



London  
CANADA

P.O. Box 5035  
300 Dufferin Avenue  
London, ON  
N6A 4L9

January 27, 2016

I. Listar  
Manager, Urban Forestry

I hereby certify that the Municipal Council, at its meeting held on January 26, 2016 resolved:

9. That the following actions be taken with respect to the 1st Report of the Trees and Forests Advisory Committee:
- a) the Civic Administration BE REQUESTED to provide semi-annual verbal or written updates, ideally in May and November, to the Trees and Forests Advisory Committee (TFAC) with respect to the Urban Forestry Strategy and its implementation; it being noted that the Trees and Forests Advisory Committee, received the attached presentation from S. Rowland, with respect to this matter;
  - b) the attached 2016 Work Plan for the Trees and Forests Advisory Committee BE APPROVED;
  - c) the Civic Administration BE REQUESTED to explore the development of a City-planting watering program for spring 2016 implementation, including:
    - i) the use of a planting contractor, separate watering contractor and/or City (summer) staff;
    - ii) proposed costs, warranty impacts and long-term benefits; and,
    - iii) a program monitoring process to ensure adequate watering is taking place; and,
  - d) clauses 1,2, 4, 5, 7, 9 to 11 BE RECEIVED;

it being noted that the Planning and Environment Committee received the attached presentation from A. Cantell, Vice-Chair, Trees and Forests Advisory Committee, with respect to these matters. (9/2/PEC)

C. Saunders  
City Clerk

cc: J. Fleming, Managing Director, Planning and City Planner  
A. MacPherson, Manager, Environmental & Parks Planning  
S. Rowland, Urban Forestry Planner  
K. Butts, Executive Assistant, Planning  
Chair and Members, Trees and Forests Advisory Committee

### Urban Forest Strategy Recommendation

- That the Civic Administration BE REQUESTED to provide **semi-annual verbal or written updates**, ideally in May and November, to the Trees and Forests Advisory Committee (TFAC) with respect to the Urban Forestry Strategy and its implementation



### “Balled & Burlapped” Trees



B&B trees have lost up to 2/3 of their roots, but still have all their leaves and branches to support

### Park & Street Caliper Tree Planting in London

- Planted by contractor (annual bids)
  - ~\$225 - \$250 / tree (vs. up to \$450 for residents)
- **Warranty:** 2 year
- **Watering:** In theory, responsibility of the contractor awarded the planting contract – **but not actually referenced in contract** (only obligation to replace if failed)

### Park & Street Caliper Tree Watering

- No monitoring of watering by City staff (just warranty replacement checks)
- For contractor: replacing tree - less expensive than watering
- Result: trees in poor condition, esp. in parks (no homeowners)
- After replacement, still no watering, and 2 years of lost growth
- After 2 years: no tree?

### White Oaks Park, Carling Heights

- **White Oaks Park:** ~90% mortality in stand of about 15 caliper trees planted by fence along Renny Cres.
- **Carling Heights:** ~50-60% mortality in row of about 10 caliper trees along McMahan Street





### Street & Park Tree Planting in 2014

Type of Planting	# of Caliper Trees Planted	Cost (Est., based on \$250/plant)
Street Trees - Infill	2,305	\$576,250
Street & SWM Trees – New Subdivisions	1,680	\$420,000
Park & Commemorative Trees	650	\$162,500
<b>TOTAL</b>	<b>4,635</b>	<b>\$1,158,750</b>

### Watering

- One **City-owned truck** goes around to do some watering in summer
  - Downtown trees
- **No watering contracts**
- **Homeowners** *may* water street trees (park trees: out of luck)
- **Climate change** will exacerbate problem (2.7 °C commitment in Paris = ~ 5.4 °C increase in Canada)

### Recommendation

#### That:

- That Civic Administration BE REQUESTED to explore the development of a **City-planting watering program** for spring 2016 implementation, including:
  - a) the use of a planting contractor, separate watering contractor and/or City (summer) staff;
  - b) proposed costs, warranty impacts and long-term benefits; and
  - c) a program monitoring process to ensure adequate watering is taking place.