

Urban Tree Farms

Helping Communities
Grow Green & Grow Strong

March 22, 2014



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- Urban trees have been linked to:



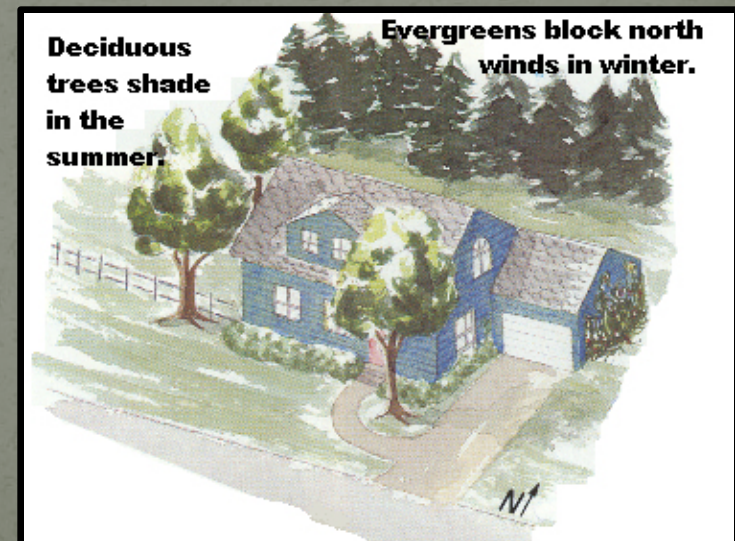
- Reduced Crime
- Increased Property Values
- Decreased Street Noise
- Increased Social Behavior

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- Annual cooling energy savings can be reduced by 1% for each tree planted near a house
- Annual heating energy savings can be reduced by 2% for each tree planted near a house
 - Positive benefits from wind shielding far outweigh negative benefits from shading



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A five city study by
the Journal of Forestry
found that on a per tree basis,
cities accrued benefits
ranging from roughly \$1.50 to \$3.00
per \$1.00 invested

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Studies have shown that planting a public shade tree within 50 feet of a residential property will increase the value of that property by 9 percent



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Although there are clear benefits from more public shade trees, there are significant municipal financial constraints to planting more public shade trees

One solution is to develop
Urban Tree Farms

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Benefits of Urban Tree Farms

- Good Source of Public Shade Trees at Reduced Cost
- Provide Environmental Benefits
- Provide Enhanced Quality of Life
- Opportunity for Community Engagement

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In 2013,
the City of Fall River
created the 1st
of three planned
Urban Tree Farms



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Fall River's First Urban Tree Farm



consulting · engineering · construction · operations



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Developing an Urban Tree Farm

Step 1

Location, Location,
Location



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Developing an Urban Tree Farm Step 2



Build Partnerships

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Developing an Urban Tree Farm

Step 3

Secure Funding



Fall River's Urban Tree Farm was Funded in large part by a Cities of Service Grant

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Step 4

Prepare the site



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Developing an Urban Tree Farm Step 5

Acquire the Trees



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Developing an Urban Tree Farm Step 6



It's Planting Time!

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Developing an Urban Tree Farm Step 7

Growing Season



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Developing an Urban Tree Farm Step 8

Harvesting
&
Replanting



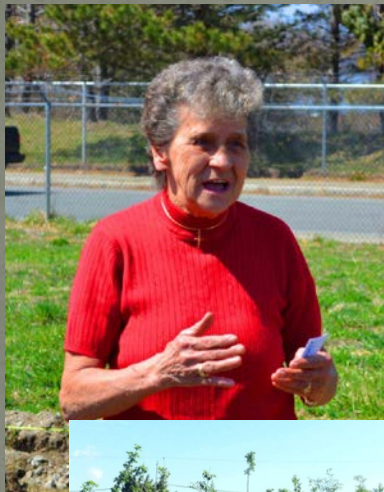
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Developing an Urban Tree Farm

Step 9



Sustainability

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Developing an Urban Tree Farm

Lessons Learned

- Site Selection
- Partnerships/Volunteerism
- Sustainability

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Questions & Answers



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Thank You!

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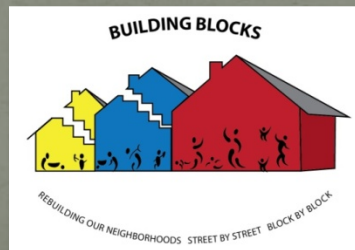
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