A Report from the Alternative Revenue Work Group August 2014

## Presentation Outline

Revenue Trends
Legislative Agenda
Urban Forest & Emerald Ash Borer

Cost Trends

Special Charge Proposal
How would it work?
What cities are already doing it?
Is it necessary?

# Strict Levy Limits Reduce Revenue Options

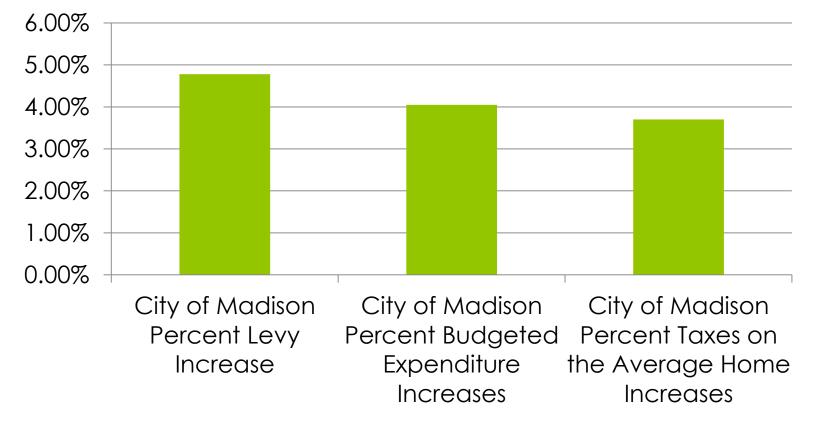
The city should increase its pace of development, within overall quality of life goals and policies,

explore user fees and other non-property tax revenues, scrutinize new positions and programs, use reserves only for

emergencies, find more efficiencies

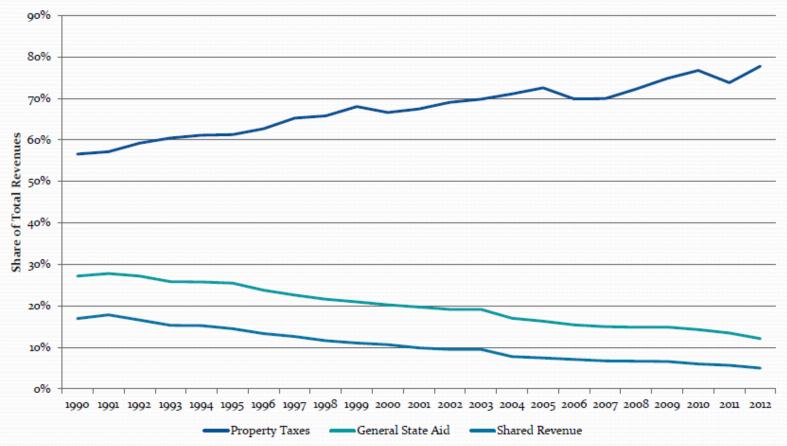
*and limit growth in salary and fringe benefit costs.* Dave Schmiedicke, Finance Director July 2012

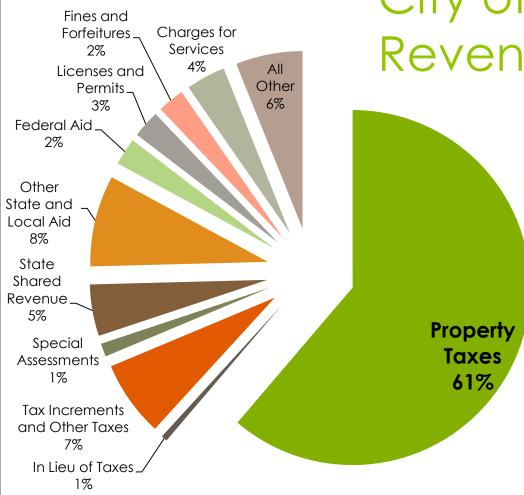
## Historic Spending and Tax Trends City of Madison 15 year averages



### **Madison Relative Share of Revenue**

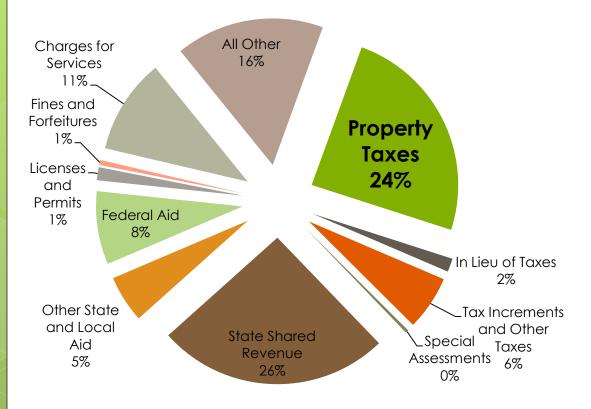
Greater Reliance on Property Taxes as State Aid has Not Kept Pace with Costs





## City of Madison Revenue Sources

## City of Milwaukee Revenue Sources



## Alternative Revenue Legislative Agenda

• State and Federal Aid

- Payments in Lieu of Taxes (PILOTS)
- User Fees
- Regional Solutions
- Value Capture Strategies

## **Urban Forest Services**

Planting Tree Trimming and Maintenance Removals and Stump Grubbing Integrated Pest Management Emerald Ash Borer

Adding Value to Residential Neighborhoods and Businesses

## The Value of the

#### I BAS City of Madison, Wisconsin

Madison's urban forest is made up of all public and maoison's unoun lorest is maoie up or an public and private trees that grow within the city. These trees provide Urban Forest private uses that your minimule city. These tree benefits are the community many benefits, and these tree benefits are Public street trees serve as the basis of Madison's green driven by the amount of canopy cover. ruunc suver wees serve as the basis or mauson's green Infrastructure, they form scenic corridors, and create a nniasiuciure, uney ionii scenii connors, and sense of unity and character throughout the city. Public street tree population total 96,074 trees. Every year public street trees provide benefits equal

Each tree provides \$122 in annual benefits. to \$11,735,065. For every \$1 spent on trees the city receives \$3.35

of benefits in return.

Public Street Tree Benefits Madison's public street trees provide shade and beauty nausons puole sizes area hower since and earny that contribute to the community's quality of life. They soften

park cont redu

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Trees reduce stormwater runoff by capturing and trees reduce stormwater ruttotr by capitality and storing rainfail in their canopy and releasing water into scoting ramain in their carlopy and releasing water into the atmosphere. Tree roots and leaf litter create soil une aumosphere. Tree roots and rear meet create son conditions that promote the infiltration of rainwater into

Trees help slow down and temporarily store runoff and whic i rees new serve users and remporance server and other reduce pollutants by taking up nutrients and other shall pollutants from solls and water through their roots. resit wave and area and the set of the Mac ann

Madison's street trees intercept 115,378,156 gallons reauson a succe uses mercen 113,179,130 gaints of raintal every year worth \$3,126,965. Intercepted

rainfall helps to keep Madison's lakes clean. Intercepted stormwater can fill 17 Olympic-sized

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Trees reduce energy usage by lowering local air ires resure energy usage by wrenny when an temperatures when they transpire water and shade remperatures when uney namewire water and snaue surfaces. Urban trees shade buildings in the summer Madison's street trees provide energy savings worth and block winter winds. The net cooling effect of a healthy tree is equivalent the first country effect of a freakly tree to equivalent to 10 room-size air conditioners operating 20 hours a \$3,766,538 every year. day. Trees placed properly around buildings as windbreaks can save up to 25 percent on winter

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🍪 Carbon Dioxide and Air Quality

Trees improve air quality. During photosynthesis,

pollutant gases on their leaf surfaces. Madison's street trees remove 175,136 pounds of

pollutants every year worth \$492,489.

trees enjoyee an young, owers prices to form

area remove and more an are used in plant structurel

function and return oxygen back to the atmosphere

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as a uy-product. Trees, merenore, and as a variant sink. Urban forests cleanse the air by intercepting

sink. Utuan intesis cleanse are all uy anencepany and slowing particulate materials and by absorbing

pounds of carbon every year worth \$399,384.

Trees act as natural pollution filters;

n Forest

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Aesthetics and Other Benefits In addition to increasing property values, research have the trees can lead to reduced crime rates, decreased amounts of human stress, and ianes, vecteased announs or norman series, and shorter lengths of hospital stays. Tree-lined streets strotier iengins איז יוט איזערטין גע איז איזערטין איז איזערטיט איז איזערטיט איז איזערטיט איזערטיט איזערטיט איז איזער איז and make our aners and to stress drivers feel which speeus anu ure annum ur suess unvers reen vinut. likelv reduces road rage. Trees are important for wildlife as well. In Madison trees provide nesting mullio as meit. III mausuri uces province incentis sites for birds and support a wide range of insects which are important food sources for birds and

Madison's street trees provide \$3,949,689 every other wildlife. year in aesthetic and other benefits.

Landscaping, especially with trees, can increase property values as much as 20 percent.

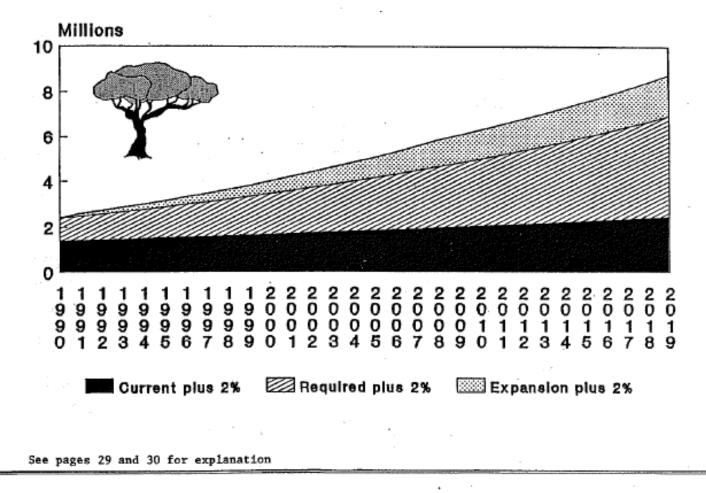
Madison's street trees sequester 30,819,750 one tree can absorb carbon dioxide at a rate of 48

## Urban Forestry Responsibilities

have increased since 1976 though staff and budget have not kept pace

	Square Miles of Area	Miles of City Streets	Perm. Employees	Seasonal Employees
1976	52	525	38	4
1991	62	592	29	4
2014	77	796	31	4

#### Street Tree Maintenance Cost Funding levels



# Increasing costs from EAB, storms and more

- 2013 forestry expenses totaled approximately \$3.6 million (including costs incurred by other agencies such as Streets)
- All forestry operations including a full EAB response could be approximately \$5.9 million or an increase of 40%
- Frequent storm damage also increases pruning and maintenance costs



Urban Forest Special Charge

> A special charge to protect and maintain the urban forest

## How would it work?

- Common Council would consider and potentially adopt the fee.
- The Common Council would determine the exact budget and apportionment.
- A Special Revenue Fund would be established.
- The special charge would be collected and utilized only for urban forestry services.

# How could the charge be apportioned?

Value	Per	\$
8,067,840	Cost per linear road frontage (764 mi)	\$ 0.73
	Cost per 60 feet of frontage	\$ 43.89
96,074	Cost per street tree (96,074)	\$61.43
240,323	Cost per resident (240,323)	\$ 24.56
73,793	Cost per parcel (73,793)	\$ 79.97
66,000	Cost per utility bill (66,000)	\$ 89.42

### How could it impact the average homeowner? Road frontage Utility bill apportionment apportionment

The average Madison home has 72 feet of frontage. The average residential property would be charged \$52.56 to support the 2015 urban forestry program.

#### There are 66,000 outgoing utility bills each year in Madison. If the urban forestry budget were apportioned based on utility bills, the special charge would be \$89.42.

## Who is already doing it?

- Toledo charges residents \$0.52 per linear foot to support trees in parks, streets, public buildings and boulevards.
- Cincinnati charges \$0.18 per linear foot and has increased the fee temporarily for storm response.

## Why do we need it?

- To meet growing budget needs of urban forestry program
- To protect trees and the urban forest investment
- To provide top quality customer service and keep forests healthy
- To protect against the extraordinary events like EAB and storms which undermine the forestry program

"Madison's "street trees" are a valuable part of this city's infrastructure. Their value goes beyond enhancement of our urban landscape. They are globally, environmentally, ecologically and economically *important to all of us. ...Our street trees are a very* integral part of what makes Madison uniquely Madison" Daniel R. Stapay, Parks Superintendent, March 1992