkers Line and Appleby Line to the south (although still gaps approaching intersection to be closed)

5 schools along the length of New Street – heavily used by students.

Seniors buildings (Marantha Gardens) and higher densities near Guelph Line & Appleby Line

Drury Lane (collector) & Appleby Line (major arterial) connect New Street with GO stations and mobility hubs approx. 1km to the north.

Centennial Path works as alternative only for segment near Guelph Line / Rossmore / Cumberland. Further east not a direct option for significant # of trips.

A safe and comfortable facility on New Street is a requirement to deliver on increased cycling mode share

Funding for cycling infrastructure

Current programs:

Ontario: Climate Change Action plan - \$150MM - \$225MM over 5 years.

Burlington proportional share is \$2.04MM – \$3.06MM. Includes installation of bike lockers at commuter parking lots and bike rooms @ Appleby and Burlington GO stations.

Federal: Public Transit Infrastructure Fund (primarily geared to transit projects, with some cycling and pedestrian infrastructure upgrades included).

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Burlington received \$2.4 million in 2017. \$930K towards multi-use pathway construction (Hydro Corridor and Elgin Promenade)

Potential new programs:

Federal: Private member's bill re: National Cycling Strategy

Despite continued progress in development of cycling investment from Provincial and Federal government, likelihood of political change means we cannot count on this funding to be there when needed.

Conclusions

- 1. We support the recommendations, however advise Council to ensure the cycle tracks are included (not just "for consideration") as part of the \$293 million 10 year Capital Budget expenditure for roadways.
- 2. Road diet would be an acceptable lower-cost alternative to cycle tracks, however residents remain opposed to reducing vehicular lanes and extending the road diet is politically untenable.
- 3. Cycle tracks offer significant safety benefits and would enable quicker achievement of Burlington's goals to increase non-automobile mode share.
- 4. Protected bike lanes are the appropriate facility for New Street based on guidance from transportation professionals.
- 5. New Street is a critical component in the city's transportation system for any mode of travel (including cycling).
- 6. Reliance on senior government funding will not achieve the goals of Burlington's strategic plan.