

4TH REPORT OF THE
ADVISORY COMMITTEE ON THE ENVIRONMENT

Meeting held on March 1, 2017, commencing at 12:15 PM, in Committee Room #4, Second Floor, London City Hall.

PRESENT: S. Ratz (Chair), K. Birchall, M. Bloxam, S. Brooks, S. Hall, M. Hodge, G. Sass, N. St. Amour and D. Szoller and J. Bunn (Secretary).

ABSENT: R. Harvey, J. Howell, L. Langdon, T. Stoiber and A. Tipping.

ALSO PRESENT: T. Arnos, G. Barrett, K. Grabowski, C. Warring and G. Zhu.

I. CALL TO ORDER

1. Disclosures of Pecuniary Interest

That it BE NOTED that no pecuniary interests were disclosed.

II. SCHEDULED ITEMS

2. Bike Lanes

That it BE NOTED that the attached presentation from K. Grabowski, Transportation Design Engineer, with respect to bike lanes, was received.

III. CONSENT ITEMS

3. 3rd Report of the Advisory Committee on the Environment

That it BE NOTED that the 3rd Report of the Advisory Committee on the Environment from its meeting held on February 1, 2017, was received.

4. 1st Report of the Agriculture Advisory Committee

That it BE NOTED that the 1st Report of the Agricultural Advisory Committee from its meeting held on January 18, 2017, was received.

5. 2nd Report of the Environmental and Ecological Planning Advisory Committee

That it BE NOTED that the 2nd Report of the Environmental and Ecological Planning Advisory Committee from its meeting held on January 19, 2017, was received.

6. 2nd Report of the Transportation Advisory Committee

That it BE NOTED that the 2nd Report of the Transportation Advisory Committee from its meeting held on February 7, 2017, was received.

7. Municipal Council resolution from its session held on January 31 and February 1, 2017 with respect to the 2nd Report of the Advisory Committee on the Environment

That it BE NOTED that the Municipal Council resolution from its meeting held on January 31 and February 1, 2017, with respect to the 2nd Report of the Advisory Committee on the Environment, was received.

IV. SUB-COMMITTEES & WORKING GROUPS

8. Energy Sub-Committee

That it BE NOTED that the Energy Sub-Committee Reports from the meetings held on June 3, 2016, June 29, 2016, September 2, 2016 and February 1, 2017,

were received.

9. Built Environment Sub-Committee

That it BE NOTED that the Built Environment Sub-Committee Reports from the meetings held on September 2, 2016 and February 2, 2017, were received.

V. ITEMS FOR DISCUSSION

10. ACE 2016 and 2017 Work Plans

That the following actions be taken with respect to the Advisory Committee on the Environment Work Plan:

- a) the revised, attached 2017 Work Plan for the Advisory Committee on the Environment BE FORWARDED to the Municipal Council for consideration; and,
- b) the revised, attached 2016 Advisory Committee on the Environment Work Plan Summary BE FORWARDED to the Municipal Council for their information.

11. ACE 2016 and 2017 Budgets

That it BE NOTED that the Advisory Committee on the Environment (ACE) held a general discussion with respect to the 2016 and 2017 ACE Budgets.

12. Urban Agriculture Strategy

That it BE NOTED that the Advisory Committee on the Environment held a general discussion related to the Urban Agriculture Strategy.

13. Urban Agriculture Event Wrap Up

That it BE NOTED that the attached Urban Agriculture Event Wrap Up debrief document and verbal report from G. Sass, were received.

14. Provincial Environmental Advisory Committee Symposium

That it BE NOTED that the Advisory Committee on the Environment held a general discussion related to the Provincial Environmental Advisory Committee Symposium.

15. Dark Sky Policy

That it BE NOTED that the Advisory Committee on the Environment held a general discussion related to the Dark Sky Policy.

16. Textile Waste and Diabetes Canada's Textile Diversion Program - REQUEST FOR DELEGATION STATUS

That consideration of the delegation request by S. Langer, National Diabetes Trust, related to textile waste and Diabetes Canada's textile diversion program BE DEFERRED to a future meeting of the Advisory Committee on the Environment (ACE) in order to allow the Waste Sub-Committee to follow up with Mr. Langer for more information.

VI. DEFERRED MATTERS/ADDITIONAL BUSINESS

17. (ADDED) Federation of Canadian Municipalities - Diverse Voices for Change Initiative

That it BE NOTED that the Advisory Committee on the Environment (ACE) received the Federation of Canadian Municipalities - Diverse Voices for Change Initiative survey; it being noted that the ACE heard a presentation from C. Saunders, City Clerk, with respect to this matter.

VII. ADJOURNMENT

The meeting adjourned at 2:08 PM.

NEXT MEETING DATE: April 5, 2017

WELCOME

Public Information Centre

Wednesday, February 8th, 2017
 4:00 p.m. – 7:00 p.m.
 London Central Secondary School
 509 Waterloo Street



Why are we doing this project?

- ▶ As part of the **London ON Bikes** process to create a new cycling master plan, extensive public consultation was undertaken throughout 2015 and 2016. Many Londoners expressed a desire for on-road cycling facilities that provide more protection from motor vehicles on high traffic volume routes.
- ▶ The implementation of cycle tracks in select locations throughout the City was identified as a **premier feature of the new master plan**.
- ▶ In September 2016 City Council approved London ON Bikes and a functional design study was initiated to explore opportunities for cycle tracks on Queens Ave and Colborne St.
- ▶ The improvements will support a more bikeable, walkable, mobile, safe, active, and environmentally-friendly downtown for the City of London and help make residents feel more comfortable cycling.



- ▶ **Definition:**
 - Cycle Tracks are cycling facilities that are separated from motorized vehicles using a physical barrier or buffer zone. They can be designed as one or two-directional facilities.
- ▶ **Benefits:**
 - Achieving safer, more comfortable cycling facilities on roads.
- ▶ **Best Practices:**
 - Cycle tracks have been implemented in many Canadian cities including Toronto, Hamilton, Ottawa, Calgary, Winnipeg, Vancouver and Montreal.

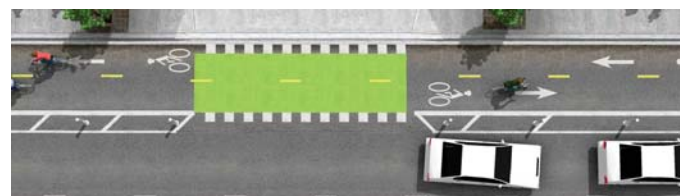


Image credit: NACTO Bikeway Design Guide

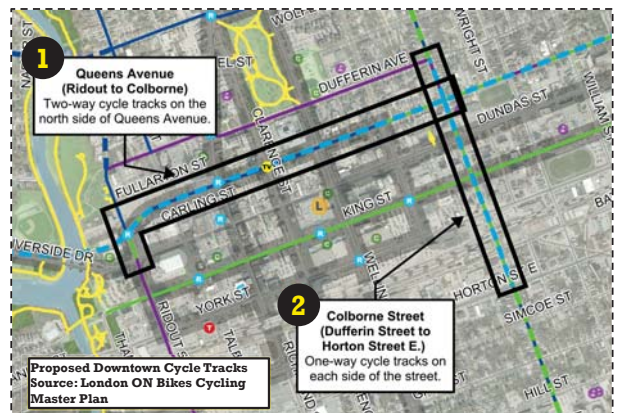
Bollards, Precast Curbs and Planters

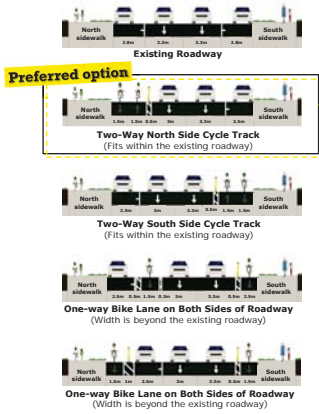


- 1 Flexibility**
Concrete curbs can be anchored to the roadway and removed for road maintenance or if no longer desired with no roadway reconstruction required.
- 2 Compatibility with Existing Drainage**
The curb design includes gaps for water to flow under the curb at the centre of each unit or between the curbs.
- 3 Maintenance**
Precast concrete curbs eliminate incidents where vehicles drive over roadway surface mounted bollards, reducing ongoing maintenance costs and increasing bollard lifespan.
- 4 Effectiveness**
The combined use of bollards and curbs can effectively deter motorists from entering / stopping in the cycling facility where not desired, increasing cyclist comfort and safety.



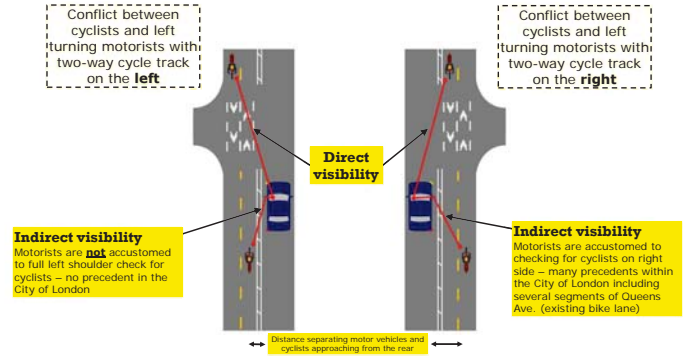
Image credit: Google Maps (2016)





- Rationale for the preferred option**
- ▶ Less impact to parking
 - ▶ No roadway widening required on most blocks
 - ▶ Ability to physically separate cyclists and motorists
 - ▶ The north side has fewer commercial driveways than the south side and no laybys
 - ▶ North side position is thought to be more intuitive for motorists (existing bike lane already on north side)
 - ▶ Design solutions can be used to mitigate conflicts between cyclists and pedestrians at transit stops

Comparison of conflict potential between left and right side two-way cycle tracks on one-way streets.



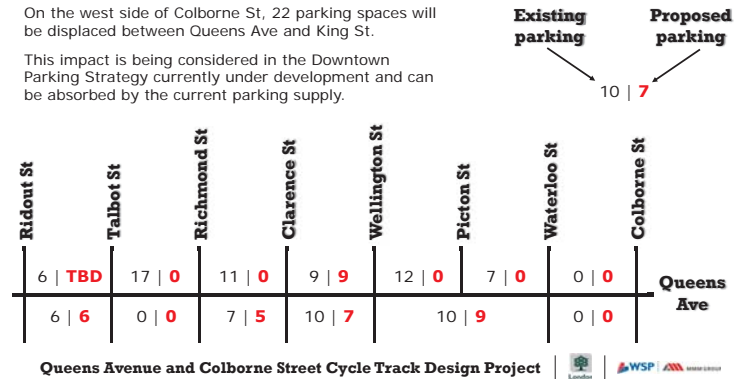


Queens Avenue and Colborne Street Cycle Track Design Project |

Between Talbot St and Colborne St approximately 53 parking spaces will be displaced and the total number of on-street parking spaces will be reduced from 83 to 30.

On the west side of Colborne St, 22 parking spaces will be displaced between Queens Ave and King St.

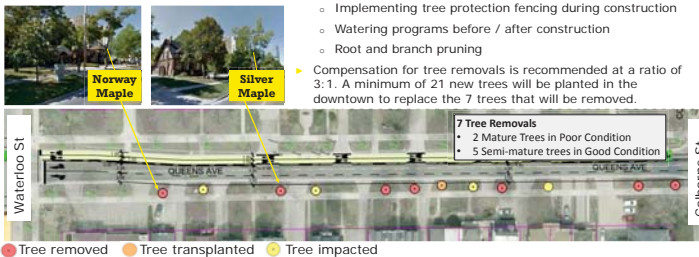
This impact is being considered in the Downtown Parking Strategy currently under development and can be absorbed by the current parking supply.



Waterloo St to Colborne St:

As a result of roadway widening, it is expected that a total of 12 trees will be impacted as follows:

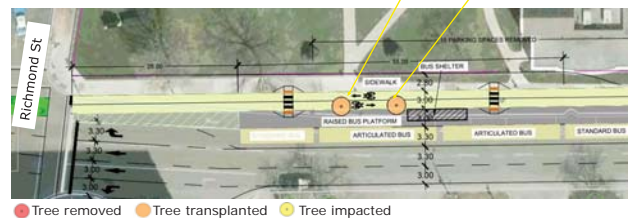
- **7 trees removed:** 1 Norway Maple (poor condition), 1 Silver Maple (poor condition), 3 Norway Maple (good condition) and 2 European Linden (good condition) – shown below. These trees are too close to the construction area to survive and too large to transplant.
- **1 tree transplanted:** this tree is newly planted and will be transplanted to a nearby location
- **4 trees impacted:** construction is required in the root zone of these trees, but is not expected to occur within 1.5 m of the tree trunk. These trees will be monitored and the following mitigating measures will be taken to minimize damage and promote tree health:
 - Implementing tree protection fencing during construction
 - Watering programs before / after construction
 - Root and branch pruning
- Compensation for tree removals is recommended at a ratio of 3:1. A minimum of 21 new trees will be planted in the downtown to replace the 7 trees that will be removed.



Queens Avenue and Colborne Street Cycle Track Design Project |

East of Richmond St: 2 Trees Transplanted to Create New Bus Stop

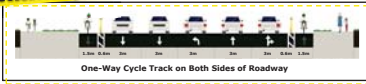
- **2 trees transplanted:** these trees are located in the north boulevard and will be transplanted to other nearby locations along Queens Ave
 - Both trees are Common Hackberry
 - Both trees are very young
 - Both trees are in good condition
- A transit stop is being added at this location to accommodate new bus routing in the downtown



Queens Avenue and Colborne Street Cycle Track Design Project |

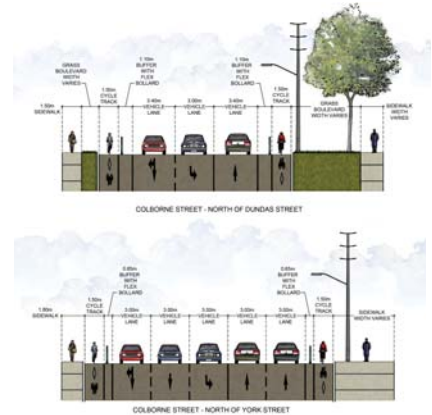


Preferred option



Rationale for the preferred option

- ▶ Physical separation between cyclists and motorists added by adjusting lane widths and widening the roadway for a short distance at two locations
- ▶ Parking removed in order to provide a continuous cycling connection
- ▶ Short corridor length and two-way road configuration is more suitable for one-way cycle tracks
- ▶ Larger intersections and higher turning volumes are more suitable for one-way cycle tracks

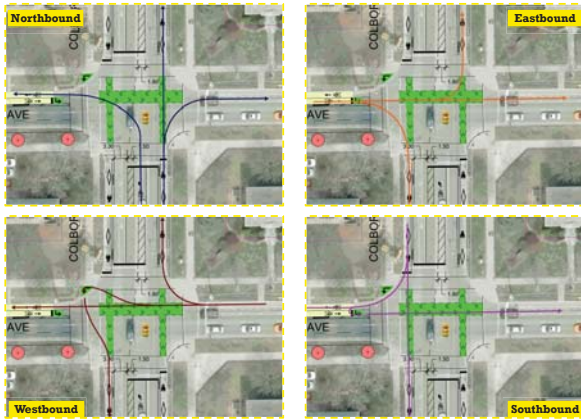


Queens Ave to Dufferin Ave: 3 Trees Impacted

As a result of roadway widening, it is expected that a total of 3 trees will be impacted as follows:

- ▶ **3 trees removed:** these trees are shown below and are within the proposed limit of paving and therefore must be removed:
 - London Planetree (good condition)
 - Norway Maple (fair condition)
 - Honey Locust (poor condition)
- ▶ Compensation for tree removals is recommended at a ratio of 3:1
- ▶ A minimum of 9 trees will be planted in the downtown to replace the tree removals.
- ▶ Impacts to the remainder of trees within the Colborne Street right-of-way are minimal and can be mitigated using tree protection fencing, watering programs and root pruning prior to and during construction.





- 1 What would make you more comfortable as a cyclist in London?
- 2 What factors prevent you from cycling at present, if any? Infrastructure, weather, traffic volumes, air quality etc.?
- 3 What improvements would encourage you to cycle more along Queens Avenue and Colborne Street?
- 4 What would enable you to see other road users and react accordingly?
- 5 Would you be more likely to cycle along Queens Avenue and Colborne Street if cyclists were separated from motor vehicles?
- 6 What improvements to Queens Avenue and Colborne Street would make you more supportive as a resident?
- 7 Are there any streetscape improvements that you feel would be beneficial to cycling (e.g. street lighting improvements)?
- 8 Do you feel that there is sufficient space for cyclists in the proposed design?

If you have additional questions or comments, please contact one of the project representatives.



February 2017

- ▶ Public Information Centre (PIC)

March 7th

- ▶ Civic Works Committee report to discuss PIC responses and next steps

Spring 2017

- ▶ Completion of detailed design of cycle tracks along Queens Avenue and Colborne Street

June 13th 2017

- ▶ Construction Contract award

Summer to Fall 2017

- ▶ Proposed construction of cycle tracks along Queens Ave and Colborne St begins



- ▶ As directed by Council, an extension of the Queens Avenue cycle track from Colborne Street to Quebec Street was assessed as a potential future project.
- ▶ The Cycling Master Plan identifies Queens and Colborne cycle tracks as priorities in the short-medium term
- ▶ The bi-directional facility on the north side is the preferred option for this section.
- ▶ The extension would provide connectivity to Old East Village and other neighbourhoods.
- ▶ The details of how this facility fits in the road and associated **traffic lane**, tree and **parking trade-offs** are subject to further evaluation.
- ▶ This is a future phase and will require additional analysis and separate consultation.

THANK YOU

Please feel free to contact our project representatives for further questions or comments:

City of London Contact**Doug MacRae, P.Eng.**

Division Manager, Transportation Planning & Design

▶ Phone: 519-661-2500 Ext. 4637

▶ Email: dmacrae@london.ca**Consultant Contact****Dave McLaughlin, MES, MCIP, RPP**

Senior Project Manager

▶ Phone: 905-882-7306

▶ Email: mclaughlind@mmm.ca

ADVISORY COMMITTEE ON THE ENVIRONMENT - 2017 WORK PLAN

(updated March 1, 2017 by Susan Ratz)

Project / Initiative & Background	Lead/ Responsible	Proposed Timeline	Proposed Budget	Actual Expenditure	Link to Strategic Plan	Status
<p><u>Managing organic waste</u></p> <p>1. Review & prioritize leading edge waste management systems that focus on waste as a resource technology (Biogas, Anaerobic Digester facility, landfill gas recovery i.e. Edmonton Waste Management Centre of Excellence)</p> <p>2. Follow the progress of City regarding development of a Resource Recovery Centre for London (invite staff members speak to ACE)</p> <p>3. Review the new Ontario Acts and legislation and how they will affect the City's direction and invite expert to speak on Provincial new policies.</p> <p>4. Continue research into a Green Bin program for the next budget (3 years) Examine other cities' highly successful Green Bin programs (ie. Toronto, Halton) Invite a representative from successful Green Bin program to speak to ACE.</p>	<p>Waste Sub-Committee</p>	<p>Item 1 – Report submitted Dec 2017</p> <p>Items 2 -4 During 2017/2018</p>	<p>\$150 for speakers in 2017</p> <p><i>(adjusted as necessary versus other proposed items)</i></p>		<p>Building a Sustainable City 1-Robust Infrastructure D-Increase efforts resource recovery/ long-term disposal capacity/ reducing community impacts (p. 11 #1D)</p> <p>Building a Sustainable City 3-Strong and Healthy Environment D-Support resident/community driven initiatives... (p.12 #3D)</p> <p>Growing Our Economy 3-Local, Regional and Global Innovation B-Lead development of new ways to resource/energy recovery... (p. 17B)</p> <p>Leading in Public Service 3-Proactive Financial Management A – Well planned finances/limit burden on current and future rate payers. (p.21 #3A)</p>	

<p><u>ACE Sub-Committee Communication Support</u></p> <p>5.Continue to Encourage and facilitate communication at the sub-committee level.</p> <p>6. Continue to encourage ACE members to participate in London Clean & Green activities.</p> <p>7. From Joint Education & Outreach meetings with other advisory committee representatives in 2016 provide recommendations for Advisory Committee reception, and clarify common issues that were raised in the meetings.</p>	<p>Education & Outreach Sub-Committee</p>	<p>Item 5&6 – Ongoing / As needed</p> <p>Item 7 – March/April 2017</p>	<p>\$0</p>		<p>Leading in Public Service 4-Collaborative, engaged leadership. A-Continue to build strong working relationships between City Council, Civic Administration, the City's agencies, boards and commissions, and community partners. (p.22 #4A)</p>	
<p><u>Natural Environment</u></p> <p>8.Help in establishing Working Groups for Urban Agriculture work</p> <p>9.Continue to be involved with the development of Urban Agriculture Strategy</p> <p>10.Continue conversation with City, EEPAC and Urban League during 2017 regarding development of a City ecosystems services master plan.</p> <p>11. Explore inclusion of concept of ecosystem services for staff planning processes</p> <p>12. Explore creation of environmental master plan as envisaged in London Plan</p> <p>13. Pollinator Sanctuary Status for the City of London – Review and get update from city staff.</p>	<p>Natural Environment Sub-Committee</p>	<p>2017-2018</p>	<p>\$0 year 1</p>		<p>Building a Sustainable City 3-Strong and Healthy Environment</p>	<ul style="list-style-type: none"> • Initiated working group organization for urban agriculture on Jan. 21, 2017 (Item 1) – FUAL Friends of Urban Agriculture London. • Attended discussion with city staff on urban agriculture strategy February 2017.
<p><u>Sustainability Commitment</u></p> <p>14.Develop sustainability statement for City of London</p> <p>15.Develop sustainability map for City</p> <p>16.Put together proposal for the creation of a position of Sustainability Officer for the City of London</p>	<p>Sustainability Sub-Committee</p>	<p>2017</p>	<p>\$0 year 1</p>		<p>Building a Sustainable City 3-Strong and Healthy Environment</p>	

<p><u>Community Education</u></p> <p>17. Host an event open to the public regarding the environment.</p>	<p>tbd</p>	<p>November 2017</p>	<p>\$1000</p> <p><i>(adjusted as necessary versus other proposed items)</i></p>	<p>Strengthening Our Community</p> <p>Building a Sustainable City</p> <p>Growing Our Economy</p> <p>Leading in Public Service</p> <p>(to adjust based on focus of event)</p>	<p>London Public Library is holding ACE a spot for November to hold another conference (ACE needs to decide asap if it wants to organize another conference)</p>
<p><u>Local Improvement Charges (LIC)</u> (priority for Energy sub-cmte)</p> <p>18. Continue to monitor status of using LICs to implement a PACE-style program.</p> <p>19. Continue to monitor pilot projects in other cities.</p> <p>20. Get ongoing updates from CHEERIO progress.</p> <p><u>Renewable Energy</u></p> <p>21. Explore possibilities for hydro-electric along Thames River</p> <p>22. Explore solar energy on municipally-owned buildings</p> <p>23. Ensure that co-generation/local electricity generation initiatives do not negatively impact the City of London carbon-dioxide emissions targets and carbon footprint or compromise local air quality</p> <p><u>Community Energy Action Plan</u></p> <p>24. Review current plan and monitor progress.</p>	<p>Energy Sub-Committee</p>			<p>Building a Sustainable City</p> <p>-Robust Infrastructure... Page 11, item 1B</p> <p>-Strong & healthy environment... Page 12, item 3A thru F, 5B</p>	

<p><u>Low-Impact Development</u> (priority for sub-cmte)</p> <p>25.Community improvement plans.</p> <p>26. Xeriscaping</p> <p>27. Continue to monitor and provide advice on stormwater management (incl. bioswales)</p> <p><u>Alternative Building Materials / Strategies</u></p> <p>28.Implement the Living Building Challenge as a City policy</p> <p>29. Develop a draft green-roof by-law</p> <p>30.Review the possibilities of heated sidewalks in urban areas (incl. My Dundas)</p> <p><u>Nighttime Issues</u></p> <p>31.Establish “night markets” in downtown core and Old East area: residents get more exercise and get more use out of existing infrastructure/ resources</p>	<p>Built Environment Sub-Committee</p>				<p>Building a Sustainable City</p> <p>-Strong & healthy environment...Page 12, item 3D</p> <p>-Beautiful places and spaces... Page 13, item 4ABC</p>	
<p><u>Dark Sky Policy</u></p> <p>32.Review proposed policy developed by Dark Sky Working Group. <i>(Working group includes members of Animal Welfare, Environmental and Ecological Planning and Environment Advisory Committees.)</i></p>	<p>ACE</p>	<p>Draft policy to be ready April/May for review.</p>	<p>\$0</p>		<p>Building a Sustainable City</p> <p>-Strong and healthy environment... Page 12 3D</p> <p>-Beautiful places and spaces 4C</p>	
<p><u>City Budget</u></p> <p>33. Review and provide feedback on budget annually.</p>	<p>ACE</p>	<p>Aug - Contact city staff to confirm consultation timelines.</p> <p>Oct-Dec – Review budget and provide feedback.</p>			<p>Leading in Public Service</p>	<p>Received presentation from A Dunbar (city) re Financial Planning & Gas Tax Funding (Feb 2017)</p>

<p><u>Committee Member Education & Development</u></p> <p>34. Invite speakers to present to ACE on subjects relating to our scope. <i>(Where possible and appropriate presentations will be done virtually to minimize expense.)</i></p> <p>35. Members to attend conferences on subjects relating to scope of ACE. Any agreed upon conferences will have a written summary report on the conference and any impacts for London.</p>	ACE	2017	\$500 <i>(adjusted as necessary versus other proposed items)</i>		ALL	
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ADVISORY COMMITTEE ON THE ENVIRONMENT - 2016 WORK PLAN
(as of March 1,2017)

Project/Initiative	Background	Lead/ Responsible	Proposed Timeline	Budget	Link to Strategic Plan	Status
1. Managing organics	<ul style="list-style-type: none"> Explore avenues for better managing organics Organics make up a large portion of our waste stream Work closely with Environmental, Fleet and Waste Services and Civic Works Connect with London Environmental Network and similar groups 	Waste Sub-Committee	<ul style="list-style-type: none"> Year 1: scoping Year 2: research Year 3: advise to implement 	<u>Proposed</u> <ul style="list-style-type: none"> \$0 year 1 <hr/> <u>Actual</u>	<ul style="list-style-type: none"> page 11, item 1 D page 12, item 3 D 	<ul style="list-style-type: none"> -Researched Organic Waste diversion as having the greatest impact on residential waste stream. -Recommended funding for organics waste program (GB) in City 2016 budget -Met with city councillor Stephen Turner to discuss Green Bin or other organic waste programs
2. Managing materials	<ul style="list-style-type: none"> Explore ways to increase the range of inorganic materials that get diverted from landfill Review bluebox efficiencies Work closely with Environmental, Fleet and Waste Services and Civic Works on projects listed in the Strategic Plan which will require public input 	Waste Sub-Committee	<ul style="list-style-type: none"> Year 1: scoping Year 2: research Year 3: advise to implement 	<u>Proposed</u> <ul style="list-style-type: none"> \$0 year 1 <hr/> <u>Actual</u>	<ul style="list-style-type: none"> page 11, item 1 D page 12, item 3 D Page 21, item 3 A page 17, 3 B 	<ul style="list-style-type: none"> -Contacted Hamilton regarding logistics, financing of their Green Bin program -Researched biofuel/ anaerobic digester facilities in Canada ex. Surrey B.C, Edmonton -Organized a tour for ACE members at Storm Fisher Anaerobic Digester facility in London -Provided recommendations to City on the environmental Screening Process for Landfill Service Area Changes
3. Renewable energy	<ul style="list-style-type: none"> Explore possibilities for hydro-electric along Thames River Solar energy on municipally-owned buildings Ensure that co-generation/local electricity generation initiatives do not negatively impact the City of London carbon-dioxide emissions targets and carbon footprint or compromise local air quality Explore powering lights at dog parks with combustion of dog droppings 	Energy Sub-Committee	<ul style="list-style-type: none"> Year 1: scoping Year 2: research Year 3: advise to implement 	<u>Proposed</u> <ul style="list-style-type: none"> \$0 year 1 <hr/> <u>Actual</u>	<ul style="list-style-type: none"> Page 12, item 3A&E 	Scoping completed. Research phase commencing.
4. Community Energy Action Plan (CEAP)	<ul style="list-style-type: none"> Review current plan and monitor progress 	Energy Sub-Committee	<ul style="list-style-type: none"> Ongoing 	<u>Proposed</u> <ul style="list-style-type: none"> \$0 year 1 	<ul style="list-style-type: none"> Page 12, item 3A 	Ongoing

Project/Initiative	Background	Lead/ Responsible	Proposed Timeline	Budget	Link to Strategic Plan	Status
5. Local Improvement Charges (LIC)	<ul style="list-style-type: none"> Continue to monitor status of using LICs to implement a PACE-style program Continue to monitor pilot projects in other cities Get ongoing updates from CHEERIO progress 	Energy Sub-Committee	<ul style="list-style-type: none"> Ongoing 	<u>Proposed</u> <ul style="list-style-type: none"> \$0 year 1 	<ul style="list-style-type: none"> Page 12, item 3D 	<p>The City had a Consultation in April 2016</p> <p>Ongoing</p>
				<u>Actual</u>		
6. Alternative building materials/strategies	<ul style="list-style-type: none"> Implement the Living Building Challenge as a City policy Implement a green-roof by-law Review the possibilities of heated sidewalks in urban areas (incl. My Dundas) Vehicle parking: Parking-lot layering, automobile elevators, bike lockers 	Built Environment Sub-Committee	<ul style="list-style-type: none"> Ongoing 	<u>Proposed</u> <ul style="list-style-type: none"> \$0 year 1 	<ul style="list-style-type: none"> Page 12, item 3C 	<p>Received Staff update regarding parking April 6, 2016</p>
				<u>Actual</u>		
7. Low-impact development	<ul style="list-style-type: none"> Implement xeriscaping in all developments Continue to monitor and provide advice on stormwater management (incl. bioswales) 	Built Environment Sub-Committee	<ul style="list-style-type: none"> Ongoing 	<u>Proposed</u> <ul style="list-style-type: none"> \$0 year 1 	<ul style="list-style-type: none"> Page 11, item 1B Page 12, item 3ABCEF & 5B 	<p>Reviewed issues related to Springbank Dam. March 2016. Presentation made at public participation meeting hosted by Public Works.</p> <p>Received presentation from Rick Goldt, UTRCA re Water Control Structures and Thames River Hydro Generation (Nov 2016)</p> <p>Received presentation from Tom Copeland (city) re Wastewater Treatment and Sewer/ Stormwater Overflows on the Thames River (Nov 2016)</p>
				<u>Actual</u>		
8. Nighttime issues	<ul style="list-style-type: none"> Implement a Dark Sky policy Establish “night markets” in downtown core and Old East area: residents get more exercise and get more use out of existing infrastructure/resources 	Built Environment Sub-Committee	<ul style="list-style-type: none"> Ongoing 	<u>Proposed</u> <ul style="list-style-type: none"> \$0 year 1 	<ul style="list-style-type: none"> Page 12, item 3D Page 13, item 4ABC 	<p>Dark Sky policy working group and policy development initiated.</p> <p>Night markets – ongoing.</p>
				<u>Actual</u>		

Project/Initiative	Background	Lead/ Responsible	Proposed Timeline	Budget	Link to Strategic Plan	Status
9. Online Engagement Drive	<ul style="list-style-type: none"> Increase the public's awareness of City led environmental initiatives Increasing the number of enewsletter subscribers. Encouraging social media interaction especially for environmental initiatives. 	Education & Outreach Sub-Committee (Mary Ann - enewsletter subscription / Susan – social media)	2-4 week periods One focus period in the Spring leading up to/ during London Clean & Green. A second focus period in the Fall leading up to / during Waste Reduction Week.	<u>Proposed</u> <ul style="list-style-type: none"> \$0 year 1 	Leading in Public Service 1-Open, accountable and responsive government. A-Make community engagement a priority. Make the public a partner who has access to our information and helps make decisions with Council.	<p>Presentation given to ACE members Jan 6 2016 about City enewsletter / Facebook / Twitter completed.</p> <p>Interacted with city social media on environmental initiatives for Spring 2016 Clean & Green time period. Encouraged other committee members to do so as well.</p>
10. ACE Sub-Committee Communication Support	<ul style="list-style-type: none"> Encourage and facilitate communication at the sub-committee level Include coordinating a DropBox folder (for sub-committee files only), establishing standard reporting formats, encouraging ACE members to attend or view other city meetings and coordinating participation in City programs such as London Clean and Green and Waste Reduction Week. 	Education & Outreach Sub-Committee	Begin efforts in Spring. Ongoing monitoring & improvements throughout year.	<u>Proposed</u> <ul style="list-style-type: none"> \$0 year 1 	Leading in Public Service 4-Collaborative, engaged leadership. A-Continue to build strong working relationships between City Council, Civic Administration, the City's agencies, boards and commissions, and community partners.	<p>Encouraged participation in London Clean & Green Spring 2016.</p> <p>Prepared and distributed a sub-committee report format March 2016.</p> <p>Set up Drop Box folder for key documents to support sub-committee efforts.</p> <p>Hosted 2 meetings with other advisory committee members interested in Education & Outreach in 2016.</p>
11. Natural Environment	<ul style="list-style-type: none"> Topics from prior year, sale of invasive plant species, boulevard naturalization have been discussed, minor additional follow up expected. UTRCA be asked to update ACE on subwatershed health reporting and demonstration site pilot in Glen Cairn neighbourhood specific to low-impact development ie 	Natural Environment Sub-Committee	<ul style="list-style-type: none"> 2016 	<u>Proposed</u> <ul style="list-style-type: none"> \$0 year 1 	<ul style="list-style-type: none"> Page 11, item 1B Page 12, item 3ABCEF & 5B 	Received presentation from Karen Maaskant, Imtiaz Shah and Scott Gillingwater (UTRCA) re Watershed Report Cards, Thames River Pollution, Lake Erie Algae Blooms,

Project/Initiative	Background	Lead/ Responsible	Proposed Timeline	Budget	Link to Strategic Plan	Status
	<p>bioswales, permeable pavement, rain gardens.</p> <ul style="list-style-type: none"> Follow the natural environment aspects of the London Plan and items on Council agendas (each working group should do this as well). Have discussion with Advisory Committee on Agriculture regarding ACE/AG input/participation toward an Urban Agriculture policy for London. This will involve discussions as well with City staff. Continue conversation with City, EEPAC and Urban League during 2016 regarding development of a City ecosystems services master plan. 			<u>Actual</u>		Low Impact Development inc Case Studies. (Dec 2016)
12. Pollinators	<ul style="list-style-type: none"> Topic from prior year, to continue in capacity of following provincial neonicotinoid regulations as they impact London and region and any new related best practices to be found in Canada. ACE's pollinator friendly gardens flyer distribution in spring of 2016 given the City has incorporated earlier ACE recommendations on pollinators into the 2nd version of the London Plan. This will include garden stores, hardware stores, nurseries, libraries, and 2-3 relevant special events such as Seedy Saturday, and home shows. 	Natural Environment Sub-Committee	2016	<u>Proposed</u> <ul style="list-style-type: none"> \$200 	<ul style="list-style-type: none"> Page 12, item 3E 	ACE Pollinator Flyer distributed (Spring 2016) and added to City of London website summer 2016
13. Local Food	<ul style="list-style-type: none"> MLHU be asked to update ACE on results of London & Middlesex community food assessment survey and program/work plan of London's new local Food Council as it pertains to the environment. City Neighbourhood, Children and Fire Services division be asked to update ACE on London's Food Charter engagement in the community and proposed community gardens strategy across the City for the community The city is revising its parking lot design and ACE wants to encourage the planting of fruit and nut trees and propose a pruning schedule/policy for them in order to ensure that the fruits and nets remain accessible to the public. Put together proposal for by-law changes that would encourage Londoners to plant appropriate fruit and nut trees on boulevards, neighbourhood parks, and other 	Natural Environment Sub-Committee Food Sub-Committee	<ul style="list-style-type: none"> 2016 	<u>Proposed</u> <ul style="list-style-type: none"> \$0 year 1 	<ul style="list-style-type: none"> Page 9, item 5A Building a sustainable city/ Beautiful places and spaces. 	<p>Presentation received from Cheryl Smith (city) re Middlesex London Food Policy Council Update & Community Garden Strategy. (June 2016)</p> <p>Received presentation from Joan Brady re International Agreements and the Implications to Local Food (Sept 2016)</p>

Project/Initiative	Background	Lead/ Responsible	Proposed Timeline	Budget	Link to Strategic Plan	Status
	<p>appropriate public spaces.</p> <ul style="list-style-type: none"> Allow local stakeholders to network and build stronger links for urban agriculture, and engage city staff in the creation of an Urban Ag. Master Plan 					
14. Sustainability Officer	<ul style="list-style-type: none"> Invite Sustainability Officer from Markham to speak Put together proposal for the creation of a position of Sustainability Officer for the City of London 	Sustainability Sub-Committee	<ul style="list-style-type: none"> 2016 Ongoing 	<p><u>Proposed</u></p> <ul style="list-style-type: none"> \$200-\$300 for speaker <p><u>Actual</u></p> <p>\$0</p>	All of "sustainable city" section	<p>Received presentation from Markham, Ontario Sustainability Officer and Jay Stanford re Sustainability. (July 2016)</p> <p>Received presentation from Dr. Brennan Vogel re Implementing Sustainability Plans (Oct 2016)</p>
15. By-Law and policy review	<ul style="list-style-type: none"> Council is currently looking at the role of Advisory Committees Other policies and by-laws as directed by ACE related to the work of the Committee Explore inclusion of concept of ecosystem services for staff planning processes Explore creation of environmental master plan as envisaged in London Plan 	<p>By-laws, Policy, & Planning Sub-Committee</p> <p>Sustainability Sub-Committee</p>	<ul style="list-style-type: none"> 2016 Ongoing 	<p><u>Proposed</u></p> <ul style="list-style-type: none"> \$0 year 1 <p><u>Actual</u></p>	"Leading Public Services - organizational practices"	Ongoing
16. Speakers	<ul style="list-style-type: none"> Invite speakers and attend conferences to present to the ACE on subjects relating to our scope Any agreed upon conferences will have a written report on the conference and any impacts for London 	ACE	<ul style="list-style-type: none"> 2016 	<p><u>Proposed</u></p> <ul style="list-style-type: none"> \$500 - \$1000 <p><u>Actual</u></p> <p>\$75.00</p>	All of "sustainable city" section	<p>Ottawa Food Security & Climate Change Conference attended by ACE member Diane Szoller. Report presented Jan 6 2016.</p> <p>Received presentation from Barry Orr (City) regarding Sewer Outreach and Grease Collection Programs Jan 6 2016.</p> <p>Received presentation from M. Elmadhoon re Traffic Planning and Parking Study.</p>

Project/Initiative	Background	Lead/ Responsible	Proposed Timeline	Budget	Link to Strategic Plan	Status
17. Urban Agriculture Symposium – November, 2016 <i>(added to Work Plan - February 2016)</i>	<ul style="list-style-type: none"> Engage the agricultural community and other City Advisory Committees 	ACE	<ul style="list-style-type: none"> Fall 2016 	<u>Proposed</u> <ul style="list-style-type: none"> Approved \$800. <hr/> <u>Actual</u>		Conference was held November 18 & 19 2016. Estimated attendance 250 individuals. Media coverage received via local print, CBC radio and Rogers TV.

Urban Agriculture Conference: “Urban Agriculture: London's Food Future” – Debrief document

Executive summary:

- On a shoestring budget of \$2297, this conference more than achieved its goals of raising awareness and serving as a forum for public consultation and empowerment on the topic of urban agriculture in London
- It brought together 12 leading voices in urban agriculture from London, southern Ontario and internationally
- The conference was visited by over 250 people over the course of the day (plus 65 people went to the conference special presentation on Friday night)
- The conference organization was based on a highly successful collaborative effort of three City Hall advisory committees, London Public Library, City of London – Planning department, and Urban League of London
- Helped to launch a new citizen organization to serve as a connector of people, projects and policy in urban agriculture (Friends of Urban Agriculture London <http://fual.weebly.com>)
- Generated lots of media coverage in print, radio and TV
- The conference talks, posters and brochures are archived at <http://fual.weebly.com/ua-londons-food-future.html>
- Tom Cull, Poet Laureate of London wrote and recited a lovely poem for this special event
- Urban League of London hosted a special Pints and Agriculture session after the conference

Goals of the conference:

- To raise awareness on the current state and future potential of Urban Agriculture in the City of London
- To serve as a forum for public consultation and empowerment to move the agenda of Urban Agriculture forward

Conference themes:

- Urban Agriculture Policy for Municipalities
- Food Security through Urban Agriculture
- The Economics of Urban Agriculture
- Appropriate Technology for Urban Agriculture
- The Role of Fruit and Nut Trees in Urban Agriculture
- The Role of Animals in Urban Agriculture

Date: November 19th, Saturday, 10am to 3pm.

Venue: Central Public Library: Wolf Hall, Stevenson Hunt room, Tonda Room, Hallways

Organizing committee: Sarah Brooks (ACE), Carolyn Doyle (London Public Library), Skylar Franke (AAC), Susan Hall (ACE), Leif Maitland (City of London), Patsy Morgan (London Public Library), Megan Paquette (London Public Library), Gabor Sass (ACE), Diane Szoller (ACE), Wes Kinghorn (Urban League)

Schedule: November 19th, 10am to 4 pm

http://fual.weebly.com/uploads/9/7/0/1/97017932/ua_conference_brochure_1_.pdf

- 10:00 introductions (overview of London's commitment to Urban Ag) Tanya Park, Ward 13 Councillor for City of London & John Fleming, City of London Chief Planner
- 10:10-10:50 plenary speaker (Big picture comments on Urban Ag) Lauren Baker, Toronto Food Policy Council
- 10:50-11 break
- 11-12 breakout sessions (3 sessions, each with two speakers and a facilitator)
 - Urban Agriculture Policy for Municipalities (Lauren Baker, Toronto Food Policy Council & Ellen Lakusiak, London Food Policy Council)
 - Appropriate Technology for Urban Agriculture (Gary Wozniak, Recovery Park Detroit & Terry Nother, Local Sustainability Entrepreneur)
 - The Role of Fruit and Nut Trees in Urban Agriculture (Suzan Poizner, Orchard People Toronto & Jessie Robertson, Wildcraft Permaculture)
- 12-1 lunch
- 1-2 breakout session (3 sessions, each with two speakers and a facilitator)
 - Food Security through Urban Agriculture (Angela ElzingaCheng, FoodShare Toronto & Becky Ellis, EarthMagic Permaculture)
 - The Role of Animals in Urban Agriculture (Lorraine Johnson, Edible City Toronto & Celeste Lemire, Urban gardener)
 - The Economics of Urban Agriculture (Robert Orland, Backyard Bounty Guelph & Aaron Lawrence, On the Move Organics)
- 2-4 Call to Action! – Public Consultation and Networking (Wes Kinghorn, Urban League of London; Leif Maitland, City of London)
- 4:00 – 5:30 Pints and Agriculture – Continuing the dialogue at Fox and Fiddle pub (Wes Kinghorn, Urban League of London)

(Most of the conference was audio-taped and the presentations are available at

<http://fual.weebly.com/ua-londons-food-future.html>)

Attendance: Over the course of the day approximately 250 people visited the conference. The following is an approximate breakdown of numbers by sessions.

Session name	# of people
Keynote session	155
Fruit & Nut trees	25
Animals	30
Food Security	38
Technology	70
Economics	80
Policy	70
Pints and Politics	30

Final budget: The conference was made possible by countless hours of volunteer work, a few thousand dollars of in-kind donations and \$2297.19 spent using various sources of funds.

Income Source	Amount pledged	Amount spent
Councillor Tanya Park	300	302.43
John Fleming	200	150
TFAC	300	274.58
AAC	500	450
ACE	1300	1083.38
Donations (cash)	47.55	36.8
Total	2647.55	2297.19

In-Kind Donations

London Public Library

- Space: Wolf Hall, plus Stevenson and Hunt Room and Tonda Room, foyer/display space outside of Wolf Hall, meeting space for conference prep
- Publicity: Ad in Access magazine, poster (design and printing)
- Registration: through LPL
- Day of conference: Tables, chairs, display boards, flip chart paper, book display, clip boards as needed
- Staff time

Tanja Rohn Mackenzie of Tangerine Photography Inc.: Photography for poster and flyer

Penny Jediseh at Hire Minds Inc.: conference flyer design and poster design

Patrick's Beans: coffee and set up for the event

Terry Nother: two bushels of apples

Photo contest prizes:

- Hawthorne Farms: seed packets
- Reforest London: 3 fruit trees
- Sprout World: 1 bean sprout kit

Media

- Glen Pearson article in London Free Press <http://www.lfpress.com/2016/12/02/pearson-londoners-are-hungry-for-urban-agriculture>
- Chris Montanini article in Londoner <http://www.thelondoner.ca/2016/11/14/londoners-have-a-chance-to-weigh-in-on-upcoming-urban-agriculture-policy>
- Interview on CBC Radio (Gabor Sass)
- Interview on Rogers TV (Skylar and Patsy)
- John Fleming Interview on CBC Fresh Air <https://youtu.be/x5TtnPMOn2E>

Other outcomes of Conference:

- Conference follow-up meeting at Central Public Library on January 25th to form working groups in urban agriculture <http://fual.weebly.com/ua-conference-20.html>
- Establishment of Friends of Urban Agriculture London (FUAL) <http://fual.weebly.com/>

Summary of feedback from attendees, speakers and organizers:

- Great working with everyone, event went really well, high quality of speakers, turnout was good, enough volunteers to complete all the tasks, well-coordinated. Inspiring speakers and participants.
- Received good feedback from the community; incl. Glen Pearson.
- Recap at end of day was a really good idea - summarized all the sessions
- Poetry was really good, Tom Cull is awesome. Pint and Politics went really well, good turnout and people stayed for 2 hours. Acknowledgement statement regarding First Nations from Carolyn was a good idea.
- Some people wanted to go to all 6 sessions, maybe make it different style so everyone can attend all of them.
- Apples were really good, people appreciated coffee and snacks.
- Nice mix of people who attended. 250 people attended.
- Announcement of City process was really interesting, good to find out how they are moving forward.
- Two Councillors were in attendance: Councillor Tanya Park and Councillor Michael Van Holst
- Man who has fruit tree seedlings in yard and found people to share them with.
- Food went well - everyone was fed.
- AV worked in every room, internet was good (should have sent out the wifi in advance to speakers if possible)
- Too bad we couldn't get the video done in all sessions, next time we should just get the sound taken
- City of London – Planning department feedback
 - Don't usually go to someone else's event. Was good to attend to get interested people
 - Good targeted audience from the CoL position
 - Good to hear from the community
- Library perspective
 - Loved it. Partnership was really good.
 - Table with books went well