

Tulsa's Urban Forest Master Plan

Steve Grantham
Up With Trees



UP WITH TREES

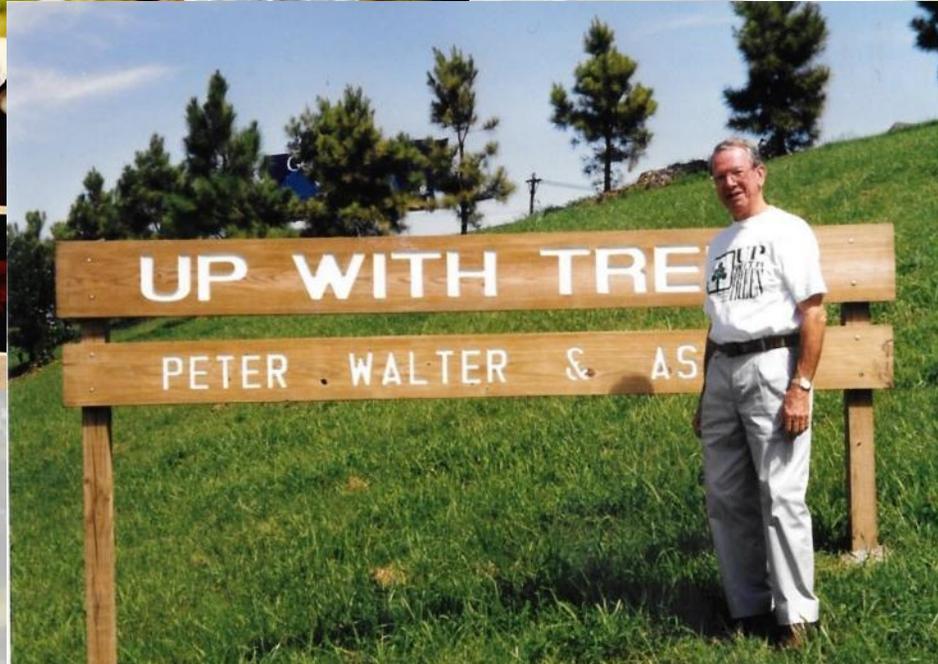
PLANTING,
PRESERVING &
PROMOTING
TULSA'S URBAN FOREST

Who Are We?

What Do We Do?

Why Do We Do It?

Who We Are



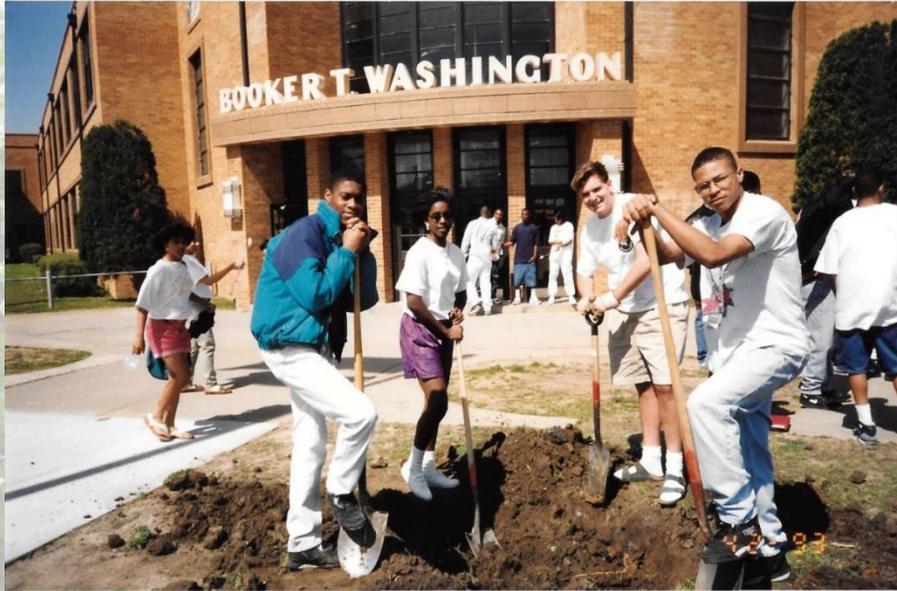
What Do We Do



What Do We Do



What We Do



Why Do We Do It

**To Further Beautify The Greater Tulsa Area By
Planting Trees And to Promote Urban Forestry
Awareness Through Education**



We Left Out A Few Things

- Air Quality
- Water Quality
- Economic Development
- Health Benefits
- Community Building
- Energy Conservation

Partners

- City/County Parks
- Department of Transportation
 - Stormwater
- Development Community
 - Downtown Council
 - Utilities
 - Schools
 - Food Sustainability
 - Air Quality

Why A Master Plan?



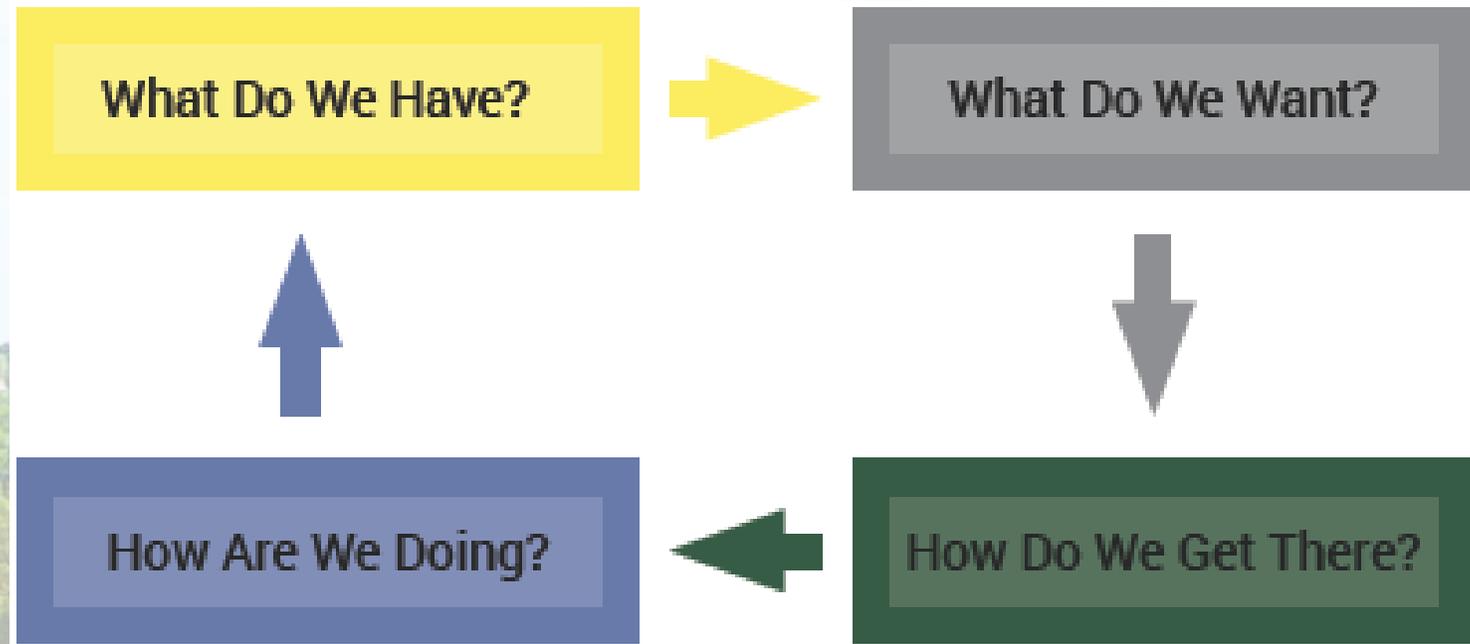
We Can Do Better!



An aerial photograph of a multi-lane highway interchange with several overpasses. The road is surrounded by lush green trees and grass. In the background, a city skyline is visible under a bright, slightly hazy sky. The text is overlaid on the image in a large, bold, black font.

**Greater Efficiency +
Greater Effectiveness
Greater Impact**

Process



What Do We Want?

- Community Engagement
 - Symposium
 - Advisory Council
 - Public Outreach
 - Survey

Survey

TULSA URBAN FOREST MASTER PLAN *Growing Forward*

Tell Us What You Think About Tulsa County's Trees

Name: _____

Phone: _____

Email: _____

Address: _____

1. What is your age?

- Under 18
- 18 - 24
- 25 - 34
- 35 - 50
- 51 - 65
- Over 65

2. What part of Tulsa (Tulsa County) do you live in?

5. Trees provide benefits to an area. Which benefits do you think are most important? (choose top 3)

- Increase Property Values
- Improve Air Quality
- Increase Business Sales
- Provide Shade
- Reduce Utility Bills
- Reduce Stormwater Runoff
- Reduce Crime Rates
- Reduce Instances of Heart & Lung Diseases
- None of the Above

8. As of 2010, Tulsa has a 22% tree canopy coverage on average. Where would you like to see more trees being planted? (choose 1)

- Your Neighborhood
- Main City Streets
- Your Home
- Lining River and Water Sources
- Parks/Cemeteries
- Hillsides
- Schools
- Shopping Centers

What Do We Have?

- Assessments
 - Difficult to Manage What You Don't Know
 - Environmental – iTree ECO
 - Urban Tree Canopy (UTC)
 - Partners' Data

An aerial photograph of a multi-lane highway interchange with several overpasses. The road is surrounded by lush green trees and grass. In the background, a city skyline is visible under a clear blue sky with light clouds. The text is overlaid on the image in a bold, black, sans-serif font.

How Do We Get There?

Connect What We Have to What We Want

Use Data!

Tulsa's Urban Forest Benchmark Values

Urban Forest

Number of All Trees	5.2 Million
Replacement Value of All Trees	\$5.3 Billion
Average Trees Per Acre	41

Most Common Trees

Celtis (Hackberry/Sugarberry)	16%
Ulmus (Elm)	15%
Carya (Hickory)	8%

Tree Canopy Cover

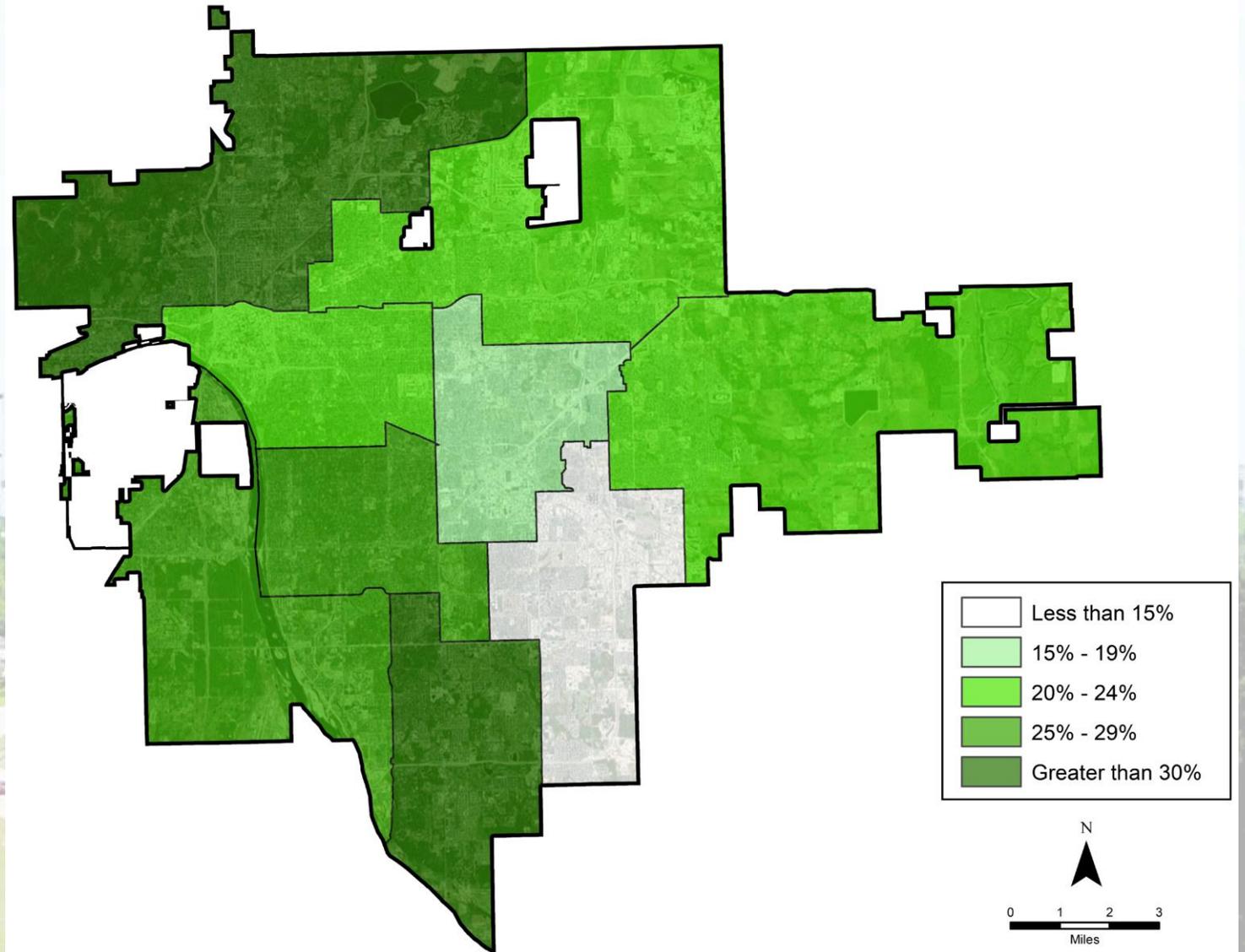
Overall Canopy Cover	26%
Impervious Surfaces	29%
Maximum Urban Tree Canopy	54%

Annual Benefits

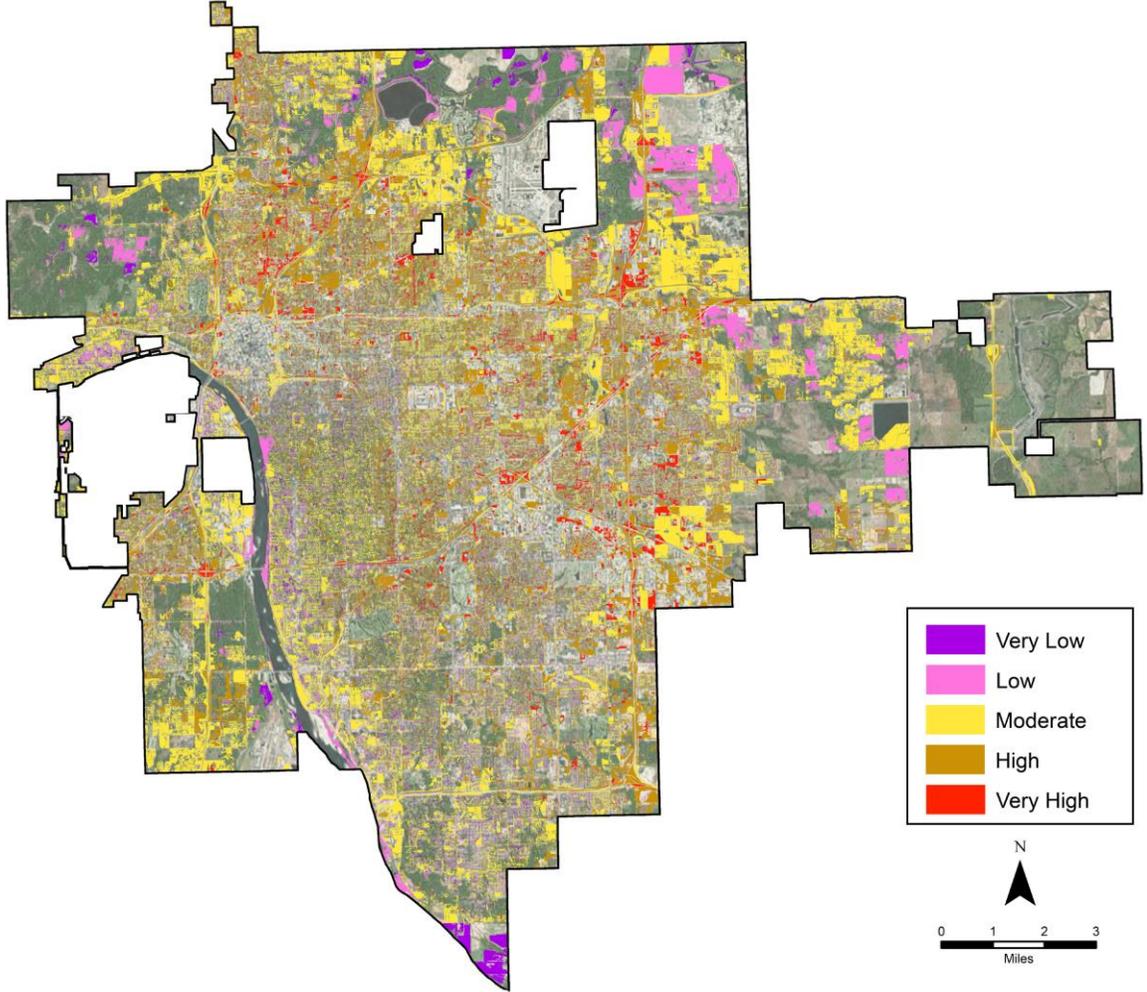
Property Values	\$102.8 Million
Avoided Stormwater Runoff	\$18.4 Million
Carbon Dioxide Reduced	\$6.6 Million
Energy Saved	\$4.3 Million
Air Quality Benefits	\$86,503
Total Annual Benefits	\$132.2 Million

Long-Term Benefits

Stored Carbon	\$153 Million
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Priority Planning Areas



Emerald Ash Borer



What We Learned

- Front End Planning
- Advisory Council
 - Survey
- Communication
 - Roll With It!

Be Ready!



What You Can Do Now

Change How You Talk



What You Can Do Now

Assess What You Can

- iTree Design
- iTree Canopy
- iTree ECO

FREE!!

4142 S Mingo Rd, Tulsa, OK 74146, USA

Start Over
Save Progress
About

Map Satellite

YOUR TREES YOUR STRUCTURES

Broken Arrow Expy

Broken Arrow Expy

Google

Map Data Terms of Use Report a map error

Lat: 36.10385 Bearing: 346 Tree: Crapemyrtle, Common (2) Energy Savings: \$0.00
Lng: -95.87059 Distance: 73.6m (241.5ft) Inches kWh: 0.0 Therm: 0.0

Year 30

What You Can Do Now

- Download iTree
- Use Your Circle
- Reach Out to LA's, Philanthropic, Community Leaders
- Get Plenty of Feedback

A background image showing a multi-lane highway with several cars driving. In the distance, a city skyline with several tall buildings is visible under a clear sky. The foreground is filled with lush green trees and a street lamp.

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