Transportation Advisory Committee

Report

The 11th Meeting of the Transportation Advisory Committee November 26, 2019 Committee Room #4

Attendance PRESENT: D. Foster (Chair), A. Abiola, G. Bikas, D. Doroshenko, B. Gibson, T. Kerr, T. Khan, P. Moore and M. Rice and J. Bunn (Committee Secretary)

ABSENT: M.D. Ross and S. Wraight

ALSO PRESENT: G. Dales, M. Elmadhoon, K. Grabowski, Sgt. S. Harding, T. Hitchon, P. Kavcic, J. Kostyniuk, T. Macbeth, T. MacDaniel, D. MacRae, M. Metcalfe, A. Miller and A. Sones

The meeting was called to order at 12:15 PM.

1. Call to Order

1.1 Disclosures of Pecuniary Interest

G. Bikas discloses a pecuniary interest in Item 3.5 of the 11th Report of the Transportation Advisory Committee, having to do with the Wenige Expressway Bridge and Highbury Avenue Rehabilitations, by indicating that his employer owns property adjacent to the project.

2. Scheduled Items

2.1 Veterans Memorial Parkway Extension – Project Update

That it BE NOTED that the presentation, as appended to the agenda, and a delegation from I. Bartlett, Stantec, with respect to a project update on the Veterans Memorial Parkway Extension, was received.

2.2 Municipal Environmental Assessment Process

That it BE NOTED that the <u>attached</u> presentation from A. Sones, Environmental Services Engineer, with respect to the Municipal Environmental Assessment Process, was received.

2.3 Transportation Demand Management Activities – Introduction and Update

That it BE NOTED that the <u>attached</u> presentation from A. Miller, Co-Ordinator, Transportation Demand Management, with respect to and introduction and update on Transportation Demand Management Activities, was received.

2.4 London's Transportation 2018 Emission Information

That it BE NOTED that the <u>attached</u> presentation, and the communication appended to the agenda, from A. Abiola, with respect to London's Transportation 2018 Emission Information, were received.

3. Consent

3.1 10th Report of the Transportation Advisory Committee

That it BE NOTED that the 10th Report of the Transportation Advisory Committee, from its meeting held on October 22, 2019, was received.

3.2 Municipal Council Resolution - Procurement of an Advanced Traffic Management System and New Traffic Signal Controllers

That it BE NOTED that the Municipal Council resolution, from its meeting held on October 29, 2019, with respect to the procurement of an Advanced Traffic Management System and new traffic signal controllers, was received.

3.3 Public Meeting Notice - Official Plan Amendment - Revised Victoria Park Area Secondary Plan

That it BE NOTED that the Public Meeting Notice, dated November 14, 2019, from M. Knieriem, Planner II, with respect to an Official Plan Amendment related to the Revised Victoria Park Area Secondary Plan, was received.

3.4 Stopping and Parking Restrictions in Bicycle Lanes

That it BE NOTED that the Memo dated November 12, 2019, from Roads and Transportation, Development and Compliance Services, with respect to stopping and parking restrictions in bicycle lanes, was received.

3.5 Wenige Expressway Bridge and Highbury Avenue Rehabilitations

That it BE NOTED that the Memo dated November 6, 2019, from T. Hitchon, Technologist II, with respect to the Wenige Expressway Bridge and Highbury Avenue rehabilitations, was received.

3.6 Transportation Advisory Committee 2019 Work Plan

That it BE NOTED that the 2019 Transportation Advisory Committee Work Plan, as at November 2019, was received.

3.7 (ADDED) Notice of Planning Application - Official Plan Amendment - City-Wide Urban Design Guidelines

That it BE NOTED that the Notice of Planning Application, dated November 21, 2019, from A. Lockwood, Urban Designer, with respect to an Official Plan Amendment related to the City-Wide Urban Design Guidelines, was received.

4. Sub-Committees and Working Groups

4.1 Street Parking Review Working Group Report

That the Civic Administration BE REQUESTED to review the <u>attached</u> Street Parking Review Working Group Report, from its meeting held on November 6, 2019, and provide the requested statistics to the abovenoted Working Group.

5. Items for Discussion

None.

6. Adjournment

The meeting adjourned at 2:15 PM.



Adrienne Sones P.Eng., Environmental Service Engineer Transportation Advisory Committee (TAC) November 26, 2019



- The Environmental Assessment (EA) Act
- The EA Process
- EA Requirements
- Engagement







Ontario Environmental Assessment Act (EA Act, R.S.O. 1990)

Purpose:	"Betterment of the people of Ontario by providing for the protection, conservation and wise management of Ontario's environment"
Overall Objective:	Ensure environmental effects are minimized and appropriate mitigation is proposed
Key Definition:	Environment includes natural, social, cultural, built and economic environments.



Ontario Environmental Assessment Act (EA Act, R.S.O. 1990)

The EAAct applies to enterprises, activities, proposals, plans or programs by a public body;

Therefore, Municipal Infrastructure is Subject to Ontario EA Act

 It is illegal to build municipal infrastructure (roads, transit, water, wastewater,) without EA Act approval



Who Has to Comply?

- Those groups who build municipal infrastructure:
 - Municipalities
 - Ontario Clean Water Agency
 - Public Utility Commission
 - Private Sector (Certain projects with a high environmental impact)

· Regardless who is building it



Ontario Environmental Assessment Act (EA Act, R.S.O. 1990)

How Can One Comply?

By carrying out:

- An Individual Environmental Assessment (subject to formal government review and approval) for each project [Part II of EA Act]; or
- A Class Environmental Assessment for municipal projects in accordance with approved "Parent" project [Part II.1 of EA Act]





Municipal Class EA Process

- Municipal Class EA process originally approved in the year 2000.
- Ontario Regulation 334 enables municipalities to follow the approved *Municipal Class EA process* to fulfill EA Act requirements.
- Self assessment process, the proponent is responsible to ensure planning process is followed.
- Typically a consultant is retained by the City to complete the EA requirements.
- Detailed design process follows EA completion.



Municipal Class EA Process

- Key Principles:
 - · Public engagement
 - Reasonable range of alternatives
 - Consideration of the effects on all aspects of the environment
 - Systematic evaluation
 - Clear documentation
 - Traceable decision making





Municipal Class EA Process

Projects are categorized by different schedules: A, A+, B, and C. Based on the project schedule various phases are required.

- Phase 1 Define problem or opportunity
- Phase 2 Develop alternative solutions
- Phase 3 Develop concepts for preferred solution
- Phase 4 Issue Environmental Study Report
- Phase 5 Implementation





Schedule A / A+

- Typically limited in scale
- · Minimal adverse environmental effects
- Include normal or emergency operational and maintenance activities
- Pre-approved; proponent may proceed without following procedures set-out in the Municipal Class EA
- A+ projects advise the public prior to implementation
- **Example:** Road resurfacing, sewer reconstruction, reconstructing a failed outlet for a stormwater management pond



Schedule A / A+





Schedule B

- Potential for some adverse environmental effects with known mitigation
- Generally include improvements and minor expansions to existing facilities
- Undertake a screening process including mandatory contact with directly affected public and relevant review agencies
- "Project File" is available for a minimum 30 day public review period
- Example Project: Road construction or widening <\$2.4m, construct a new stormwater management pond



Schedule B





Schedule C

- · Potential for significant environmental effects
- Generally include the construction of new facilities and major expansions to existing facilities
- Must proceed under the full procedures specified in Class EA process
- File Environmental Study Report (ESR) for minimum 30 day public review
- Example Project: Construction of new grade separations >\$9.5m, moving an existing watercourse.

Schedule C





Master Plans

- · Consider systems or groups of related projects.
- Long range infrastructure plans.
- Often integrate existing and future land use planning with EA principles.
- At a minimum address Phases 1 & 2 of the EA process.













Public Engagement

- The proponent develops a consultation plan
- Consultation: is a two-way communications process between the proponent and affected or interested stakeholders
- Mandatory Contact: Phase 2 (alternative solutions), Phase 3 (design concepts or preferred solution), notice of completion
- 30-day review period of EA document



Appeal Mechanism

• During the 30 day review period the public can request the Ministry of Environment, Conservation and Parks (MECP) make a **Part II Order Request** to the municipality

Minister can:

- 1) Deny, with or without Conditions
- 2) Refer matter to mediation
- 3) Order proponent to comply with Part II



Part II Order – Timeline





TAC Engagement

- Role: to provide recommendations, advice, and information on those specialized matters which relate to the purpose of the advisory committee
- Mandate: to advise and support City Council in the implementation of the City's Transportation Master Plan and London Road Safety Strategy by reviewing master planning studies, implementation projects, long term capital plans, land use plans and other planning studies.



Resources

 Municipal Class Environmental Assessment, YouTube Training Videos (https://www.youtube.com/us er/municipalengineers)



827 view

 Municipal Engineers Association, http://www.municipalclassea.ca/



TDM ACTIVITIES: INTRODUCTION & UPDATE



Transportation Advisory Committee November 26, 2019

Jay Stanford, Director, Environment, Fleet & Solid Waste Allison Miller TDM Coordinator



- Strategies that result in more efficient use of a transportation system
- Encouraging Londoners to use options other than driving alone or *driving at all!*
- More than just weekday peak trips
- Part of an active lifestyle

Over the last few years cycling has been a priority and taken up a larger share of time.



GOALS OF TDM

✓ Reduce

- · Reliance on single occupancy vehicles (SOV)
- Vehicle kilometres travelled (VKT)
- Capital expenditures
- Maintenance costs
- Traffic congestion
- GHG emissions

✓ Improve

- Traffic safety
- · Air quality
- Health





WHERE DOES TDM



TDM IN SMART MOVES 2030 TMP (AS OF 2013)

Priority Action Areas:

- Strengthen Policy Support
- Promote Sustainable Travel for all Time Periods
- Target Commuter Travel
- Target School Travel
- Increase Investment in AT Infrastructure
- Use Parking to Support Transit, AT, and TDM









- Developed list of local workplaces to target with Business Travel Wise Program (early 2000s)
- Struck an AT/TDM Working Group (2015)
- Included TDM projects in committee workplan (2018-present)
- Committee asked to participate in specific TDM projects (ongoing)
- Committee asked generally how they'd like to be involved in TDM activities (ongoing)



TRANSPORTATION **MANAGEMENT ASSOCIATION**

Workplan item 18.11

- TMA is usually a non-profit, member-controlled organization that provides transportation services in a particular area or areas
- Feasibility Study just started; based in part on past work in the Oxford East business area



Define location(s), governance models, and current context and programming





REGIONAL RIDESHARE

Background

· Carpool promotion since 2007



- Share costs based on population as percentage of the whole
- · Developed new brand and coordinated marketing
- Continue to seek more partners and participating employers
- CityStudio project evaluating post-secondary student use **Program is evolving**



Workplan item 18.12

- Ontario Trillium Foundation-• funded project
- Lead is SustainMobility -٠ delivers TMA programs in GTA
- 6 other municipalities
- Commuter programs and supports to be Londonized
- Includes a Guaranteed Ride Home Program (stumbling block to more carpooling and cycling)



BE PART OF THE SOLUTION ONTARIO'S COMMUNITIES ARE COMING TOGETHER TO REDUCE 20,000,000 KM OF VEHICLE TRAVEL!



UPDATED BIKE & WALK MAPS Londor

- Worked with Fanshawe College
- Wide distribution through Libraries, Tourism London, employers and shops





- Supports "1st/last mile" transit trips and extends walk-shed
- Background details and preliminary analysis • completed
- Implementing a RFP to obtain pricing and a vendor
- Proposed launch Summer 2020











MEASURING

- For Cycling: Listed in the Strategic Plan Prepare background methodology, an approach to monitoring and implement
- We need more information in these areas:
 - GHGs
 - # of pedestrians, desire lines, and who is walking/wants to walk
 - More surveys (cycling and introduce walking survey)
 - TMA measurement



ELMO ASRTS active member and support for Climate Change campaign

















Google

Environmental Insights Explorer			
$\widehat{\mbox{\mbox{$\square$}}}$ London \rightarrow Transportation emissions ~			
% of total transportation emissions			
• 33% inbound • 33% Outbound • 34% in-boundary			
% of total vehicle kilometers traveled		4,590,000,000 total kilometers	
● 33% Inbound ● 34% Outbound ● 33% In-boundary			
% of total combined kilometers by mode	Total combined #	of trips	
100 90 80 70 60	332,000,000		

Total combined vehicle kilometers traveled 4,590,000,000



GHG REDUCTION ACTIONS -CLIMATE EMERGENCY

<u>What can London's Businesses & Employers do</u> <u>immediately?</u>

- Invest in energy efficiency measures for buildings and processes
- Apply green procurement strategies to the supply chain
- Invest in green fleet measures
- Reduce business travel, especially by air, through webinars and video conferences. If business travel is required, consider carbon offsetting
- Reduce employee commuting promote cycling, transit, carpooling, telework (Commute Ontario)



From 2018 Community Energy Use & GHG Inventory Report to CWC, October 22/19

What can Londoners do immediately?

- Drive less (or not at all) make more trips by walking, cycling, transit, carpooling (Commute Ontario)
- If you must own a vehicle, own an electric or hybrid vehicle, or a very fuel efficient one
- Make your home more energy efficient and work towards net-zero energy
- Reduce food waste, especially for high-impact foods such as red meat and dairy
- Go local for food, for products, for vacations



- Now
- January TAC Meeting
- At a Sub-committee or Working Group meeting













Transportation emissions	In-bounda	© ×		
1,200,000	412,00			
that 1CD_4 per year	Mass	Total distance toward " 1,530,000,000 True on	Average vehicle efficiency 8.64	Average of antiasinal hertor 0.002 tillet %
Total combined # of trips	(iii) Automobile	142000000	88	0.002
332,000,000	R ==	4530000 2	2.3	0.002
fotal combined vehicle kilometers traveled	do cycing	12200000		
4,590,000,000	🕺 On foot	81200000		



			Victoria, BC, Calgary, AB and Saskatoon, SK London 2018 Emission Data compared to select Canadian Cities							
		V V V			All Trips (All N	lodes)		In-boun	idary Trips	
				Trips	Emissions kCO ₂ e	Largest Emission Mode/%/Value	Trips (All modes)	Emissions kCO ₂ e	Automobile Emission / %	% Emissions
			London ON	332,000,000	1,200	Auto / 95% / 1,135	283,000,000	412	365 / 89%	34
A Brit I and			Victoria BC	150,000,000	4,900	Ferry / 95% / 4,662	86,200,000	32.7	25 / 77%	< 1
What else?			Calgary AB	1,150,000,000	3,410	Auto / 95% / 3,240	1,040,000,000	2,040	1,870 / 92%	60
A look at opportunities from the EIE data and my	How we compare Recommendation		Saskatoon SK	241,000,000	800	Auto / 98% / 784	204,000,000	295	278 / 94%	37
Photo Credit: Scott Web Photography		Ayo Daniel Abiola, P.Eng							Ayo Dani	iel Abiola, P.Eng

Boulder, USA, Dublin, Ireland, and Melbourne, Australia

London 2018 Emission Data compared to select US and International Cities

		All Trips (All N	lodes)	In-boundary Trips					
	Trips	Emissions kCO ₂ e	Largest Emission Mode/%/Value	Trips (All modes) /%	Emissions kCO ₂ e	Automobile Emission / %	% of Total Emissions		
London ON	332,000,000	1,200	Auto / 95% / 1,135	283,000,000	412	365 / 89%	34%		
Boulder, USA	199,000,000	741	Auto / 97% / 721	118,000,000	91	86.5 / 96%	12%		
Dublin, Ireland	859,000,000	1,480	Auto / 59% / 877	614,000,000	240	150 / 63%	16%		
Melbourne, Australia	538,000,000	1,010	Auto / 64% / 651	281,000,000	38	38 / 100%	4%		



London, Ontario v Melbourne, Australia Μ. London ON 332,000,000 1,200 Auto / **95%** / 1,135 365 / 89% 380,000 803 6,180/sq mi 4,970,000 162 2,365/sq mi Auto / 64% / 651 Melbourne 538.000.000 38 / 100% Australia Other Transport Modes in Melbourne: In-Tram: 0% Direct Emissions Rail: 35% of Emissions Bus: 4% of emissions Ayo Daniel Abiola, P.Eng

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Transportation Advisory Committee Working Group 19.10

1st Meeting of Working Group 19.10 – Street Parking Review November 6th, 2019 12:15pm Committee Room #1

Attended: Brian Gibson – Member TAC Cat Dunne – Vice-Present University Students Council Dan Foster – Chair TAC Shawn Lewis – Councillor Ward 2

Discussion of Issues Presented:

- S. Lewis discussed the proposal he put forward to London City Council's Civic Works Committee and the goals that were included in the proposal.
- It was noted that the City hosts a parking ban on streets City Wide from 3am-5am yearround; but only issues overnight parking passes from Labour Day – Victoria Day each year.
- It was mentioned that the 12-hour maximum of consecutive street parking in the same space (within the same block) is too short.
- It was mentioned that the maximum allotment of overnight parking passes from September May (15 passes) is not enough.
 - It was proposed about entertaining the possibilities of introducing additional passes on a cost-recovery basis.
- It was discussed about the neighbourhood roads in the immediate Western University area where street parking is prohibited in its entirety or during peak hours.
- It was presented that the Labour Day Victoria Day overnight street parking ban is too long of a time frame.

Scope of Working Group

Working Group 19.10 determined that the scope of this sub-committee will focus on:

- Reviewing and providing advice on expanding the 12-hour street parking maximum on streets where permitted.
- Reviewing restricted street-parking on the following streets in the immediate Western University Area:
 - Beaufort Street
 - Bernard Avenue
 - Brescia Lane
 - Canterbury Road
 - Cedar Avenue
 - Coombs Avenue
 - Corley Drive
 - Edgar Drive
 - Essex Street
 - Fox Avenue
 - Gunn Street

- Hollywood Crescent
- Irwin Street
- Kininvie Drive
- Neville Drive
- McDonald Avenue
- Parkdale Crescent
- Ramsay Road
- Raymond Avenue
- Saunby Street
- Stirrup Court
- Tamblyn Drive
- The Parkway
- Trott Drive
- Westchester Drive
- Wharncliffe Road North (Extension off of Western Road to Cedar Avenue)
- Reviewing and providing advice on providing overnight parking passes yearround instead of during the Overnight Parking Ban period.
- Reviewing and providing advice on providing additional overnight parking passes (beyond the allotted 15) on a cost-recovery basis.
- Reviewing and providing advice on shorting the overnight parking ban period from Labour Day-Victoria Day.

Motion:

Through the Chair of the Transportation Advisory Committee, TAC Working Group 19.10 requests for a motion that the following statistics be provided by City Staff to the Transportation Advisory Committee (and ultimately TAC Working Group 19.10) through the Civic Works Committee.

TAC Working Group 19.10 requests for the following statistics on:

- How many Parking Tickets have been issued each year from 2015 to the current day in 2019 for exceeding the maximum 12-hour parking timeframe within city limits.
- How many Parking Tickets have been issued AND complaints have been filed each year from 2015 to the current day in 2019 for parking where prohibited on the following streets:
 - Beaufort Street
 - Bernard Avenue
 - Brescia Lane
 - Canterbury Road
 - Cedar Avenue
 - Coombs Avenue
 - Corley Drive
 - Edgar Drive
 - Essex Street
 - Fox Avenue

- Gunn Street
- Hollywood Crescent
- Irwin Street
- Kininvie Drive
- Neville Drive
- McDonald Avenue
- Parkdale Crescent
- Ramsay Road
- Raymond Avenue
- Saunby Street
- Stirrup Court
- Tamblyn Drive
- The Parkway
- Trott Drive
- Westchester Drive
- Wharncliffe Road North (Extension off of Western Road to Cedar Avenue)
- How many Parking Tickets have been issued AND complaints have been filed each year from 2015 to the current day in 2019 for parked motor vehicles on both Front Yards and City Boulevards (as defined in the Residential Front Yard and Boulevard Parking Policy) on the following streets:
 - Beaufort Street
 - Bernard Avenue
 - Brescia Lane
 - Canterbury Road
 - Cedar Avenue
 - Coombs Avenue
 - Corley Drive
 - Edgar Drive
 - Essex Street
 - Fox Avenue
 - Gunn Street
 - Hollywood Crescent
 - Irwin Street
 - Kininvie Drive
 - Neville Drive
 - McDonald Avenue
 - Parkdale Crescent
 - Ramsay Road
 - Raymond Avenue
 - Saunby Street
 - Stirrup Court
 - Tamblyn Drive
 - The Parkway
 - Trott Drive
 - Westchester Drive

- Wharncliffe Road North (Extension off of Western Road to Cedar Avenue)
- How many individual License Plates have registered for an overnight parking pass each year from 2015 to the current day in 2019 AND
 - How many of these individual license plates maxed out at 15 passes each year from 2015 to the current day in 2019.
 - How many passes have been issued in total each year from 2015 to the current day in 2019.
- How much each overnight parking pass costs the City of London to be issued.