

Veterans Memorial Parkway Community Program

Final Report Presentation


To

The City of London Civic Works Committee

December 4, 2017

Prepared by

Barry A. Sandler  
Executive Director



Honouring the past, embracing the future

Veterans,  
Environment,  
Community



It began with ...



**VETERANS  
MEMORIAL  
PARKWAY**  
Community Program

A 10 Kilometre Landscape Enhancement Project  
London, Ontario  
2011 - 2017



**1** To **honour**  
the men and women  
who have served our  
country in uniform.



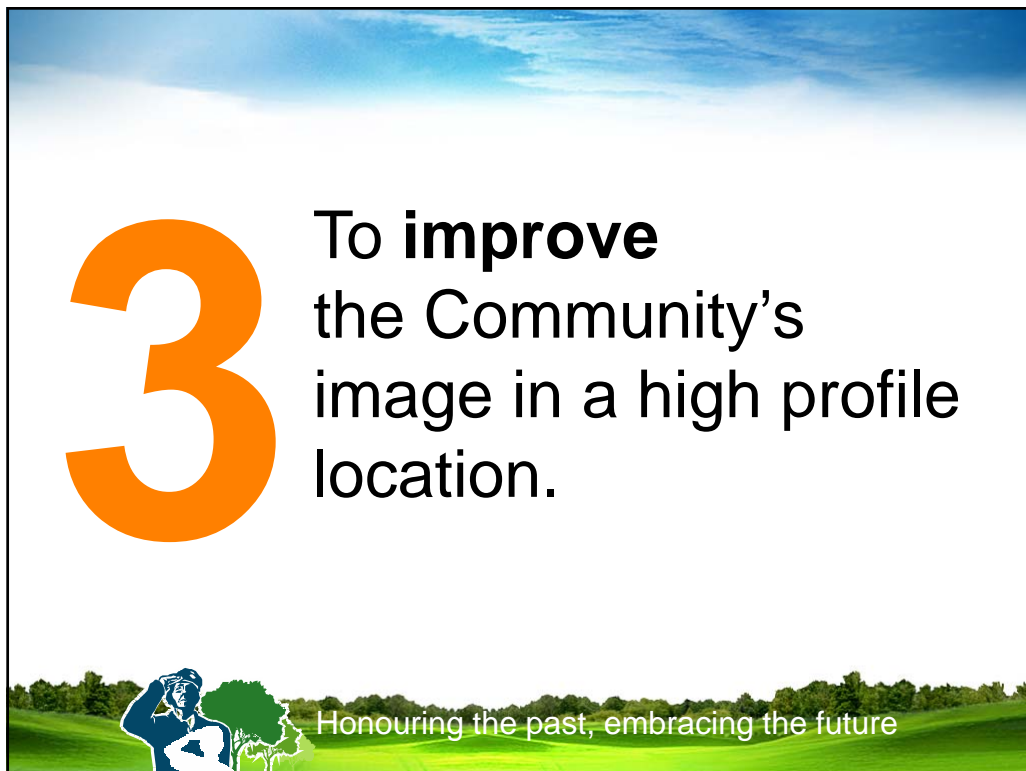
Honouring the past, embracing the future





**2** To **enhance**  
our environment  
through a large scale  
landscape project.

Honouring the past, embracing the future



**3** To **improve**  
the Community's  
image in a high profile  
location.

Honouring the past, embracing the future



**VETERANS  
MEMORIAL  
PARKWAY**  
Community Program

A New Initiative to complete the project  
With Innovative Public-Private Partnerships



**The Six Original Features - 2010**







**VETERANS  
MEMORIAL  
PARKWAY**  
Community Program

Teaming Volunteer Professionals  
Landscapers, Arborists, Foresters





## from Local Landscaping Companies









## Participants

**FANSHAWE COLLEGE**

**TOURISM LONDON CANADA**  
*Discover the Spirit*

**RAC**  
1908

**Western UNIVERSITY · CANADA**

**London Search and Rescue**  
A Division of St. John Ambulance  
NO CALL FOR HELP GOES UNANSWERED

**AUXILIARY**  
LONDON

**ROTARY INTERNATIONAL**  
"Service Above Self"

**SCOUTS CANADA**

**LIONS INTERNATIONAL**

**ARGYLE COMMUNITY ASSOCIATION**

**Girl Guides of Canada**  
**Guides du Canada**







**Partners**

**London CANADA**

**TROJAN UV**  
WATER CONFIDENCE™

**landscapemontario.com**  
HORTICULTURAL TRADES ASSOCIATION  
*Green for Life!*

**StarTech.com**  
Hard-to-find made easy®

**starlimS** north america  
silicone at its best

**TD** TD Friends of the Environment Foundation

**STIHL**

**TALBOT**

**TUNPEHL CORP.**

**GENERAL DYNAMICS**  
Land Systems-Canada

**3M**





**Tourism London Planting Team**



**VMP Promotion – East Lions Park**





**VETERANS  
MEMORIAL  
PARKWAY**  
Community Program

With a Strong Youth Component





**Mentoring the planting leaders  
of the future**

28.09.2013 10:19



**There is a job for everyone ...  
big or small**

28.09.2013 09:53







## Significant Achievements

- 3,000 large caliper trees & 1,000 shrubs planted along the VMP
- \$1.5 Million in infrastructure value with Significant R.O.I. for Municipal Support
- \$300,000 in volunteer hours
- Completed Landscape Plan from Hamilton Rd. to Huron St.
- New Species and New Planting Techniques
- National Award for Community Engagement (CNLA 2014)



## Three New Features

### Features Installed

- 2013 – “Loyalty” – an interpretation of Canadian Flag in Stone by the 66<sup>th</sup> Scout Group & Triple H Paving Stone
- 2014 – “Bravery” by London Chapter Landscape Ontario
- 2014 – “VMP Road Sign in Stone” by GDLS
- ~ \$100,000 in Infrastructure Value



**VETERANS  
MEMORIAL  
PARKWAY**  
Community Program

**New Planting Techniques**







Report Number: C15162-10014  
Account Number: 99926

To: VETERANS MEMORIAL PARKWAY  
1088 ST ANTHONY RD  
LONDON, ON N6H 2P6

**A & L Canada Laboratories Inc.**

2136 Jetstream Road, London, Ontario, N5V 3P5  
Telephone: (519) 457-2575 Fax: (519) 457-2684

For: VMPCP

C15162-10014

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Reported Date: \_\_\_\_\_

Printed Date: 2015-06-15

**SOIL TEST REPORT**

Page: 1

Sample Number	Lab Number	Organic Matter	Phosphorus - P ppm Bicarb	Phosphorus - P ppm Bray-P1	Potassium K ppm	Magnesium Mg ppm	Calcium Ca ppm	Sodium Na ppm	pH	CEC meq/100g	Percent Base Saturations				
									Buffer		% K	% Mg	% Ca	% H	% Na
007-01	09677	2.1	4 VL	4 VL	75 L	150 VL	5070 VH	25 L	7.7	26.9	0.7	4.6	94.3	0.4	
007-02	09678	4.2	6 VL	11 VL	59 L	165 L	3800 VH	182 VH	7.7	21.3	0.7	6.5	89.2	3.7	
007-03	09679	3.7	17 L	22 L	114 M	140 L	3080 VH	24 L	7.6	16.9	1.7	6.9	90.9	0.6	
007-04	09680	4.5	17 L	26 L	155 M	145 L	2970 VH	33 M	7.5	16.6	2.4	7.3	89.5	0.9	

Sample Number	Sulfur S ppm	Zinc Zn ppm	Manganese Mn ppm	Iron Fe ppm	Copper Cu ppm	Boron B ppm	Soluble Salts mg/cm	Saturation %P	Aluminum Al ppm	Saturation %Al	Nitrate Nitrogen NO3-N ppm	K/Mg Ratio	ENR	Field ID
007-01	8 VL	2.7 L	45 H	64 VH	1.9 H	0.3 VL			181	0.0 G		0.15	33	
007-02	30 L	2.9 L	25 M	76 VH	2.7 H	0.6 M		1 VL	410	0.0 G		0.11	54	
007-03	10 VL	2.9 L	81 VH	74 VH	1.4 H	0.4 L		2 VL	620	0.0 G		0.25	49	
007-04	10 VL	3.0 M	58 VH	76 VH	1.6 H	0.6 M		2 VL	580	0.0 G		0.33	57	

DE VL - VERY LOW, L - LOW, M - MEDIUM, H - HIGH, VH - VERY HIGH, G - GOOD, MA - MARGINAL, MT - MODERATE PHYTO-TOXIC, T - PHYTO-TOXIC, ST - SEVERE PHYTO-TOXIC

SOIL FERTILITY GUIDELINES (lbs/ac)

Sample Number	Crop	Yield Goal	Lime Tons/Acre	N	P205	K2O	Mg	Ca	S	Zn	Mn	Fe	Cu	B
Know what you are dealing with														

The results of this report relate to the sample submitted and analyzed.

\* Crop yield is influenced by a number of factors in addition to soil fertility.

Results Authorized By: **Tom McLaughlin, Vice President**





VMP Tree Projects Summary

Project ID	Site ID	Site Name	Qty	Genus	Species	Common Name	Nursery Rating	Nursery Condition	Plant Date	Excavation Size	Excavation Method	C. of L. Infrastructure Value
VMP 2011 001	VMP 5009	3M Site	40	Acer	Rubrum	Red Maple	50mm	20 Gal	1-Oct-11	36"	C. Auger	20,000.00
VMP 2011 001	VMP 5009	3M Site	25	Amelanchier	Canadensis	Canadian Service Berry	50mm	20 Gal	1-Oct-11	36"	C. Auger	12,500.00
VMP 2011 001	VMP 5009	3M Site	26	Betula	Papyrifera	Paper Birch	50mm	20 Gal	1-Oct-11	36"	C. Auger	14,000.00
VMP 2011 001	VMP 5009	3M Site	16	Celtis	Occidentalis	Hackberry Tree	50mm	20 Gal	1-Oct-11	36"	C. Auger	8,000.00
VMP 2011 001	VMP 5009	3M Site	9	Picea	Pungens	Blue Colorado Spruce	150cm	B&B	1-Oct-11	36"	C. Auger	4,500.00
VMP 2011 001	VMP 5011	Starlim	33	Acer	Rubrum	Red Maple	50mm	20 Gal	1-Oct-11	36"	C. Auger	16,500.00
VMP 2011 001	VMP 5011	Starlim	18	Acer	x Fremanii	Autumn Blaze Maple	50mm	20 Gal	1-Oct-11	36"	C. Auger	9,000.00
VMP 2011 001	VMP 5011	Starlim	12	Amelanchier	Canadensis	Canadian Service Berry	50mm	20 Gal	1-Oct-11	36"	C. Auger	6,000.00
VMP 2011 001	VMP 5011	Starlim	9	Picea	Pungens	Blue Colorado Spruce	150cm	B&B	1-Oct-11	36"	C. Auger	4,500.00
VMP 2011 001	VMP 5011	Starlim	14	Tilia	Americana	Redmond Linden	50mm	20 Gal	1-Oct-11	36"	C. Auger	7,000.00
VMP 2011 001	COL 5001	Harris	3	Acer	x Fremanii	Autumn Blaze Maple	50mm	B&B	1-Jul-12	36"	C. Auger	1,500.00
VMP 2012 002	VMP 5005	Argyle North	25	Acer	x Fremanii	Autumn Blaze Maple	50mm	B&B	29-Sep-12	36"	C. Auger	12,500.00
VMP 2012 002	VMP 5005	Argyle North	26	Crataegus	Laevigata	Crimson Cloud Hawthorn	50mm	B&B	29-Sep-12	36"	C. Auger	13,000.00
VMP 2012 002	VMP 5005	Argyle North	14	Tilia	Americana	Redmond Linden	50mm	B&B	29-Sep-12	36"	C. Auger	7,000.00
VMP 2012 002	VMP 5009	3M Site	4	Picea	Pungens	Blue Colorado Spruce	150cm	B&B	29-Sep-12	36"	C. Auger	2,000.00
VMP 2012 002	VMP 5011	Starlim	4	Picea	Pungens	Blue Colorado Spruce	150cm	B&B	29-Sep-12	36"	C. Auger	2,000.00
VMP 2012 002	VMP 5012	Echo	33	Acer	x Fremanii	Autumn Blaze Maple	50mm	B&B	29-Sep-12	36"	C. Auger	16,500.00
VMP 2012 002	VMP 5012	Echo	36	Crataegus	Laevigata	Crimson Cloud Hawthorn	50mm	B&B	29-Sep-12	36"	C. Auger	18,000.00
VMP 2012 002	VMP 5012	Echo	33	Gleditsia	Tricoanthos	Shademaster Locust	50mm	B&B	29-Sep-12	36"	C. Auger	16,500.00
VMP 2012 002	VMP 5012	Echo	33	Tilia	Americana	Redmond Linden	50mm	B&B	29-Sep-12	36"	C. Auger	16,500.00
VMP 2012 003	VMP 5009	3M Site	9	Gleditsia	Tricoanthos	Shademaster Honey Locust	50mm	B&B	4-Oct-12	36"	Excavator	4,500.00
VMP 2012 004	VMP 5009	3M Site	8	Acer	Rubrum	Redpointe Maple	30mm	15 gal	9-Nov-12	36"	Excavator	4,000.00
VMP 2013 001	COL 5001	Harris	2	Acer	Saccharum	Green Mountain Sugar Maple	50mm	B&B	1-Jul-13	36"	by Hand	1,000.00
VMP 2013 002	COL 5002	East Lion	3	Acer	Saccharum	Green Mountain Sugar Maple	60mm	B&B	1-Jul-13	36"	Excavator	1,500.00
VMP 2013 003	VMP 5001	GDLS	21	Acer	x Fremanii	Autumn Blaze Maple	50mm	B&B	28-Sep-13	36"	C. Auger	10,500.00
VMP 2013 003	VMP 5001	GDLS	26	Celtis	Occidentalis	Hackberry Tree	50mm	B&B	28-Sep-13	36"	C. Auger	13,000.00
VMP 2013 003	VMP 5001	GDLS	28	Ginkgo	Biloba	Maiden Hair Tree	50mm	B&B	28-Sep-13	36"	C. Auger	14,000.00
VMP 2013 003	VMP 5001	GDLS	5	Gleditsia	Tricoanthos	Shademaster Locust	50mm	B&B	28-Sep-13	36"	C. Auger	2,500.00
VMP 2013 003	VMP 5001	GDLS	20	Tilia	Americana	Basswood	50mm	B&B	28-Sep-13	36"	C. Auger	10,000.00
VMP 2013 003	VMP 5002	StarTech	25	Ginkgo	Biloba	Maiden Hair Tree	50mm	B&B	28-Sep-13	36"	C. Auger	12,500.00
VMP 2013 003	VMP 5006	London Life	18	Acer	x Fremanii	Autumn Blaze Maple	50mm	B&B	28-Sep-13	36"	C. Auger	9,000.00
VMP 2013 003	VMP 5001	GDLS	29	Ginkgo	Biloba	Maiden Hair Tree	50mm	B&B	28-Sep-13	36"	C. Auger	14,500.00
VMP 2013 003	VMP 5006	London Life	5	Gleditsia	Tricoanthos	Shademaster Locust	50mm	B&B	28-Sep-13	36"	C. Auger	2,500.00
VMP 2013 003	VMP 5006	London Life	9	Quercus	Rubra	Red Oak	50mm	B&B	28-Sep-13	36"	C. Auger	4,500.00
VMP 2013 003	VMP 5006	London Life	39	Tilia	Americana	Basswood	50mm	B&B	28-Sep-13	36"	C. Auger	19,500.00
VMP 2013 003	VMP 5010	Talbot	25	Amelanchier	Alnifolia	Saskatoon Berry	50mm	B&B	28-Sep-13	36"	C. Auger	12,500.00
VMP 2013 003	VMP 5015	Parlwood 1	20	Acer	x Fremanii	Autumn Blaze Maple	50mm	B&B	28-Sep-13	36"	C. Auger	10,000.00
VMP 2013 003	VMP 5015	Parlwood 1	20	Celtis	Occidentalis	Hackberry Tree	50mm	B&B	28-Sep-13	36"	C. Auger	10,000.00
VMP 2013 003	VMP 5015	Parlwood 1	10	Gleditsia	Tricoanthos	Shademaster Locust	50mm	B&B	28-Sep-13	36"	C. Auger	5,000.00

**Data vs. Opinion – Track what you do**

## Results (2015 Survey)


Much lower attrition rates than comparable Street Tree Projects

- 8.1 % due to all causes including accidents
- 2.0 % after the anomalies are removed

With improved planting techniques, After-Care is key

- Watering, inspections, adjustments, and pruning

Proposed Survey in fall of 2017



Honouring the past, embracing the future

## The Key Lesson Learned:

Properly supported  
Community Groups  
can successfully implement  
large scale caliper tree planting projects  
with a major impact on the community



Honouring the past, embracing the future



VETERANS  
MEMORIAL  
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A 10 Kilometre Landscape Enhancement Project



**Honours our Veterans' Service**



**Enhances our Environment**



**VETERANS  
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Honouring the Past; Embracing the Future

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