Examples of Adaptation in the City of Cambridge’s Urban Forest

David Lefcourt
MCA, BCMA, ISA Municipal Specialist, TRAQ
City Arborist/Tree Warden
City of Cambridge, MA
617-349-6433
dlefcourt@cambridgema.gov
www.cambridgema.gov/tree
A 2012 study showed the city had 30% canopy coverage.
Species Diversity

Over 130 different tree species are installed throughout the city
Improved Tree Planting Specifications

NOTE:
TREE TO BE PLANTED WITH EXPOSED ROOT FLARE 1" ABOVE GRADE AT CURB

LOCATING THE ROOT FLARE

CITY OF CAMBRIDGE STANDARD SPECIFICATIONS AND DETAILS

SCALE: NTS DATE: 05/19/2019 SPEC. SECTION REF: 02906 # 1 OF 6

TREE PLANTING DETAIL
(REPLACEMENT AT EXISTING TREE PIT)

CITY OF CAMBRIDGE STANDARD SPECIFICATIONS AND DETAILS

SCALE: NTS DATE: 05/19/2019 SPEC. SECTION REF: 02906 # 2 OF 6
New Street Tree Wells

City is installing structural soil behind many new tree wells to help increase soil volume and encourage roots to spread out.
Construction Coordination: Flexi-Pave
Engineering Division is now creating expanded tree areas utilizing Sand Based Structural Soil (SBSS) and irrigation where possible.

Larger soil volume should help trees develop larger calipers and live longer in harsher planting environments.
Construction Coordination: New Cycle Track with SBSS
Tree Planting: Watering

- For the past 5 summers, the DPW has employed Water-By-Bike/Tree Ambassadors to help care for the young street trees throughout the City.
- DPW sends out a daily watering crew during the growing season to help ensure trees establish quicker and thrive.
- All new trees installed by the City have a 2 year warranty.
Tree Pruning – 6 Zones

City currently maintains a proactive 6 year pruning cycle.
Thank you