



MEDWAY ESA CONSERVATION MASTER PLAN

Presentation to Council
April 24, 2018



MEDWAY VALLEY HERITAGE FOREST ESA (SOUTH)

LOCATION
MAP



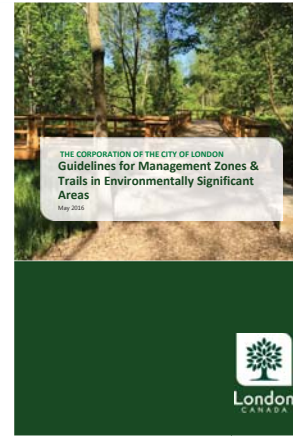
WHY IS NATURAL HERITAGE IMPORTANT TO OUR FUTURE?

... natural heritage features and areas that form the Natural Heritage System, shall be protected and managed to **improve their ecological integrity** and to **provide opportunities for public use** where appropriate.

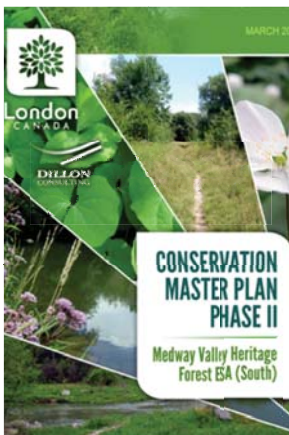


GUIDELINE & GUIDING PRINCIPLES

LONDON PLAN - POLICY 1304



1. Natural features and ecological functions shall be protected
2. The ecological integrity and ecosystem health of the ESA shall have priority in any use or design-related decision
3. The trail system will be designed with the primary objective of ecological protection and the secondary objective of providing suitable recreational and educational opportunities
4. The community will be engaged in trail planning
5. Enjoyable, safe, accessible trails will be permitted in accordance with accessibility legislation



Council launched Ph. 2 Medway CMP Feb/17

GUIDELINE & GUIDING PRINCIPLES

Local Advisory Committee

- Accessibility Advisory Committee (AACAC)
- Environmental & Ecological Planning Advisory Committee (EEPAC)
- Upper Thames River Conservation Authority (UTRCA)
- MVHF ESA Adopt an ESA
- Sunningdale West Residents Association Adopt an ESA
- Friends of Medway Creek Adopt an ESA
- Orchard Park/ Sherwood Forest Ratepayers Adopt an ESA
- Orchard Park/ Sherwood Forest Ratepayers
- Sunningdale West Ratepayers
- Old Masonville Ratepayers
- Sunningdale North Residents Association
- Attawandaron Residents Association
- Western University
- Huron University College
- Nature London
- Thames Valley Trail Association (TVTA)
- Heritage London Foundation
- Museum of Ontario Archeology

ENGAGEMENT

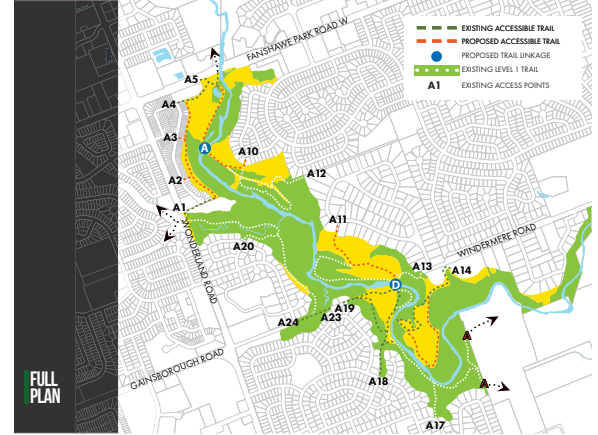
ENGAGEMENT

Engagement Process Highlights

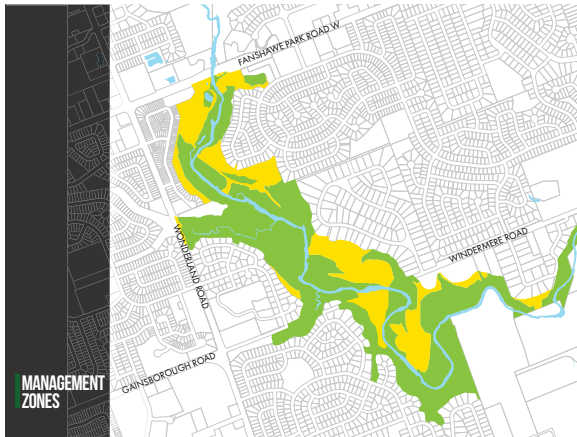
- Letters to all homes (1860) within 200m of entire Medway ESA sent 3 times in 2017
- Direct engagement with EEPAC (x7)
- Direct engagement with ACCAC (x5)
- 7 Notices in Londoner 2013-2018
- Local Advisory Committee (x6)
- Online CMP Survey June 2017
- 4 Open Houses (Phase 1 & 2 in 2013-2017)
- Presentation to OPSF Ratepayers 2017 AGM
- 767 comments 2017-2018
- Process paused 2015-2016 to update Council approved Guidelines for MZs and Trails, 2016



SUSTAINABLE TRAIL PLAN



SUSTAINABLE TRAIL PLAN



SUSTAINABLE TRAIL PLAN



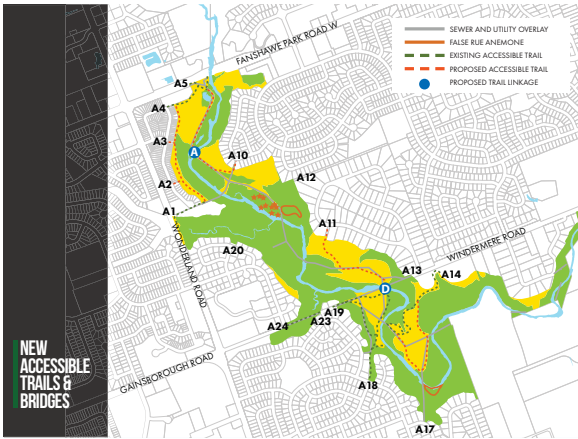
SUSTAINABLE TRAIL PLAN



SUSTAINABLE TRAIL PLAN

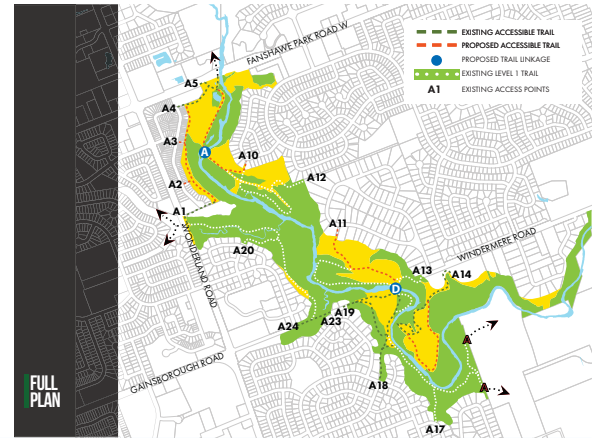


SUSTAINABLE TRAIL PLAN



NEW ACCESSIBLE TRAILS & BRIDGES

SUSTAINABLE TRAIL PLAN



FULL PLAN



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TRAIL TYPES

Level 1 Trail



"Dirt" surface, up to 1 meter wide (about 3 feet wide)

Level 2 Trails (Accessible)

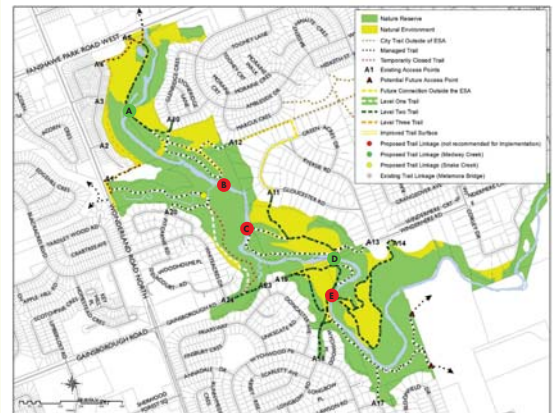


Granular surface up to 2 meters wide / (about 6 feet wide)



Asphalt surface up to 2 meters wide (about 6 feet wide)

POTENTIAL BRIDGE



Linkage A



- Linkage A is a Priority:**
- ✓ Suggested by the Public
 - ✓ Would connect two existing managed trails
 - ✓ Natural Env. Zone supports Level 2 accessible trails
 - ✓ Current impacts from lack of linkage – Informal crossings and trails
 - ✓ No connection may result in further use of the informal trail to the east (closed managed trail) and in Creek crossings
 - ✓ Outside of mapped Significant Ecological Features
 - ✓ Complies with Guidelines
 - ✓ Over Utility Overlay - Minimize Impact & Enhance Accessibility

Potential Crossing B



- Considerations**
- Would require converting informal trails to managed trails
 - Would require passing through known SAR and SCC habitat
 - Would not comply with Guidelines as would directly impact Species at Risk with bridge location along any point of creek bank in this location

- Trails**
- Closed Trail
 - Managed Trail
 - - Informal Trail
 - Contour (5 metre Elevation)
 - False Rue Anemone
- Habitat for Species of Conservation Concern**
- ▨ Habitat for Rare Species (Striped Cream Violet)
 - ▨ Habitat for Rare Species (American Gromwell)
 - ▨ Utility Overlay (4 m)
 - ▨ MVHF ESA Boundary (Not Approved By Council)

Potential Crossing C



- Considerations**
- Would require passing through SAR/SCC habitat
 - Would require new trail on west side and/or conversion of informal to managed trail
 - Would not comply with Guidelines as would directly impact Species at Risk with bridge location along any point of west creek bank.

- Trails**
- Closed Trail
 - Managed Trail
 - - Informal Trail
 - Contour (5 metre Elevation)
 - False Rue Anemone
- Habitat for Species of Conservation Concern**
- ▨ Seeps and Springs Area (S1-S7)
 - ▨ Habitat for Rare Species (Slender Satin Grass)
 - ▨ Habitat for Rare Species (Striped Cream Violet)
 - ▨ Habitat for Rare Species (American Gromwell)
 - ▨ Habitat for Special Concern Species (Green Dragon)
 - ▨ Utility Overlay (4 m)
 - ▨ MVHF ESA Boundary (Not Approved By Council)

Potential Crossing D



- Considerations**
- Would connect two existing managed trails
 - Outside of mapped Significant Ecological Features
 - Complies with Guidelines

- Trails**
- Closed Trail
 - Managed Trail
 - - Informal Trail
 - Contour (5 metre Elevation)
 - Kentucky Coffee-tree
- Habitat for Species of Conservation Concern**
- ▨ Habitat for Rare Species (Slender Satin Grass)
 - ▨ Seeps and Springs Area (S1-S7)
 - ▨ Habitat for Rare Species (Striped Cream Violet)
 - ▨ Habitat for Rare Species (American Gromwell)
 - ▨ Habitat for Special Concern Species (Green Dragon)
 - ▨ Utility Overlay (4 m)
 - ▨ MVHF ESA Boundary (Not Approved By Council)

Potential Crossing E



- Considerations**
- Would connect two existing managed trails
 - Would require passing through known SCC habitat
 - Would not comply with Guidelines as would directly impact Species of Conservation Concern with bridge location along any point of east creek bank.

- Trails**
- Closed Trail
 - Managed Trail
 - - Informal Trail
 - Contour (5 metre Elevation)
 - Butternut
 - Kentucky Coffee-tree
- Habitat for Species of Conservation Concern**
- ▨ Habitat for Rare Species (Slender Satin Grass)
 - ▨ Habitat for Rare Species (Striped Cream Violet)
 - ▨ Habitat for Rare Species (American Gromwell)
 - ▨ Utility Overlay (4 m)
 - ▨ MVHF ESA Boundary (Not Approved By Council)