



Mass Ave/Appleton Street Safety + Accessibility Corridor Project

SELECT BOARD TREE HEARING PRESENTATION

September 27, 2023

Existing Trees



Existing Trees



Proposed Tree Locations



Proposed Tree Locations



Tree Inventory

Tree Caliper Calculation	QTY	DBH
Total Existing Trees	30	265
Total Existing + Proposed New Trees	45	266

DBH = Diameter at Breast Height

Existing Tree Species	DBH (inches)	Status
Hawthorn	13	Remove
Hawthorn	3	Transplant
Hawthorn	1	Transplant
Red Maple	8	Remove
Red Maple	2	Transplant
Honey Locust	23	Remove
Honey Locust	7	Remove
Princeton Elm	5	Transplant
Ash	18	Remove
Total DBH Remove	69	
Total DBH Transplant	11	

Proposed+Transplanted Trees	QTY	DBH (inches)
Small Trees 3.5-4" cal.	13	45.5
Medium Trees 3.5-4" cal.	7	24.5
Transplanted Trees	4	11
Total New Proposed	20	70
Total Proposed+Transplanted	24	81



Potential Tree Species

SMALL TREES: 30' at maturity

Syringa reticulata 'Ivory Silk'
Japanese Tree Lilac

Halesia carolina
Carolina Silverbell

Amelanchier 'Autumn Brilliance'
Serviceberry

Maackia amurensis
Amur Maackia

Crataegus crusgalli 'Inermis'
"Thornless"
Thornless cockspur Hawthorn

Malus 'Spring Snow' "Fruitless"
Spring Snow Crabapple



MEDIUM TREES: 45' at maturity

Tilia cordata 'Greenspire'
Greenspire Linden

Gleditsia t.i. 'Skycole'
Skyline Honeylocust

Liquidambar styraciflua 'Worplesdon'
Worplesdon Sweetgum

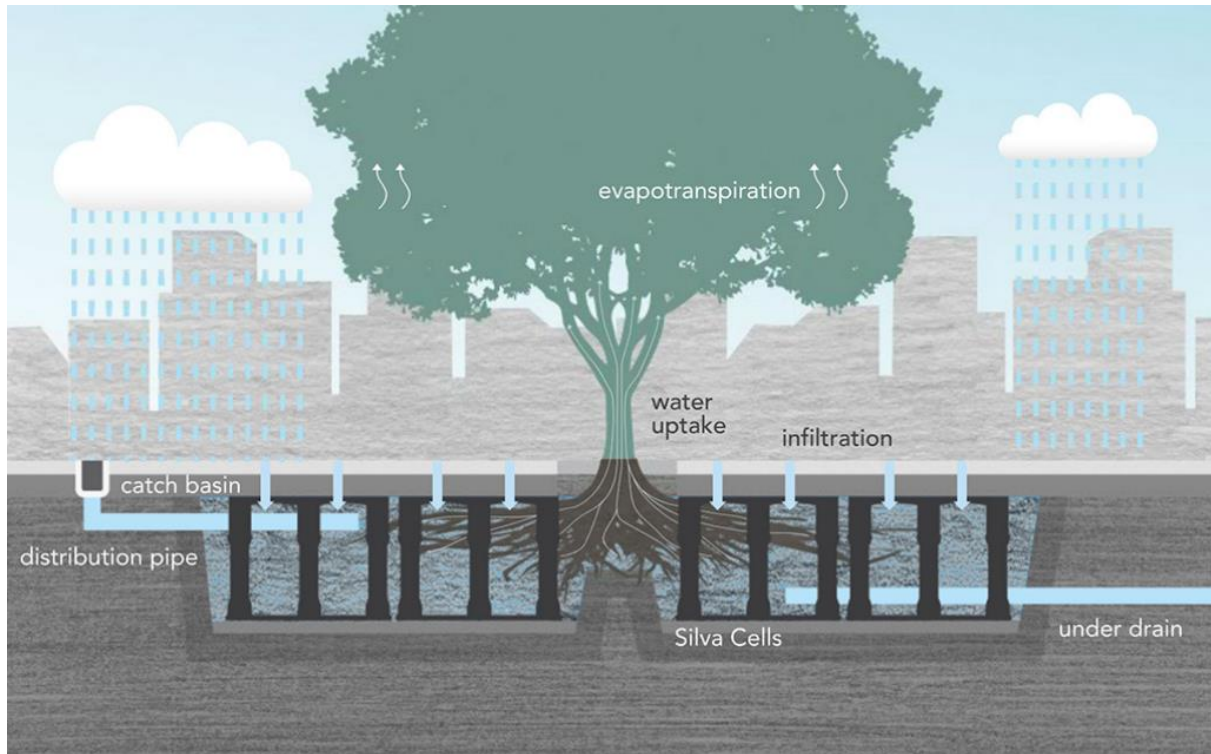
Cladrastis kentuckea
Yellowwood

Ginkgo biloba 'Autumn Gold' "Male Trees Only"
Autumn Gold Maidenhair Tree

Acer Rubrum 'October Glory'
October Glory Red Maple



Green Infrastructure



DeepRoot SilvaCells



American Society of Landscape Architects – Rain Gardens / Bioretention Basin Curb Bumpouts



Green Infrastructure

-  POTENTIAL BIORETENTION BASIN
-  POTENTIAL SILVA CELL



-  EXISTING TREES TO REMAIN
-  EXISTING TREES TO BE REMOVED / TRANSPLANTED
-  PROPOSED TREES



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