





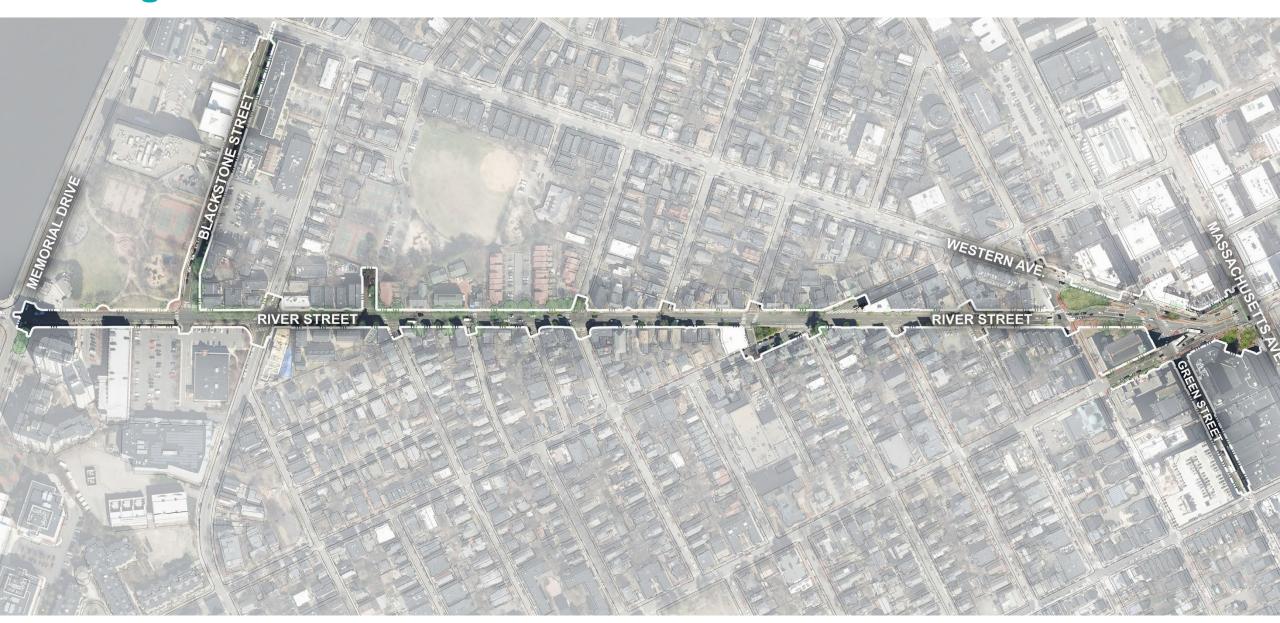


Tree Hearing

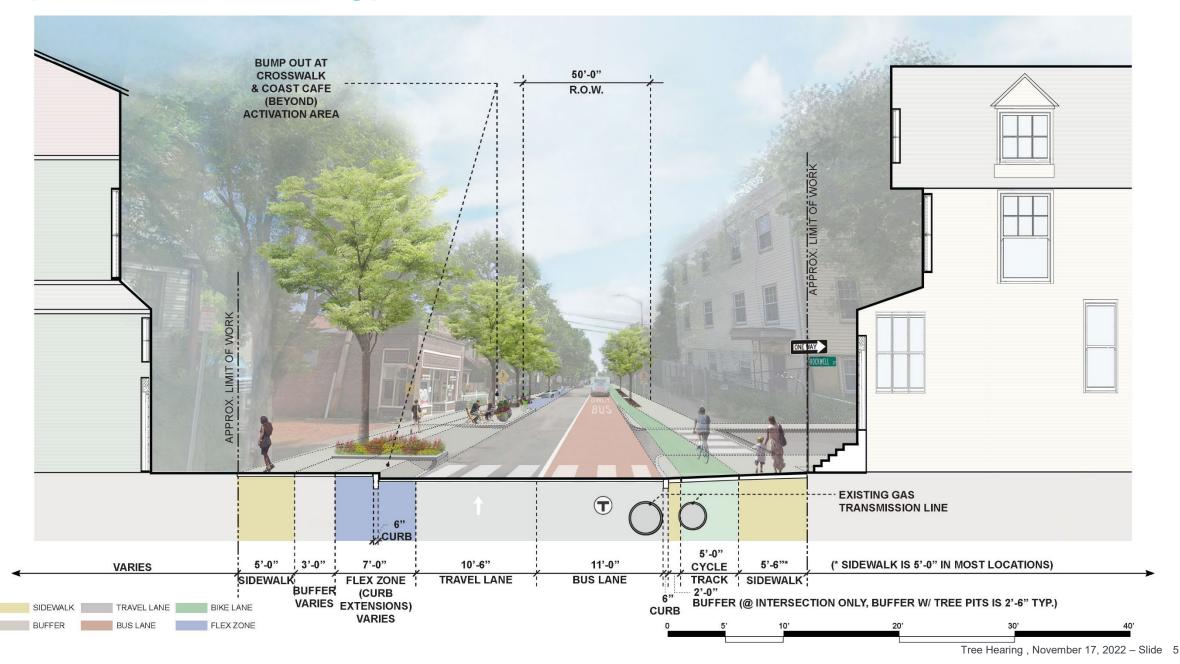
November 17, 2022

Corridor Design

Existing Conditions



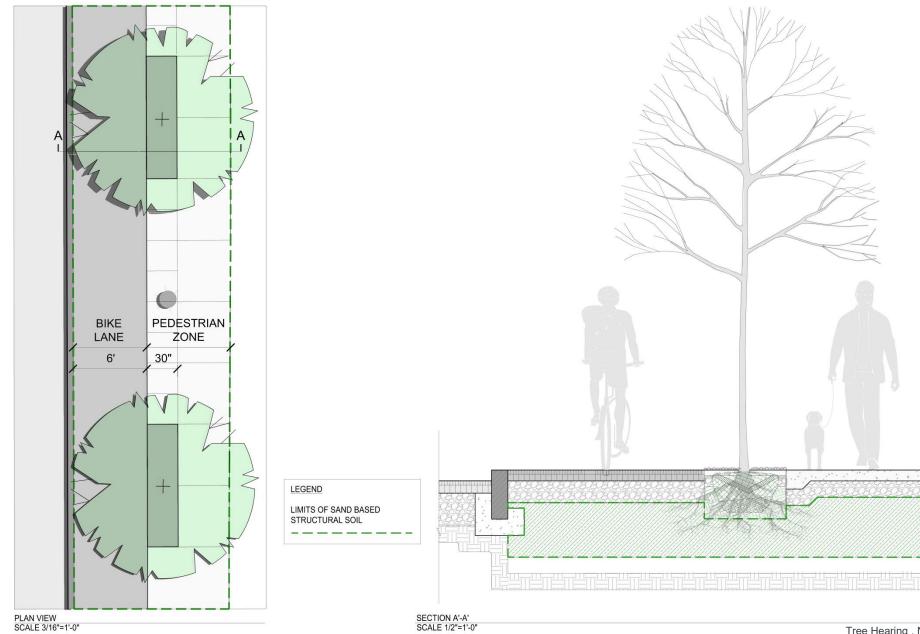
Proposed Conditions – Typical Cross Section



Proposed Conditions

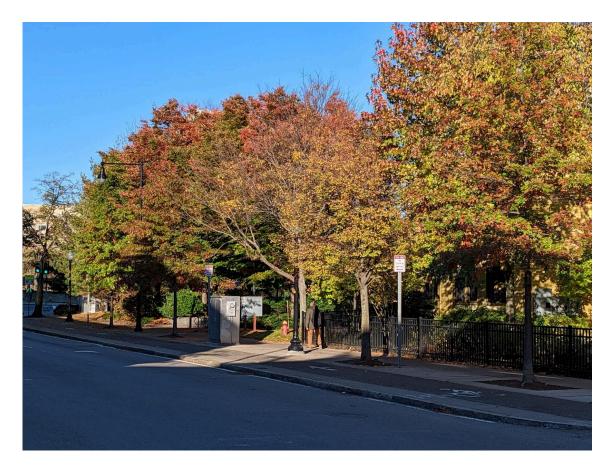


Proposed Planting Conditions -

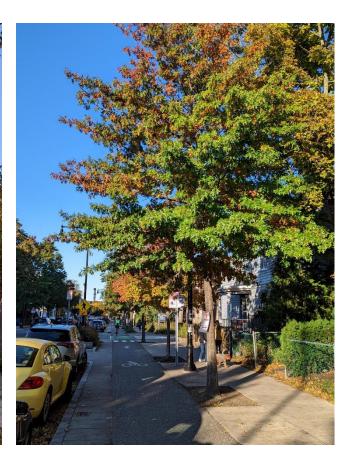


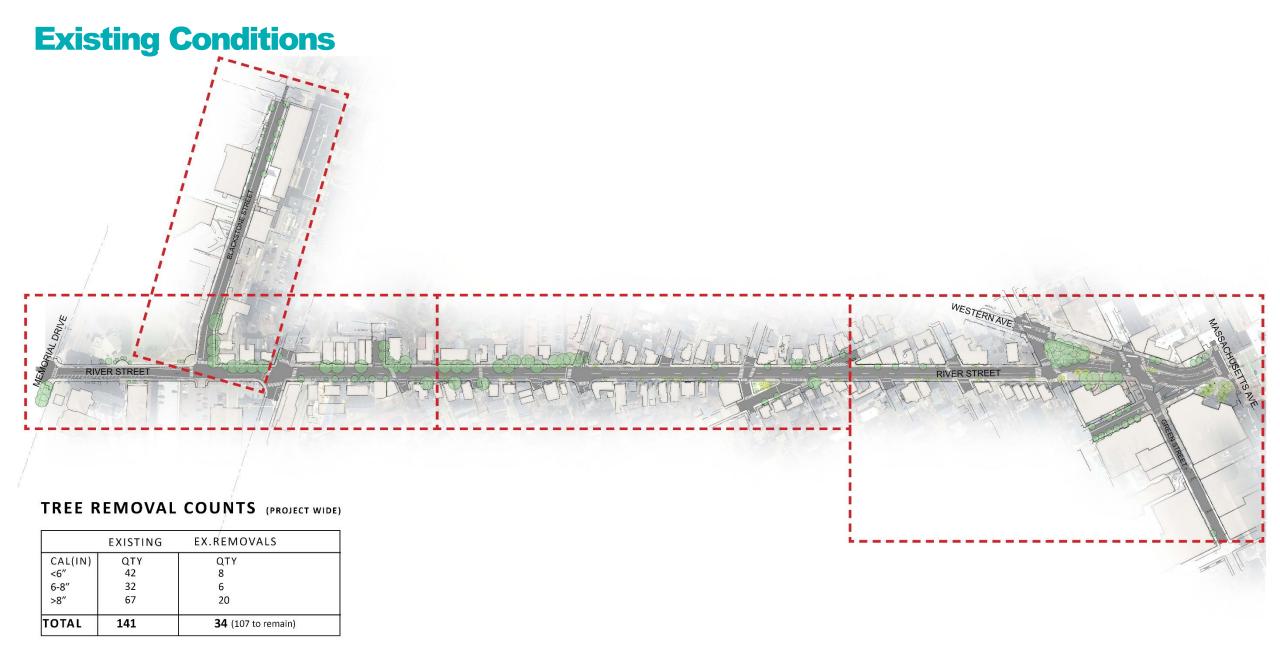
Western Ave. Reconstruction - Trees shown seven years after planting. Planting method using expanded soil

volume was similar to what is proposed for River Street.







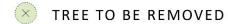




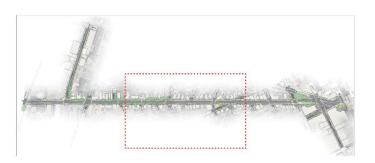














3 222 River St 8.1" cal. Linden Good Condition



202 River St 5.7" cal. Linden Poor Condition



5 183 River St 13.3" cal. Norway Maple Good Condition



6 168 River St 4.3" cal. Ginko Good Condition



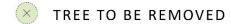
7 160 River St 10.3" cal. Ash Fair Condition



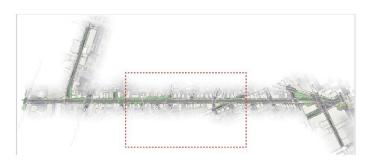
8 158 River St 7.3" cal. Linden Fair Condition











156 River St **Poor Condition**



148 River St Fair Condition

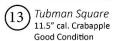


140 River St 7.9" cal. Linden Fair Condition



Tubman Square 12.7" cal. Crabapple Good Condition

(14) Tubman Square 5.5" cal. Crabapple - Good Condition

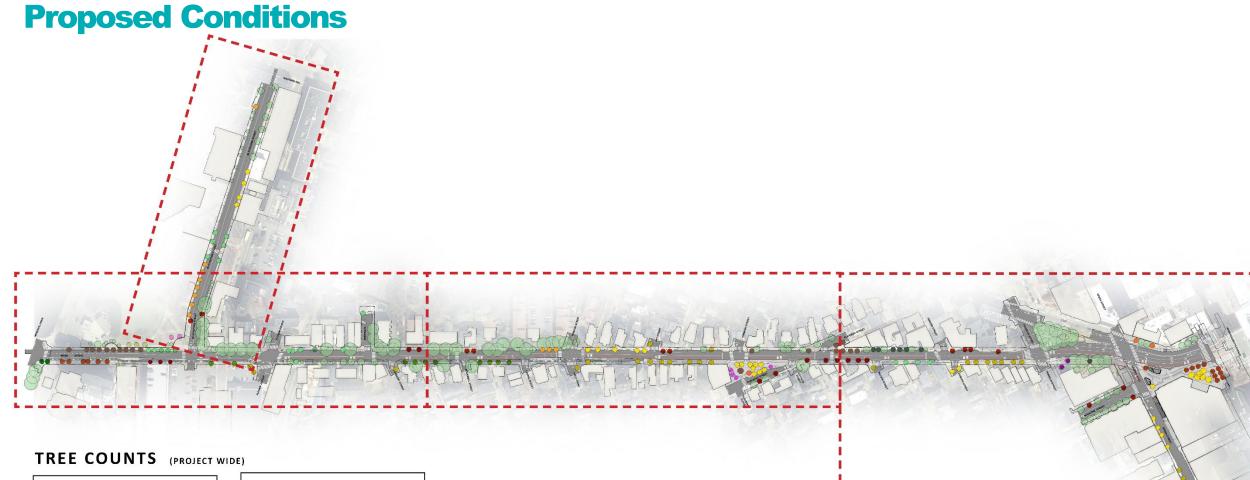


(15) 94 River st 4.4" cal. Linden Fair Condition



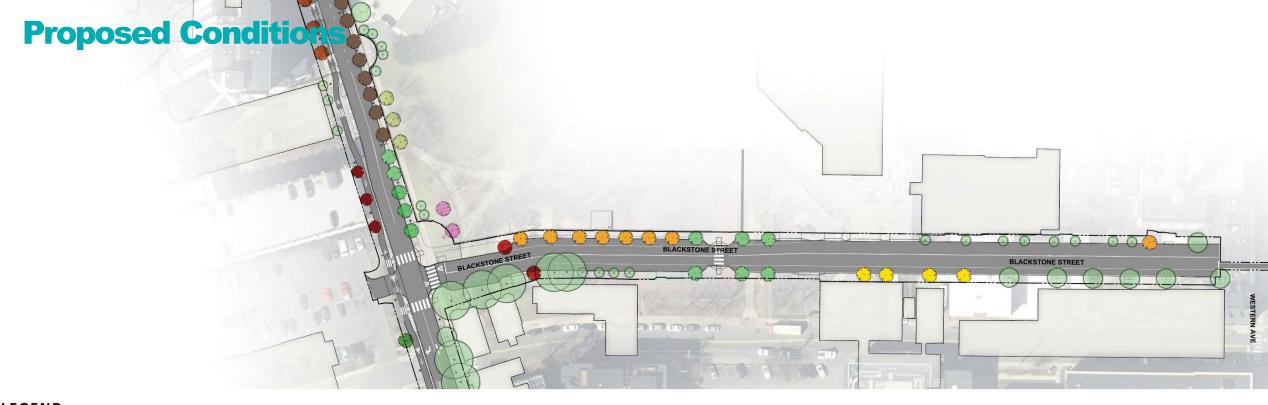






EXISTING REMOVAL		
CAL(IN)	QTY	TOTAL CAL (IN)
3	4	12.2
4	2	8.7
5	3	16.9
6	1	6.4
7	4	30.4
8	4	32.3
9	3	27.8
10	5	52.0
11	5	56.8
12	1	12.7
13	1	13.3
15	1	15.2
TOTAL	z 34	284.7

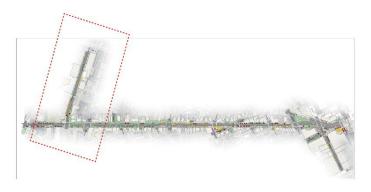
10	03
10	65
6	33
19	85.5
136	340
QTY	TOTAL CAL (IN)
ED TRI	EES
	QTY 136 19 6



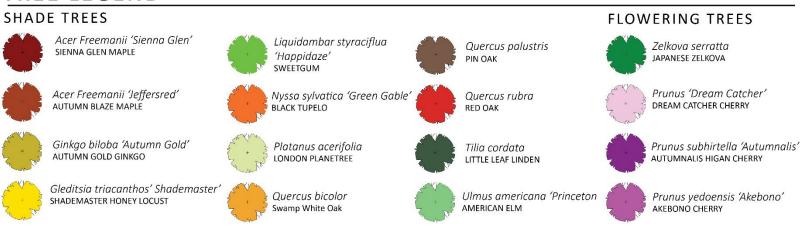


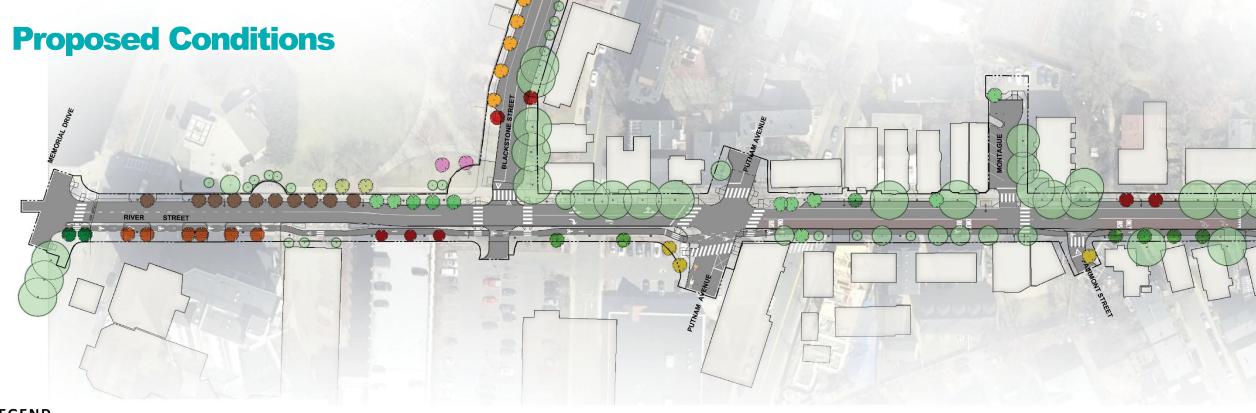


KEY PLAN



TREE LEGEND

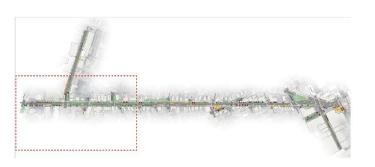






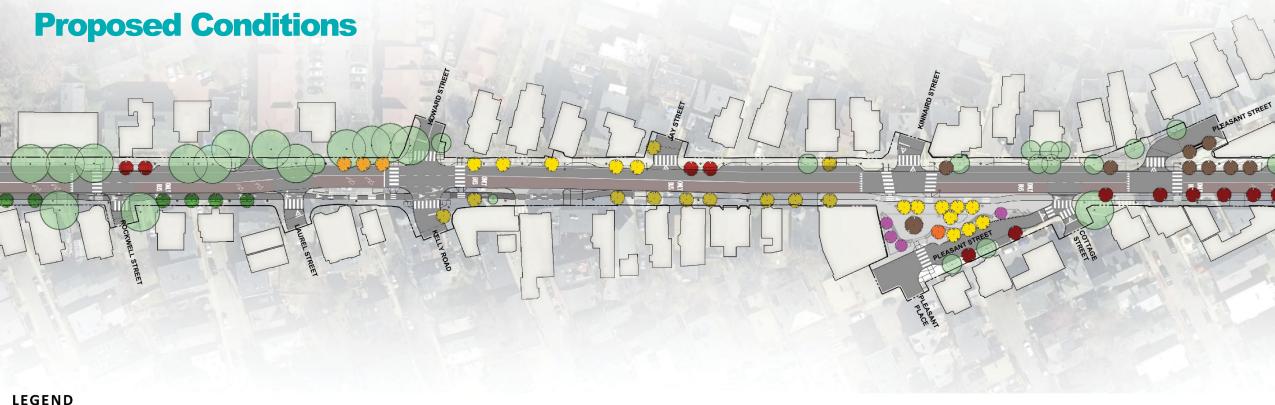


KEY PLAN



TREE LEGEND

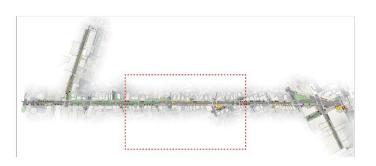
SHADE TREES FLOWERING TREES Acer Freemanii 'Sienna Glen' Liquidambar styraciflua Quercus palustris Zelkova serratta SIENNA GLEN MAPLE 'Happidaze' JAPANESE ZELKOVA PIN OAK SWEETGUM Acer Freemanii 'Jeffersred' Nyssa sylvatica 'Green Gable' Prunus 'Dream Catcher' Quercus rubra AUTUMN BLAZE MAPLE BLACK TUPELO DREAM CATCHER CHERRY **RED OAK** Ginkgo biloba 'Autumn Gold' Prunus subhirtella 'Autumnalis' Platanus acerifolia Tilia cordata AUTUMN GOLD GINKGO LITTLE LEAF LINDEN AUTUMNALIS HIGAN CHERRY LONDON PLANETREE Gleditsia triacanthos' Shademaster Ulmus americana 'Princeton Prunus yedoensis 'Akebono' Quercus bicolor SHADEMASTER HONEY LOCUST AMERICAN ELM Swamp White Oak AKEBONO CHERRY



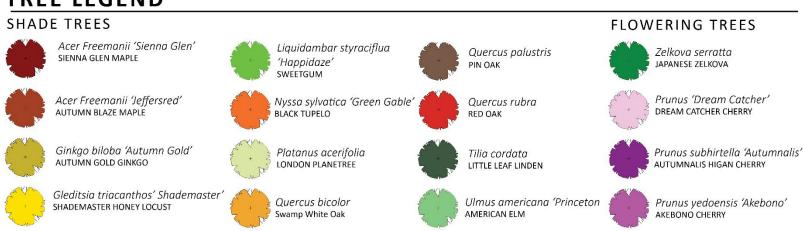




KEY PLAN



TREE LEGEND

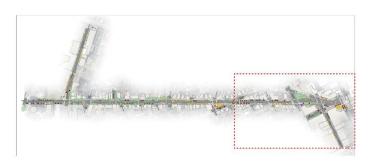




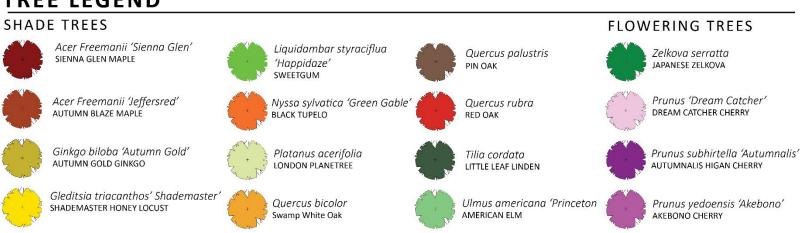




KEY PLAN



TREE LEGEND



Plant Palette



AKEBONO CHERRY
Prunus x yedoensis 'Akebono'



AUTUMNALIS HIGAN CHERRY Prunus subhirtella 'Autumnalis'



AMERICAN ELM
Ulmus americana 'Princeton'



BLACK TUPELO Nyssa sylvatica 'Green Gable'



AUTUMN BLAZE MAPLE Acer Freemanii 'Jeffersred'



DREAM CATCHER CHERRY Prunus 'Dream Catcher'

Plant Palette

JAPANESE ZELKOVA Zelkova serrata



MAIDENHAIR TREE Ginkgo biloba



LITTLELEAF LINDEN Tilia cordata



NORTHERN RED OAK Quercus rubra

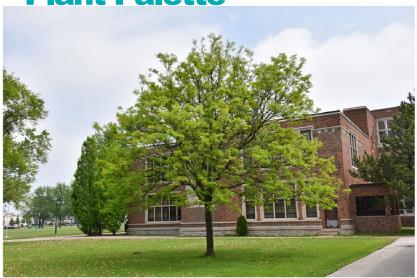


LONDON PLANETREE Platanus acerifolia



PIN OAK Quercus palustris

Plant Palette



SHADEMASTER HONEY LOCUST
Gleditsia triacanthos inermis 'Shademaster'



SWAMP WHITE OAK *Quercus bicolor*



SIENNA GLEN MAPLE Acer Freemanii 'Sienna'



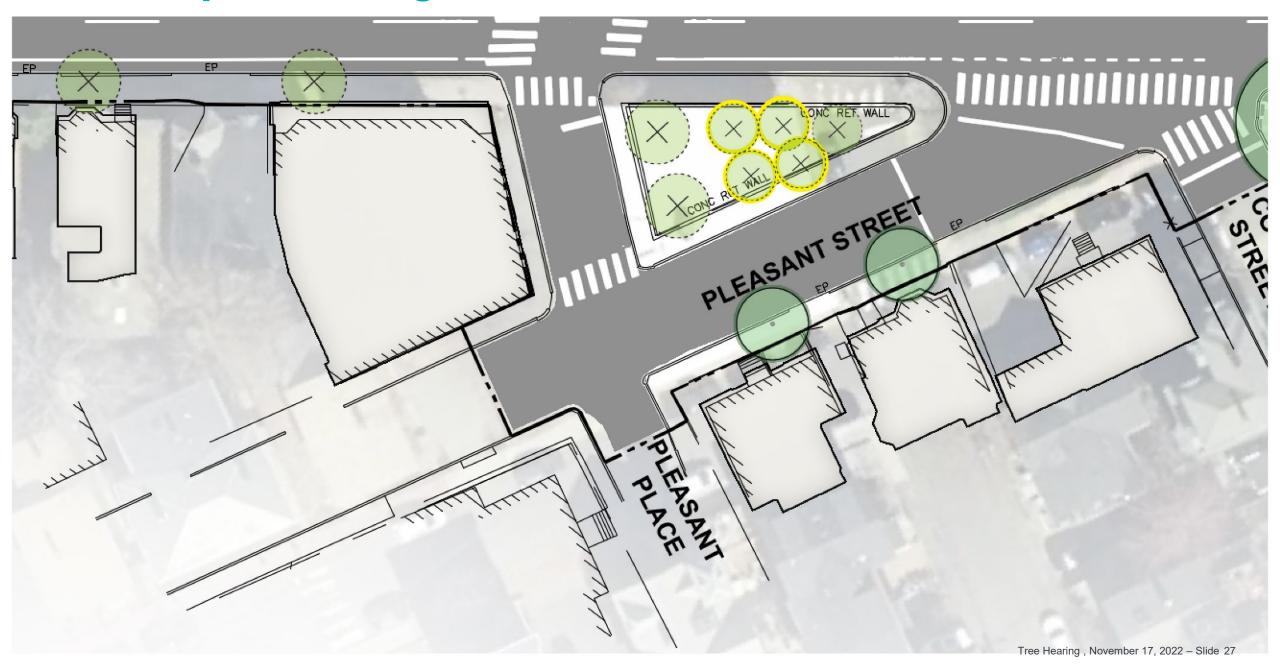
SWEETGUM *Liquidambar styraciflua 'Happidaze'*

Tubman Square Design

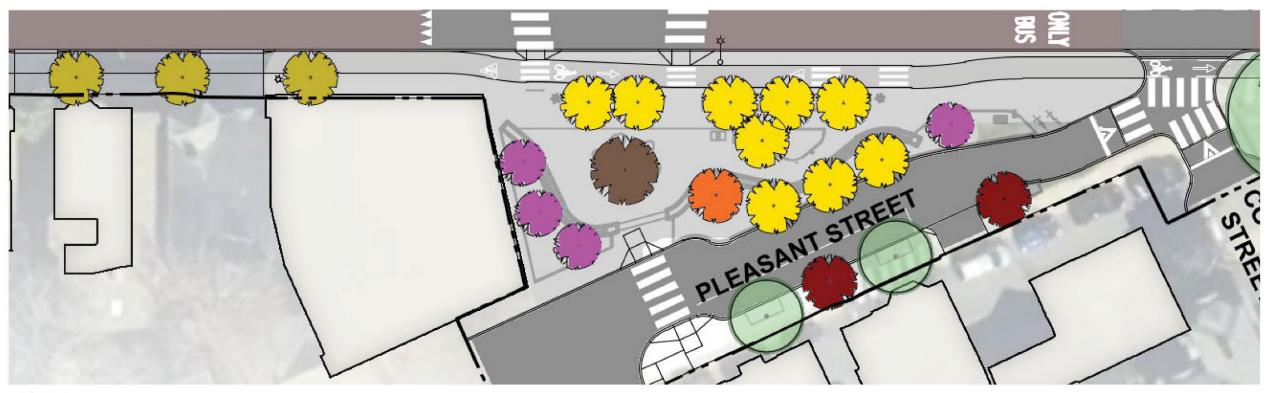
Tubman Square - Existing Condition



Tubman Square - Existing Condition



Tubman Square - Proposed Condition



LEGEND

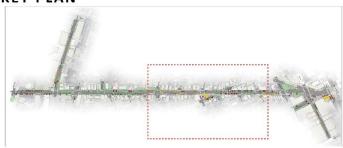


PROPOSED TREE



EXISTING TREE TO REMAIN

KEY PLAN



TREE LEGEND

SHADE TREES



Gleditsia triacanthos' Shademaster' SHADEMASTER HONEY LOCUST



Nyssa sylvatica 'Green Gable' BLACK TUPELO



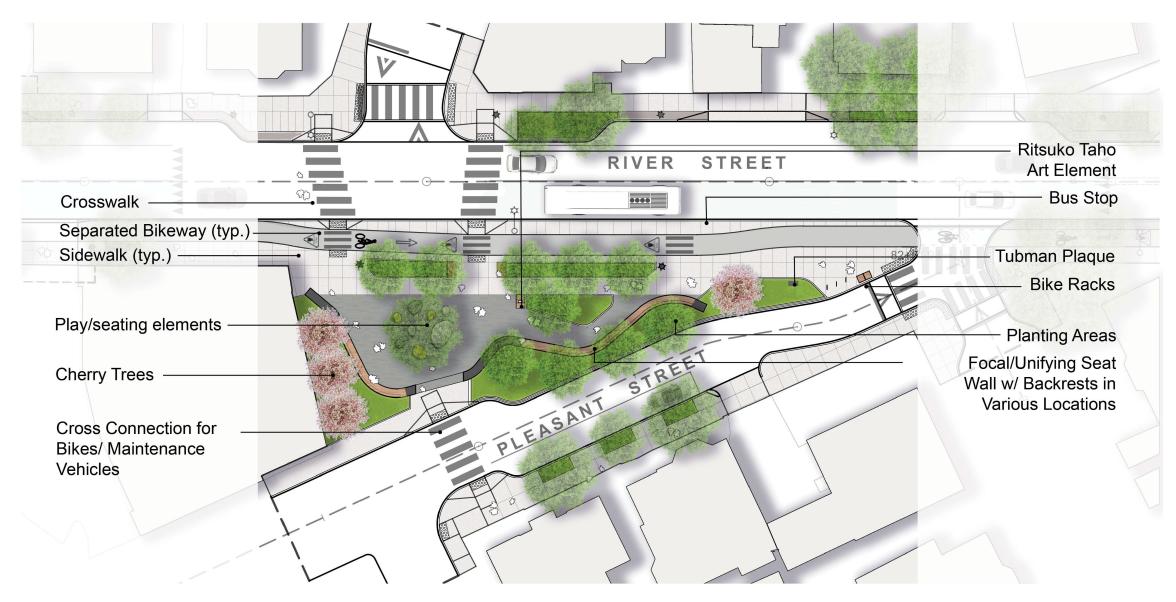
Quercus palustris PIN OAK

FLOWERING TREES

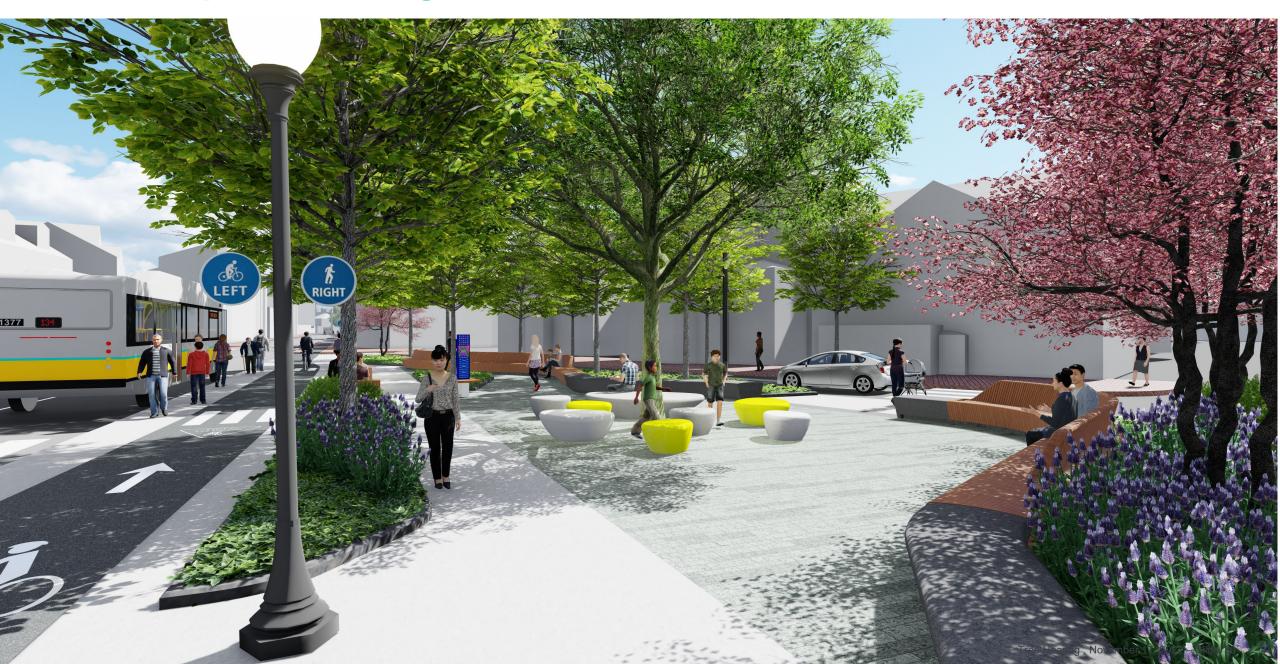


Prunus yedoensis 'Akebono' AKEBONO CHERRY

Tubman Square - Proposed Condition



Tubman Square – Looking East



Tubman Square – Looking West



Tubman Square – Looking West



Carl Barron Plaza Design

Carl Barron Plaza – Existing Condition

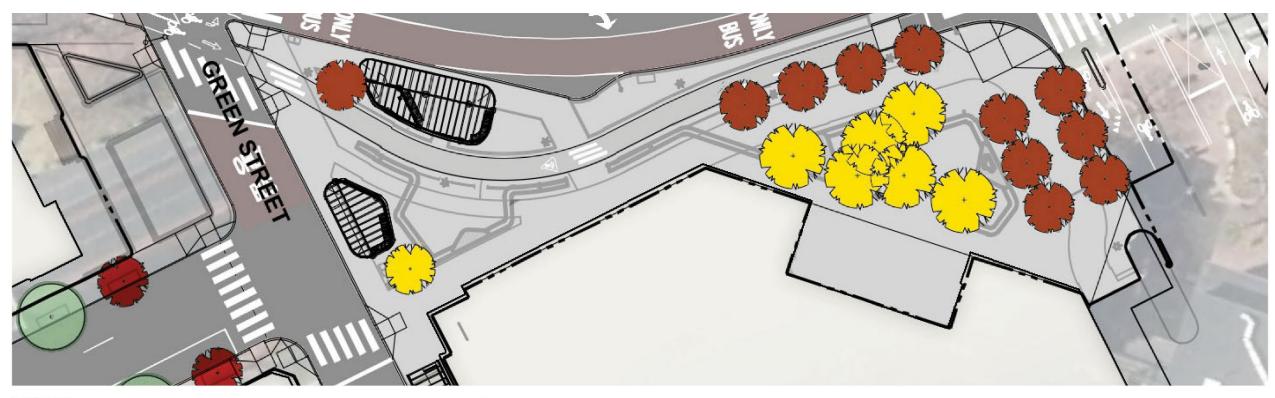


Reasons for tree removal

- Near end of life span due to confined roots with limited soil volume.
- Planted in a raised condition
 - Would need to remain raised, requiring planters in the exact same locations, limiting design potential.
 - Contradicts goal of creating a more flexible, programmable space.
- New trees could be planted with adequate sand based structural soil volumes below grade to achieve maturity.

Carl Barron Plaza – Existing Condition



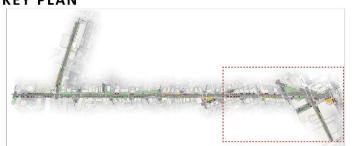


LEGEND





KEY PLAN

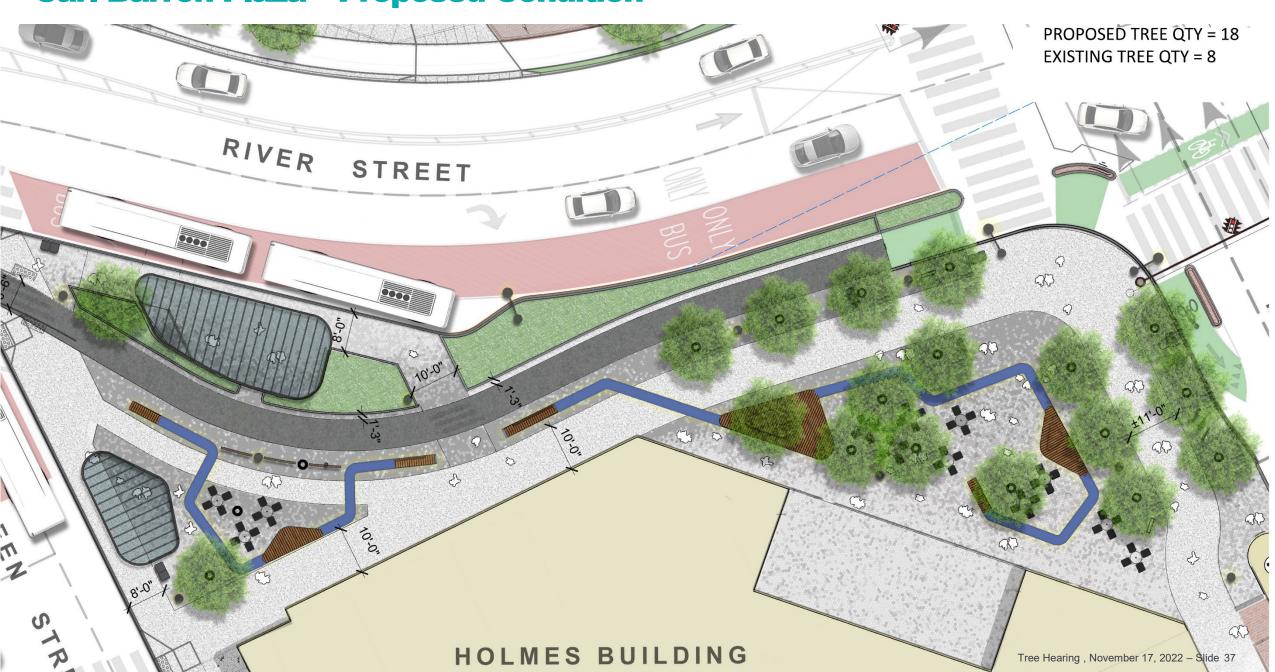


TREE LEGEND

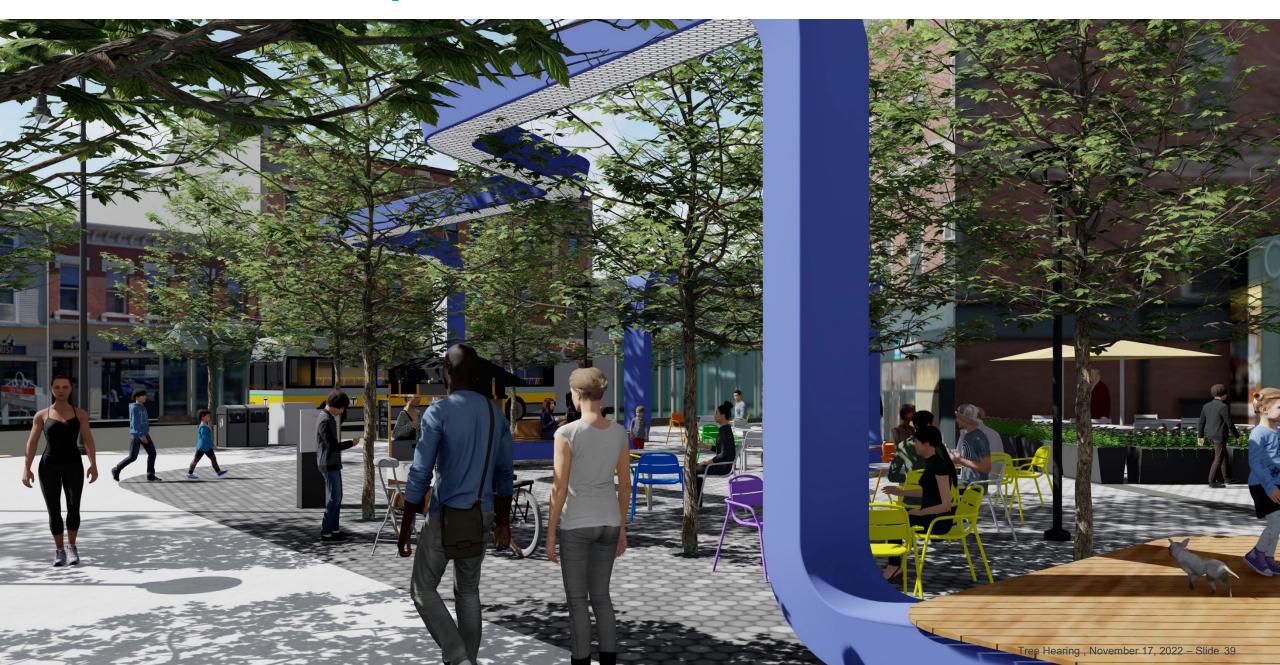
SHADE TREES











TREE COUNTS (PROJECT WIDE)

EXISTING REMOVAL		
CAL(IN)	QTY	TOTAL CAL (IN)
3	4	12.2
4	2	8.7
5	3	16.9
6	1	6.4
7	4	30.4
8	4	32.3
9	3	27.8
10	5	52.0
11	5	56.8
12	1	12.7
13	1	13.3
15	1	15.2
TOTAL	z 34	284.7

PROPOSED TREES				
CAL(IN)	QTY	TOTAL CAL (IN)		
2.5	136	340		
4.5	19	85.5		
5.5	6	33		
6.5	10	65		
TOTAL	171	523.5		

THANK YOU!

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