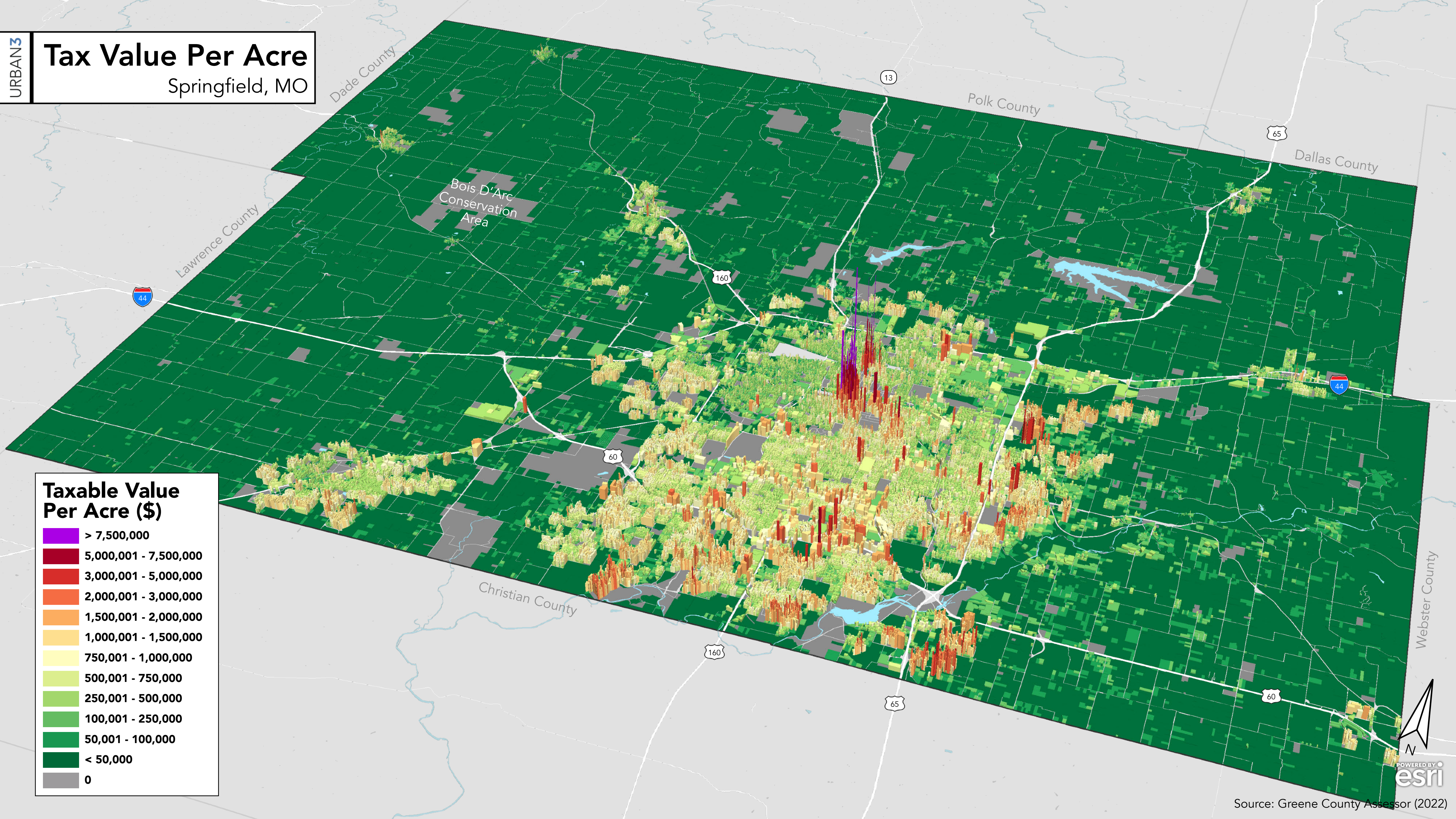


Tax Value Per Acre

Springfield, MO



Taxable Value Per Acre (\$)

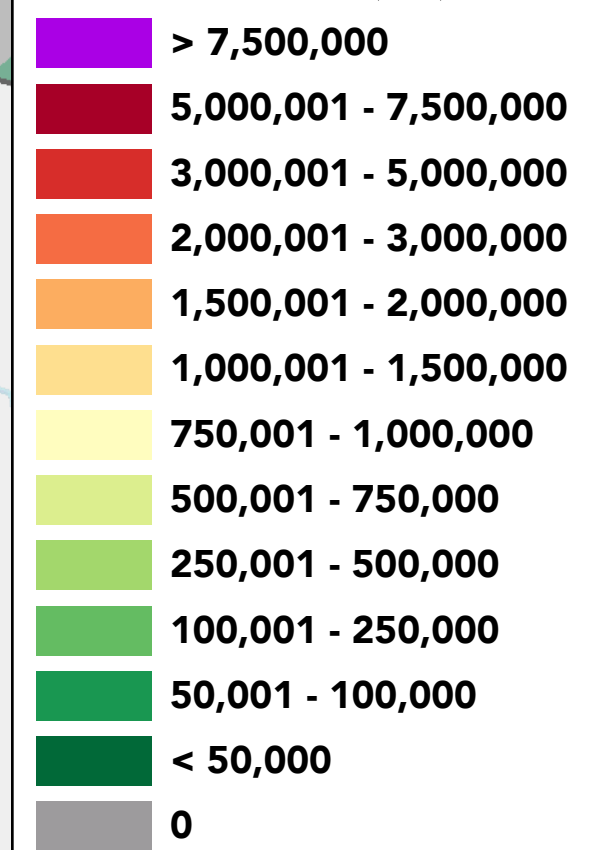
Purple	> 7,500,000
Dark Red	5,000,001 - 7,500,000
Red	3,000,001 - 5,000,000
Orange-Red	2,000,001 - 3,000,000
Orange	1,500,001 - 2,000,000
Light Orange	1,000,001 - 1,500,000
Yellow	750,001 - 1,000,000
Light Green	500,001 - 750,000
Medium Green	250,001 - 500,000
Dark Green	100,001 - 250,000
Green	50,001 - 100,000
Dark Green	< 50,000
Grey	0

Tax Value Per Acre

Springfield, MO



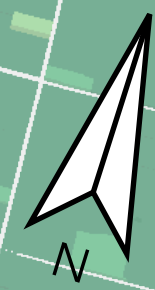
Taxable Value Per Acre (\$)



160

Christian County

60



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esri

Residential Properties: Comparison of Average Value Per Acre

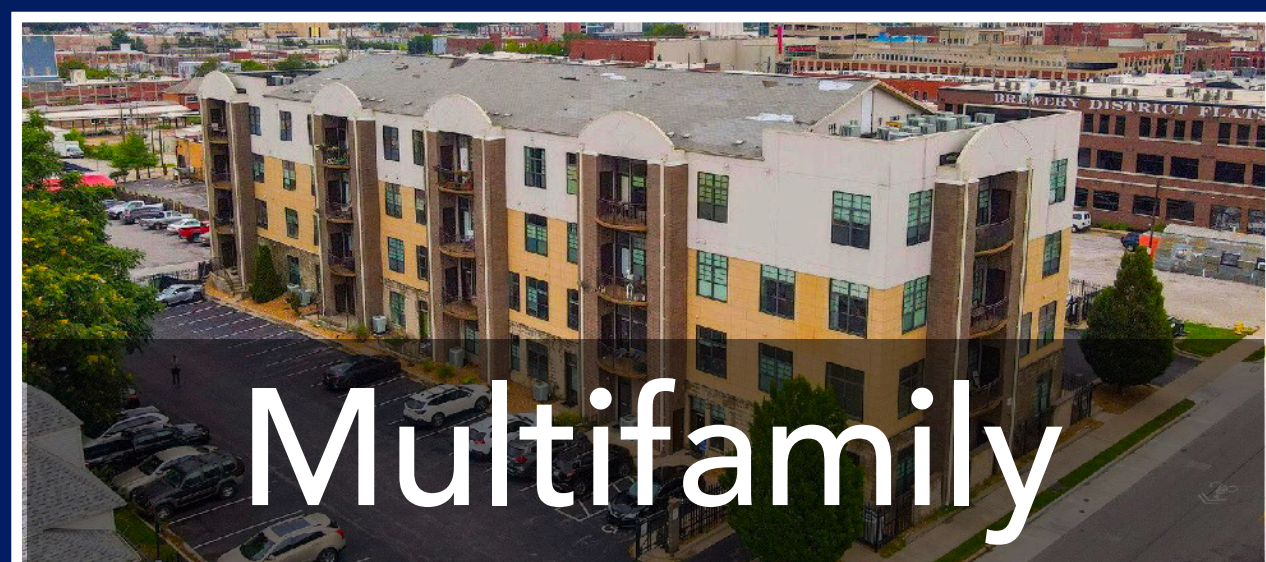
Springfield, MO



\$384K/acre



\$2.3M/acre



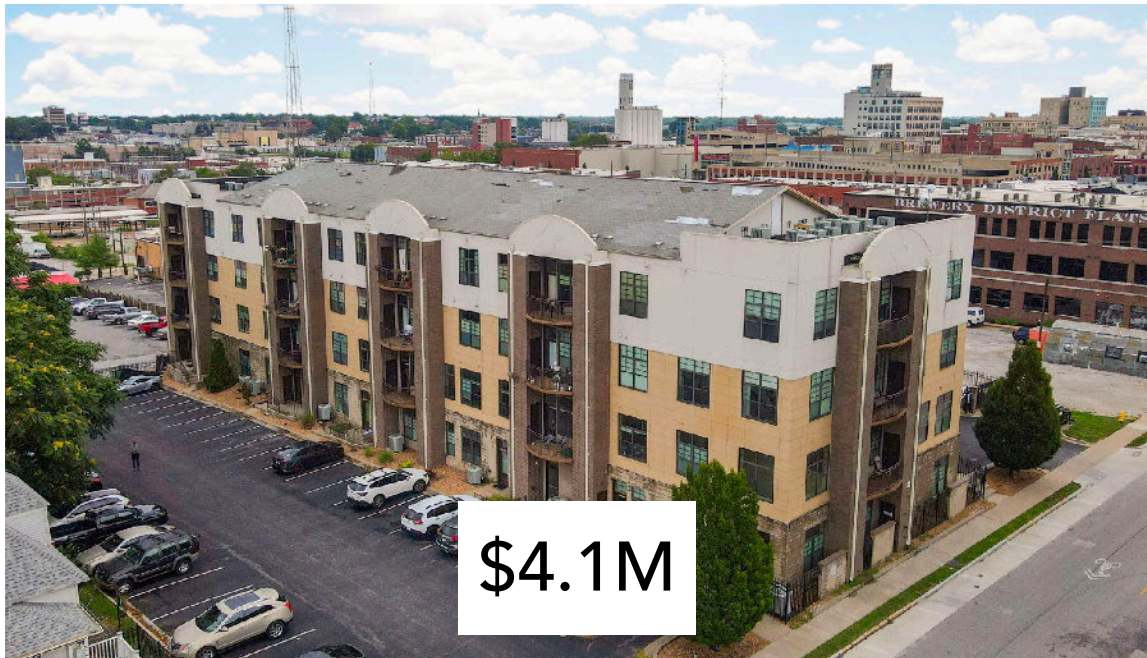
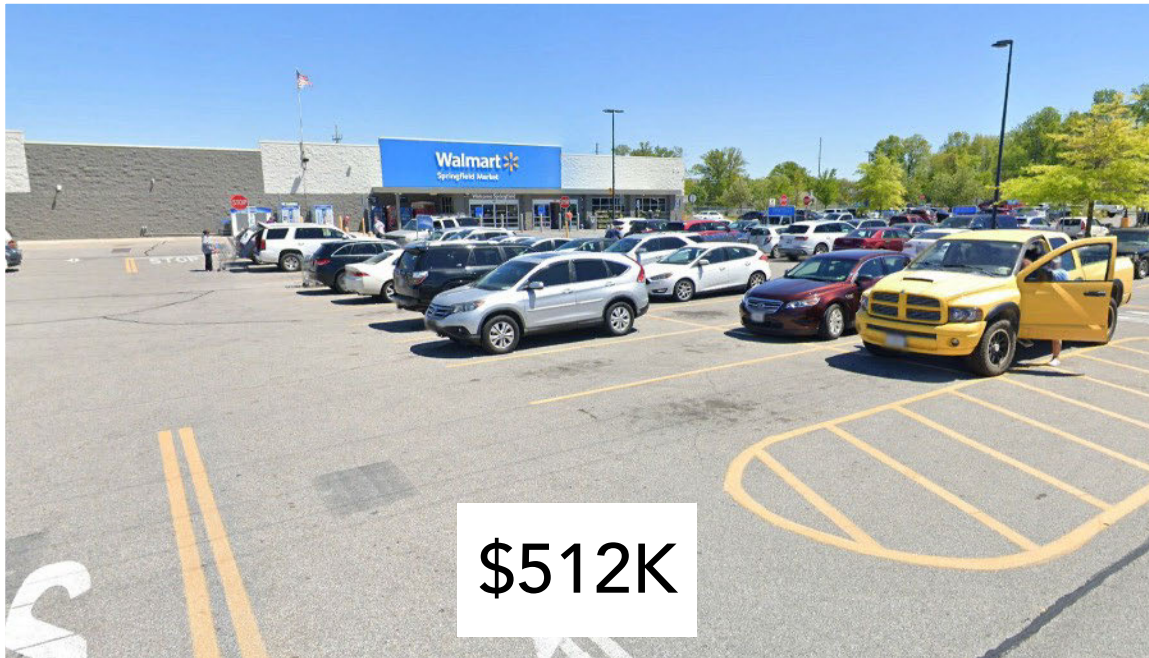

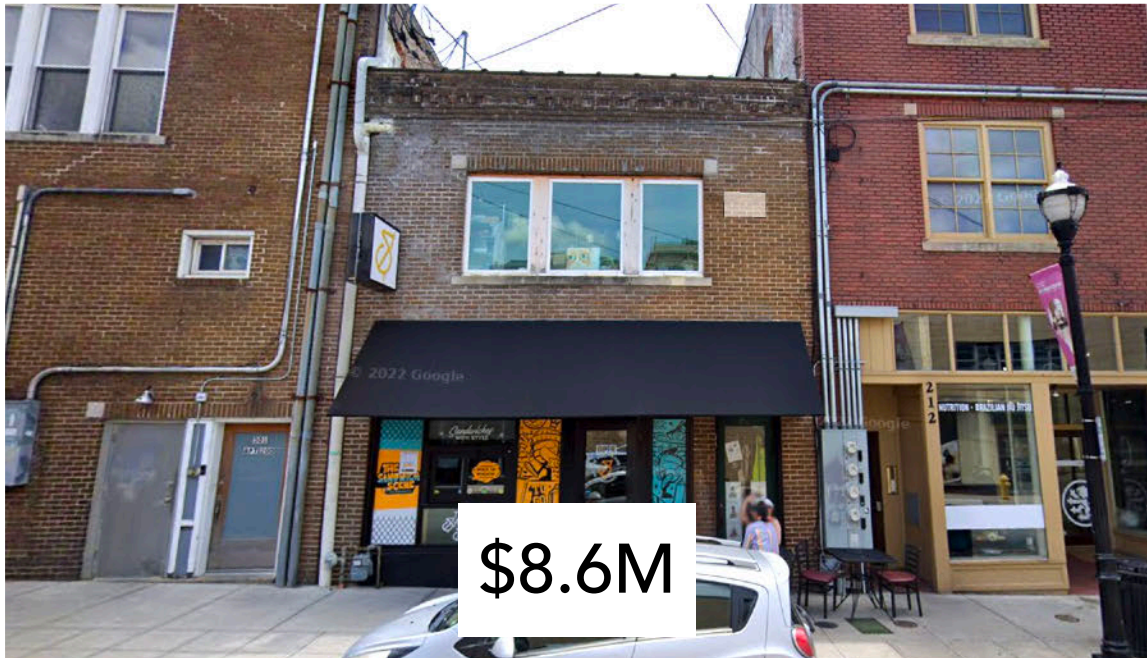
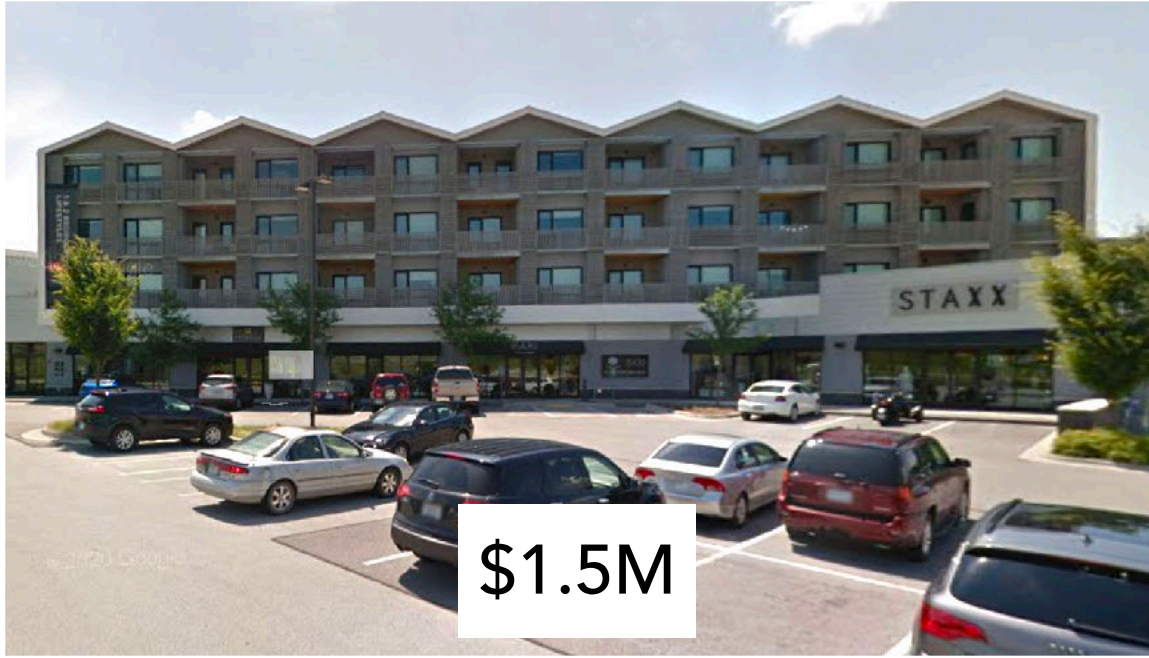




\$737K/acre

Walmart Average
\$512K per acre

Property Tax Revenue Per Acre by Building Type

Springfield, MO

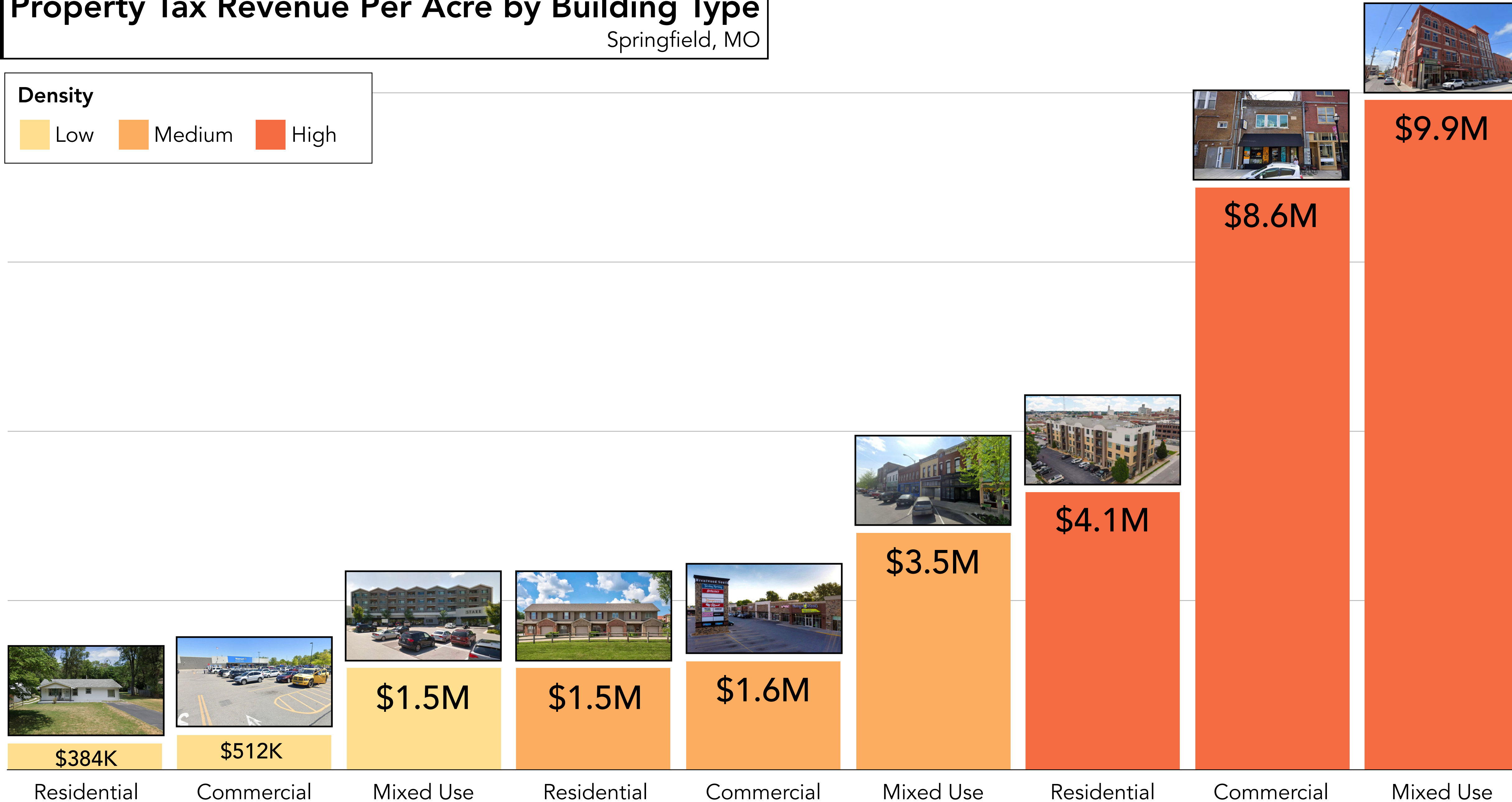
	LOW DENSITY	MEDIUM DENSITY	HIGH DENSITY
RESIDENTIAL	 <p>\$384K</p>	 <p>\$1.5M</p>	 <p>\$4.1M</p>
COMMERCIAL	 <p>\$512K</p>	 <p>\$1.6M</p>	 <p>\$8.6M</p>
MIXED USE	 <p>\$1.5M</p>	 <p>\$3.5M</p>	 <p>\$9.9M</p>

Property Tax Revenue Per Acre by Building Type

Springfield, MO

Density

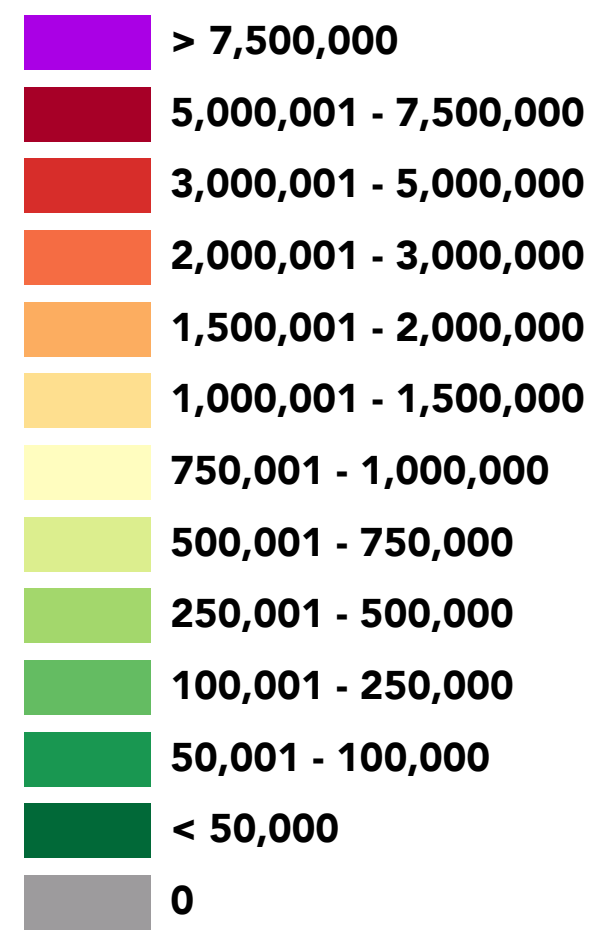
Low
 Medium
 High



Tax Value Per Acre

Springfield, MO

Taxable Value Per Acre (\$)



Grid
Residential

Grid
Non-Residential

Campus
Grid Context

District

Transition
Non-Residential

Transition
Residential

Suburb
Residential

Campus
Suburban Context

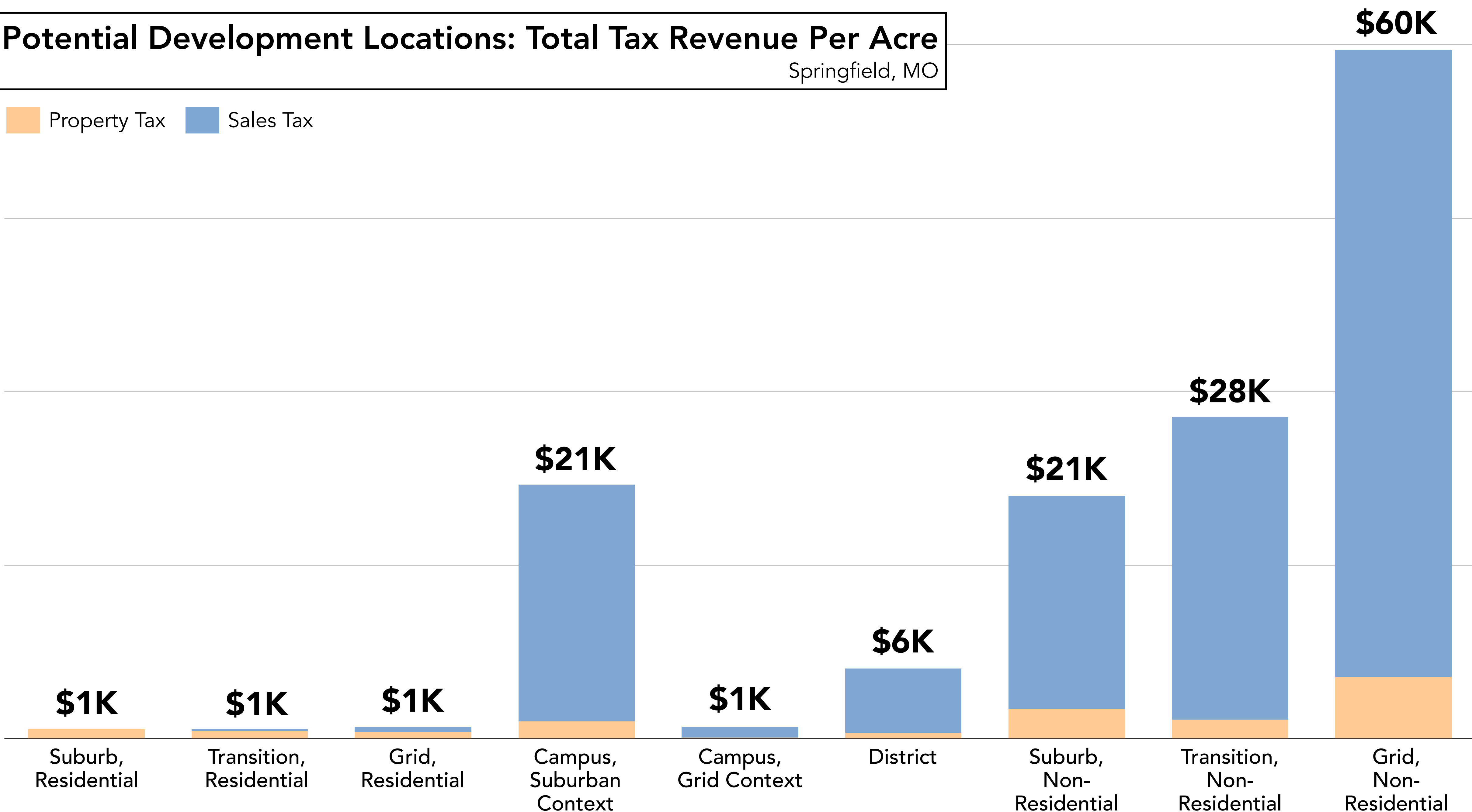
Suburb
Non-Residential



Potential Development Locations: Total Tax Revenue Per Acre

Springfield, MO

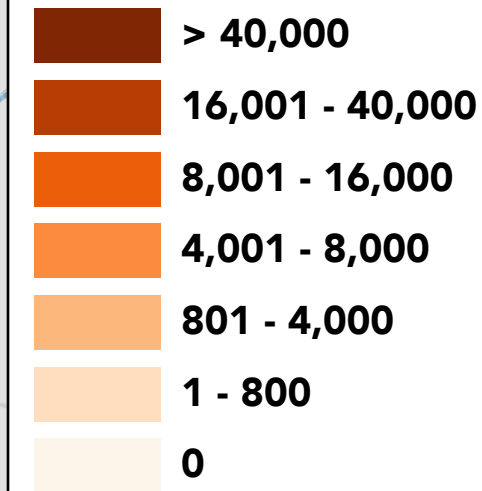
Property Tax Sales Tax



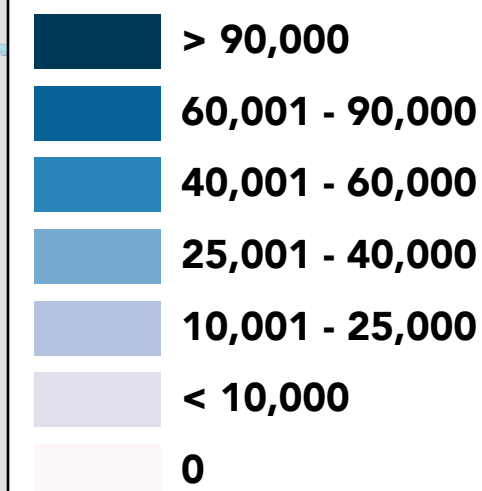
Tax Value Per Acre

Springfield, MO

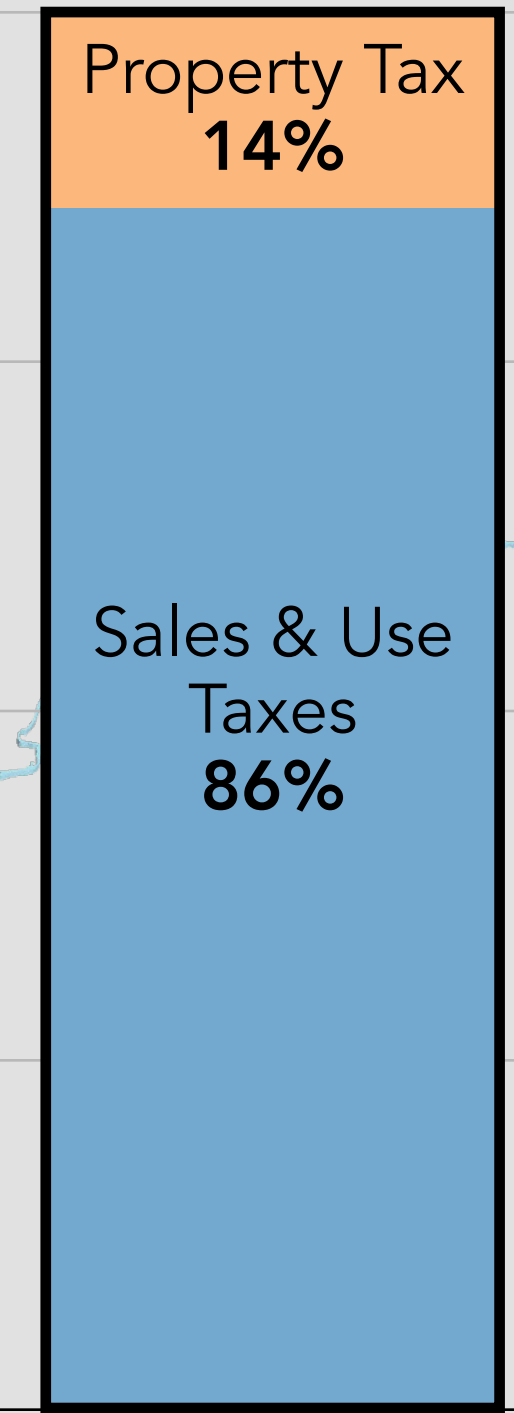
Property Tax Revenue Per Acre (\$)



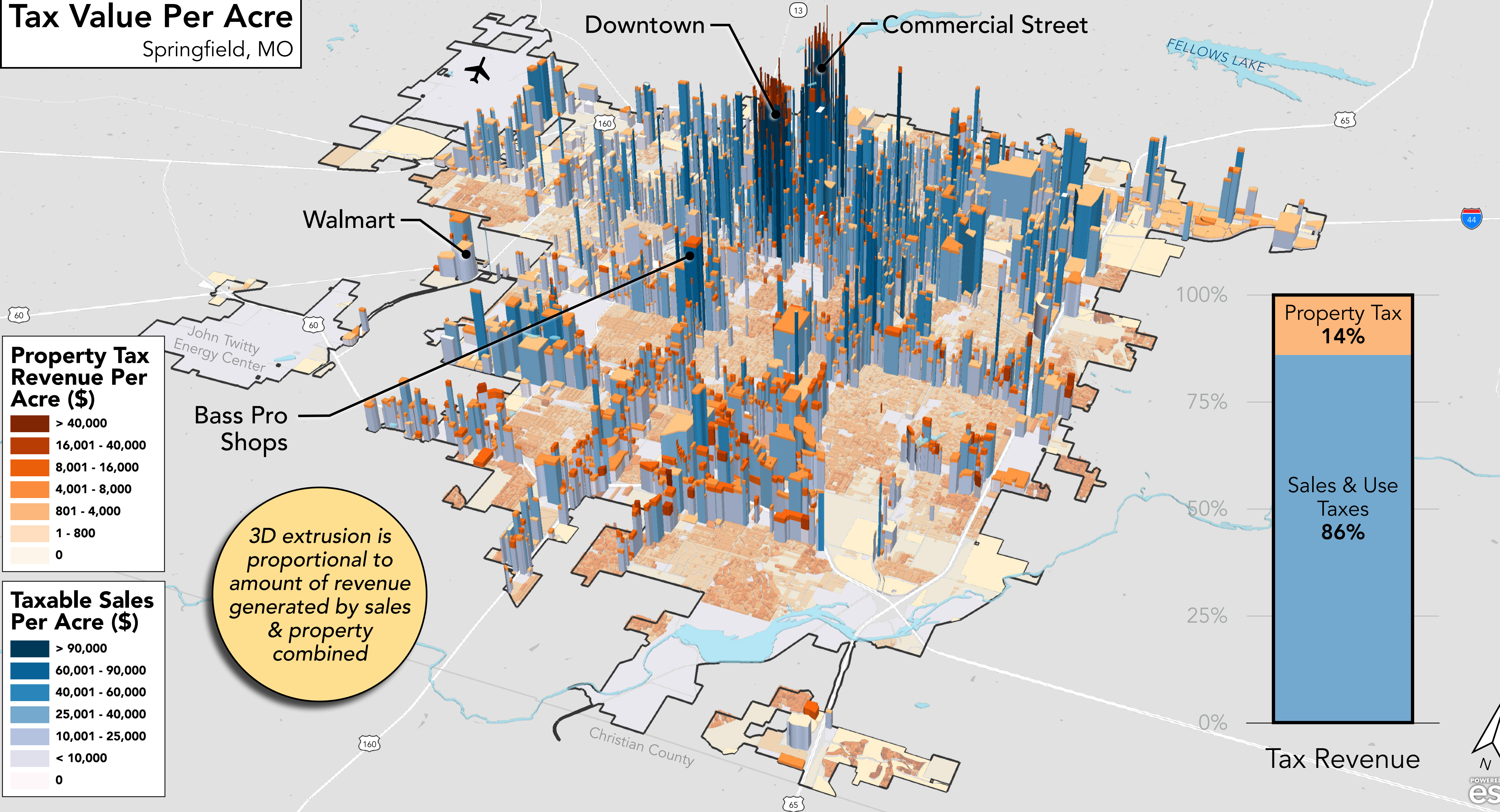
Taxable Sales Per Acre (\$)



3D extrusion is proportional to amount of revenue generated by sales & property combined



Tax Revenue



*Estimated sales tax revenue based on Missouri Dept of Revenue Public Sales Reports

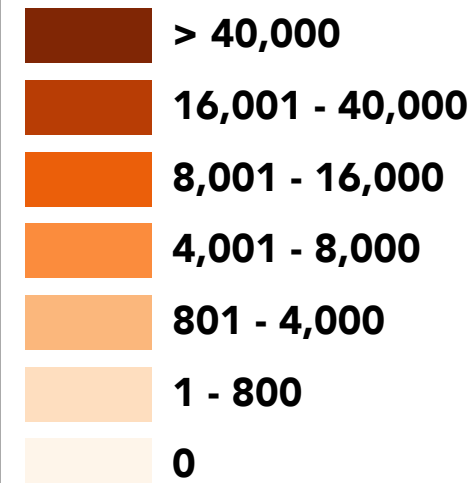
Source: Greene County Assessor (2022)

Tax Value Per Acre

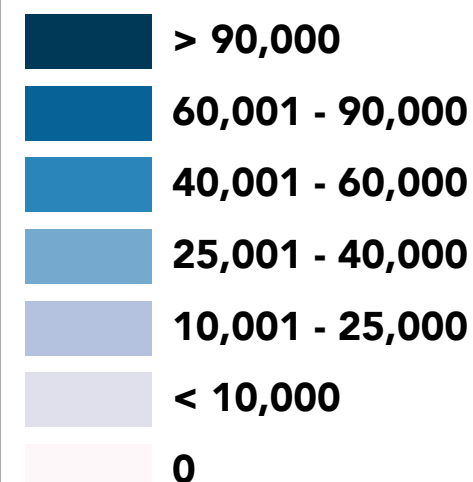
Springfield, MO



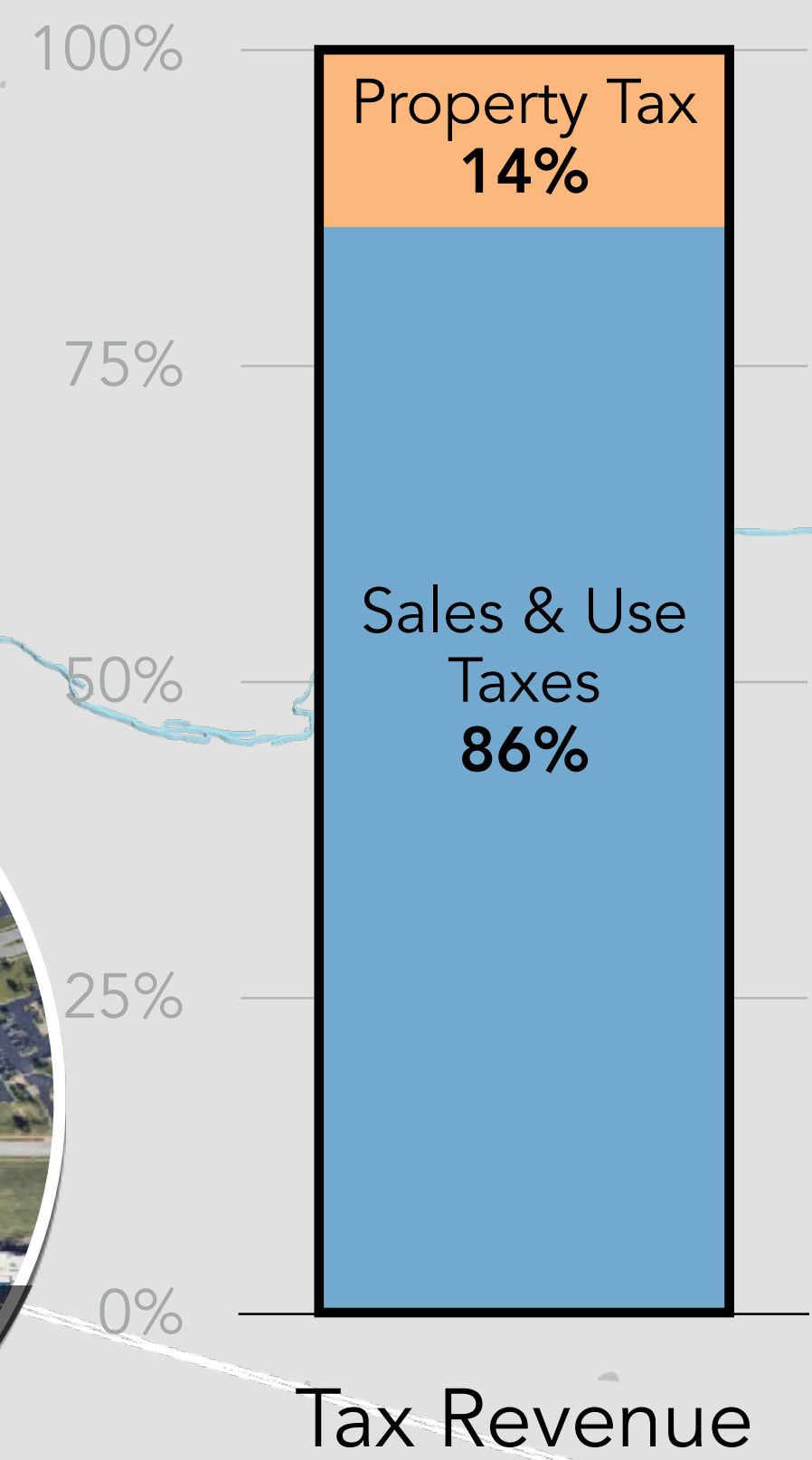
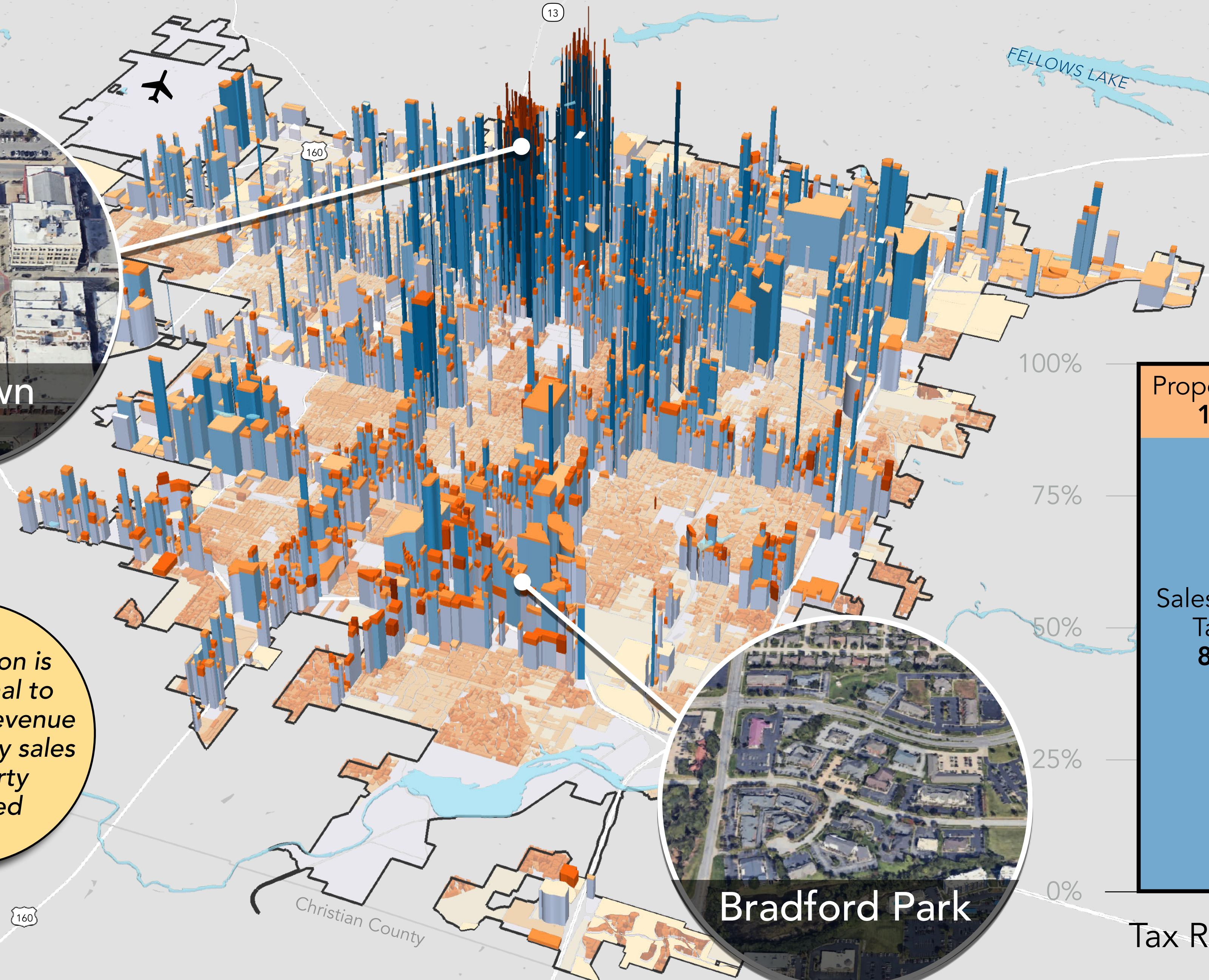
Property Tax Revenue Per Acre (\$)



Taxable Sales Per Acre (\$)



3D extrusion is proportional to amount of revenue generated by sales & property combined



*Estimated sales tax revenue based on Missouri Dept of Revenue Public Sales Reports

Source: Greene County Assessor (2022)



Pipe Length

Springfield, MO

Total Pipe Length:

3,000 miles

Chicago, IL

Los Angeles, CA

Kingman, AZ

Seligman, AZ

Oklahoma City, OK

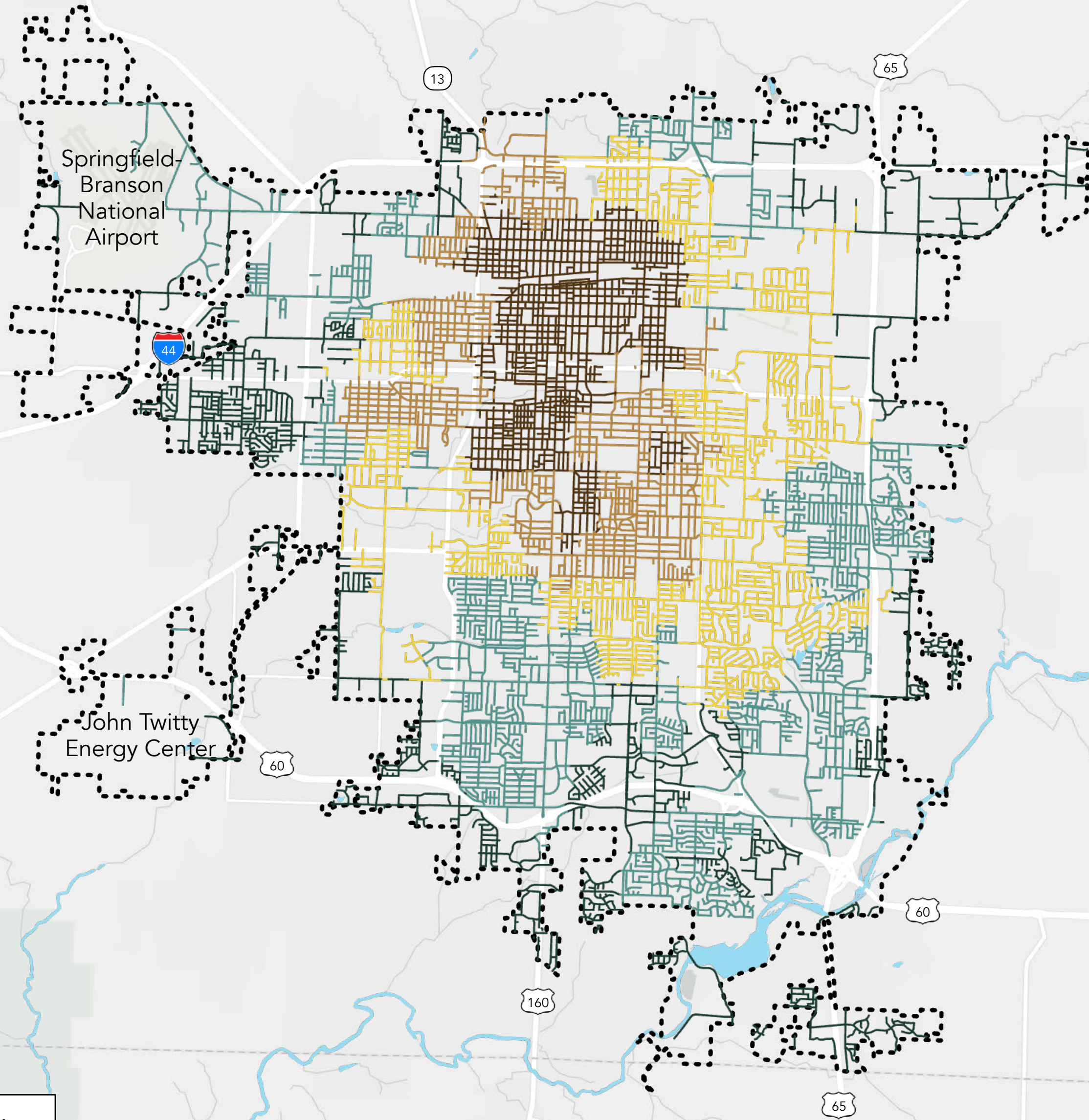
Springfield

- Route 66
- Stormwater Pipe
- Water Pipe
- Sewer Pipe



Town Growth: 1890-Today

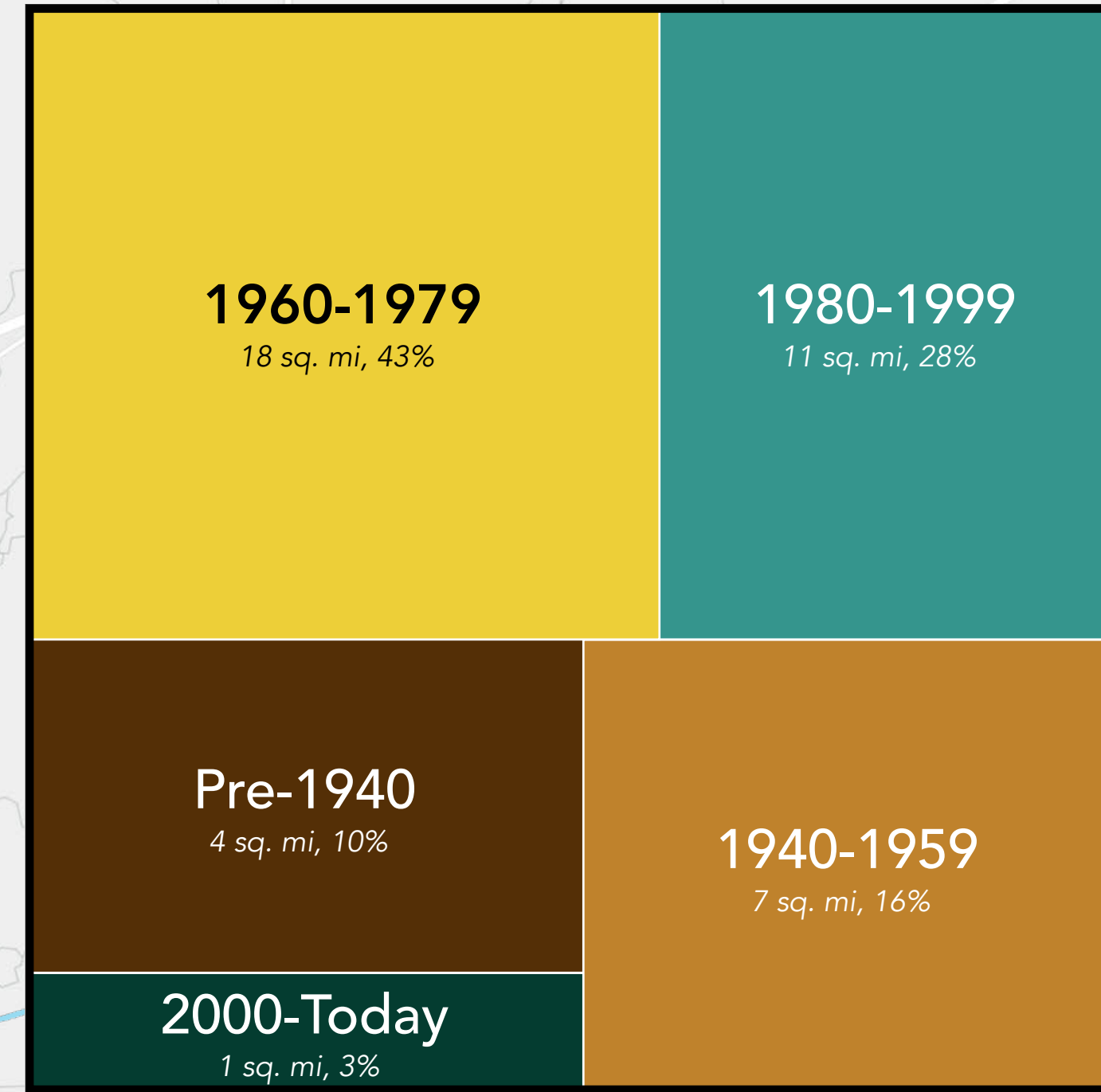
Springfield, MO



Present Day City Limits

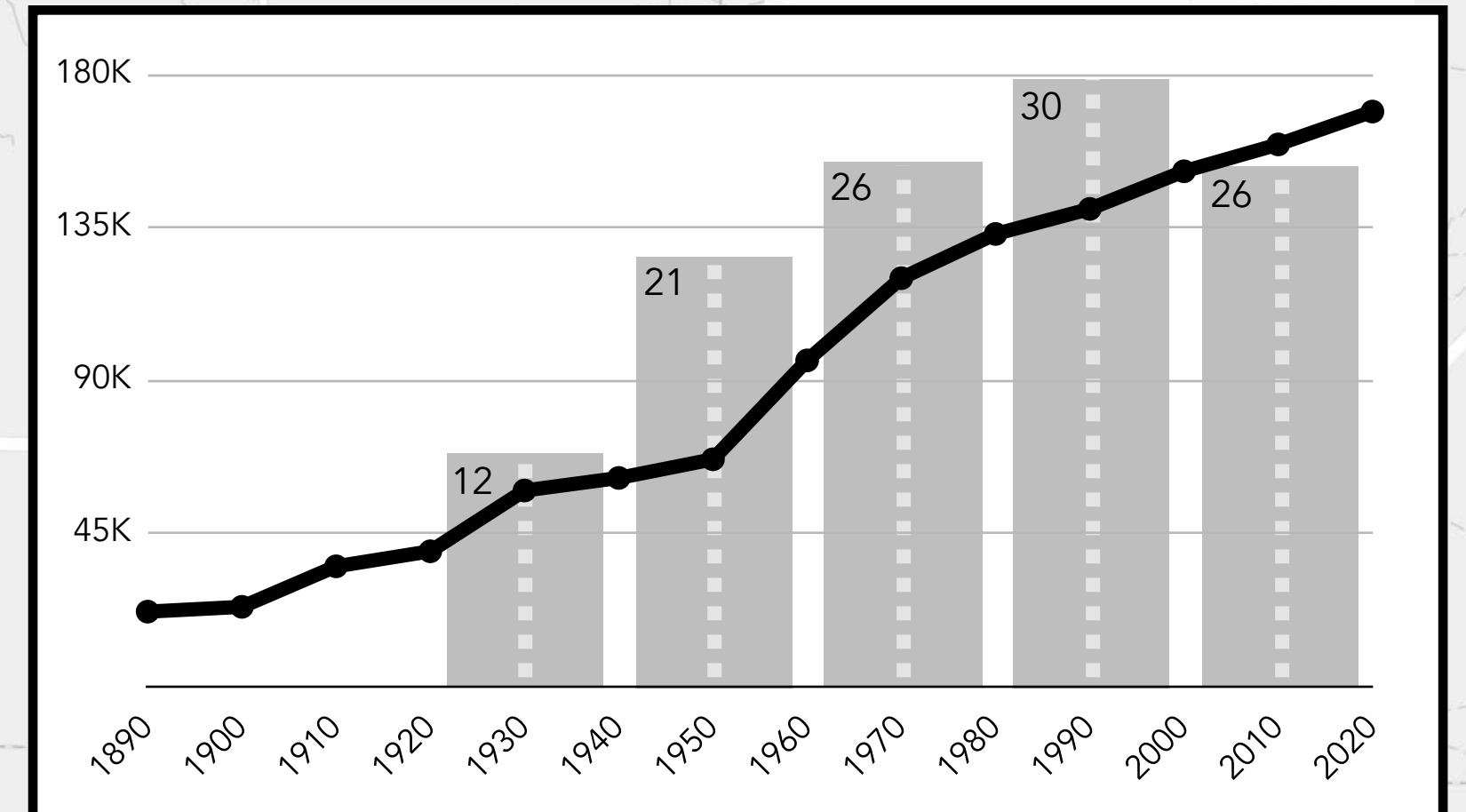
Area

84 sq. mi



Population

Feet of Road Per Person

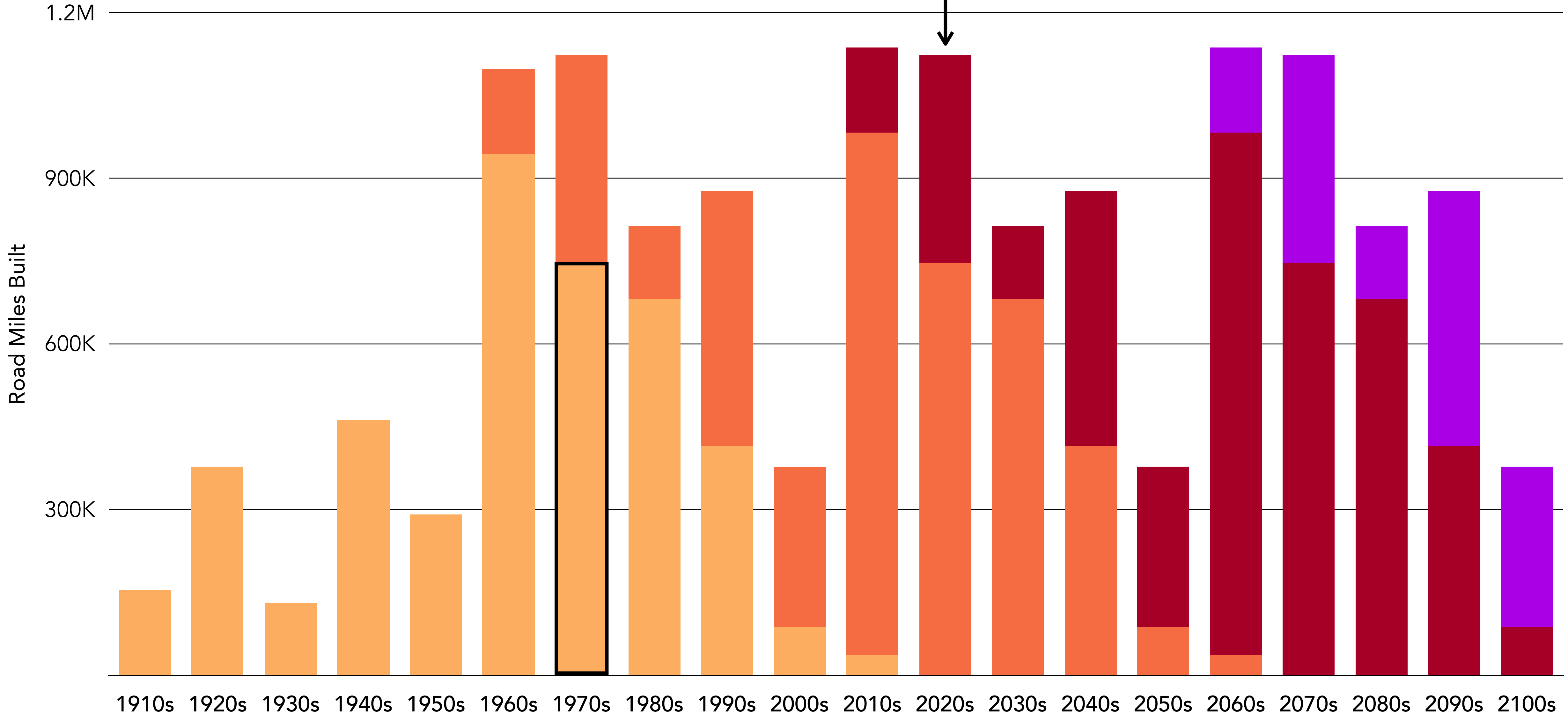


Road Maintenance Load and Rebuild Schedule*

Springfield, MO

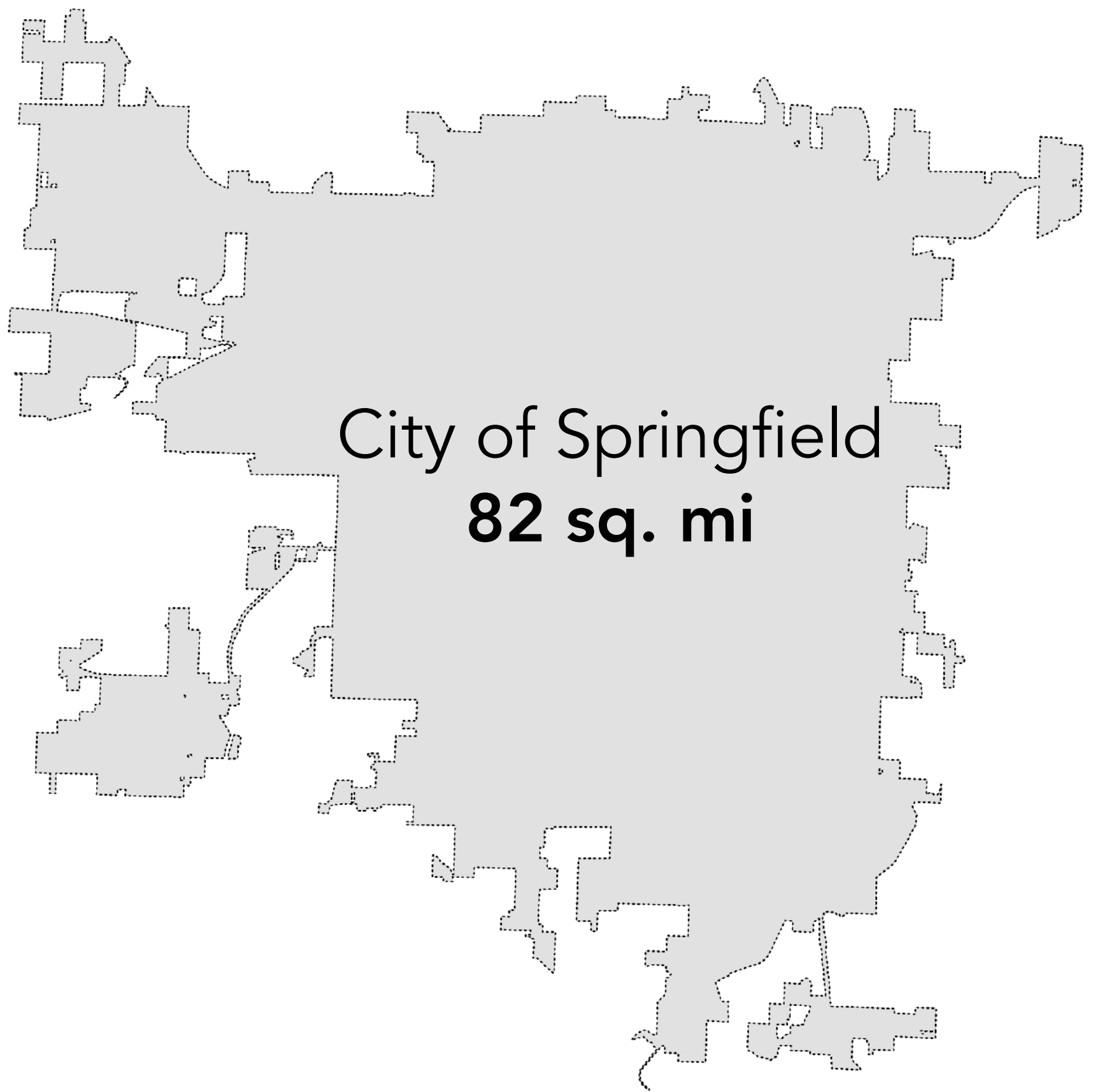
Initial Build Rebuild 1 Rebuild 2 Rebuild 3

You are here

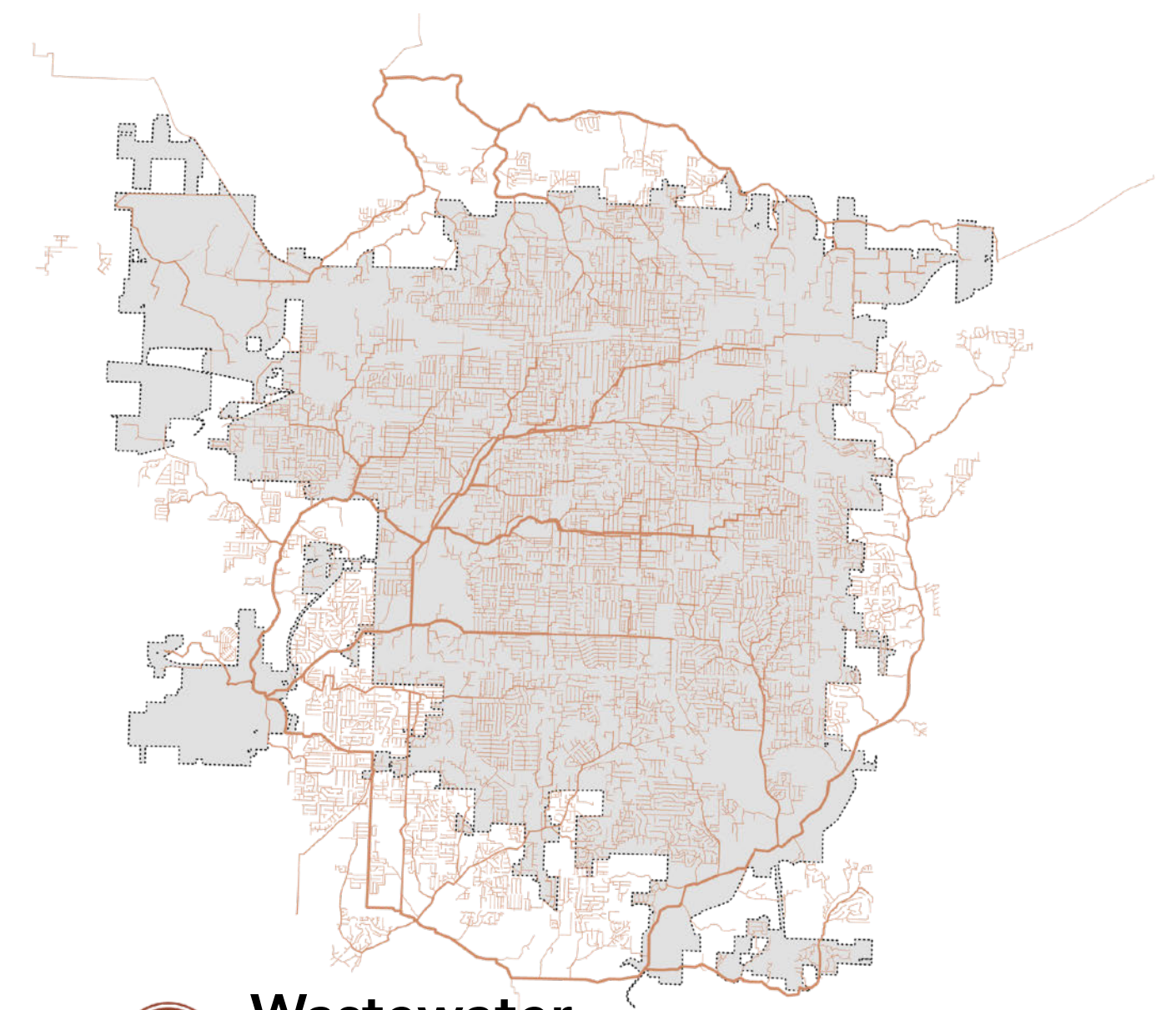


*Conceptualized chart

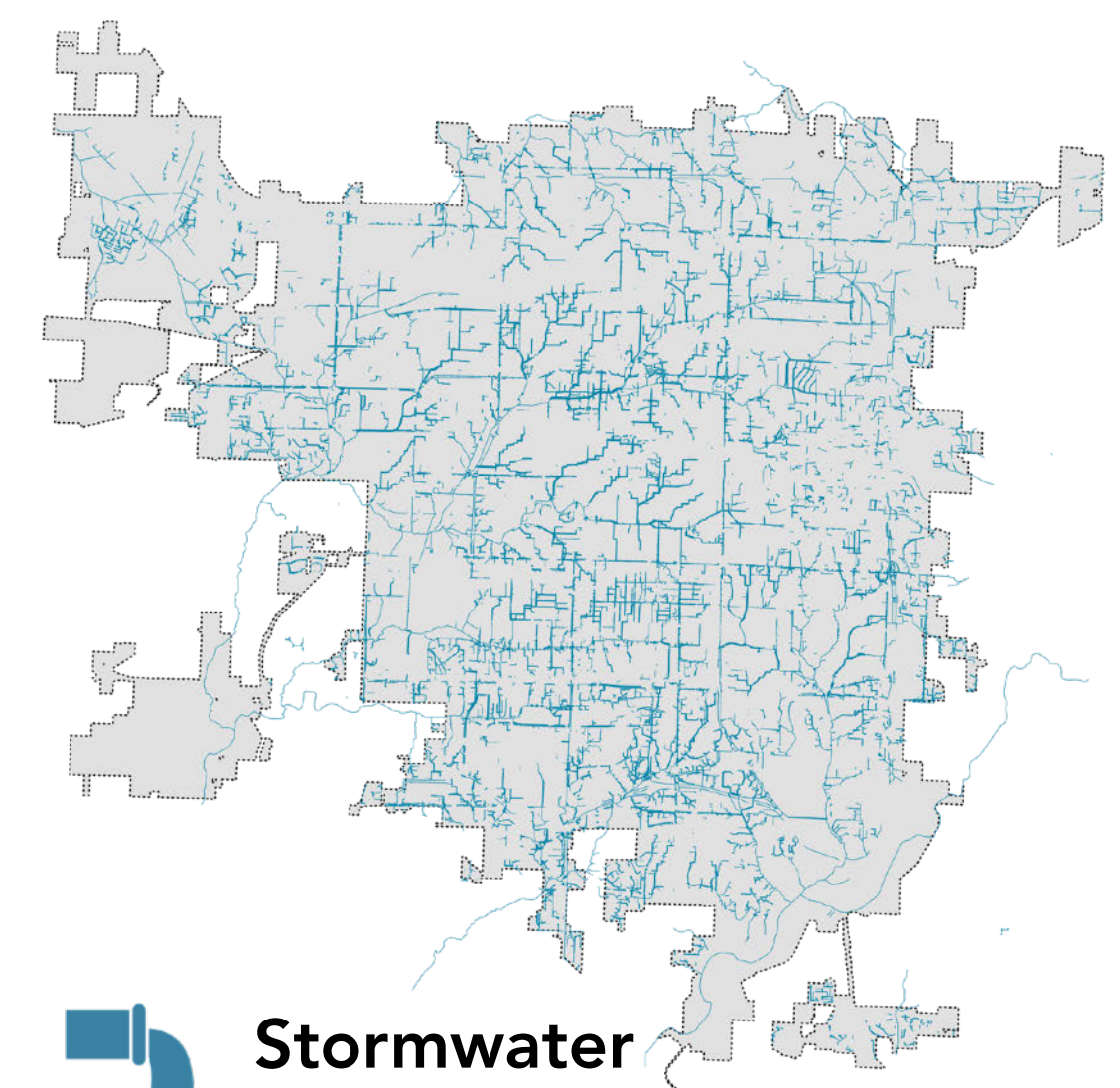
Source: City of Springfield, MO FY 2023-2024 Adopted Budget, Springfield GIS




 **Roads**
1,900 miles



 **Wastewater**
1,300 miles

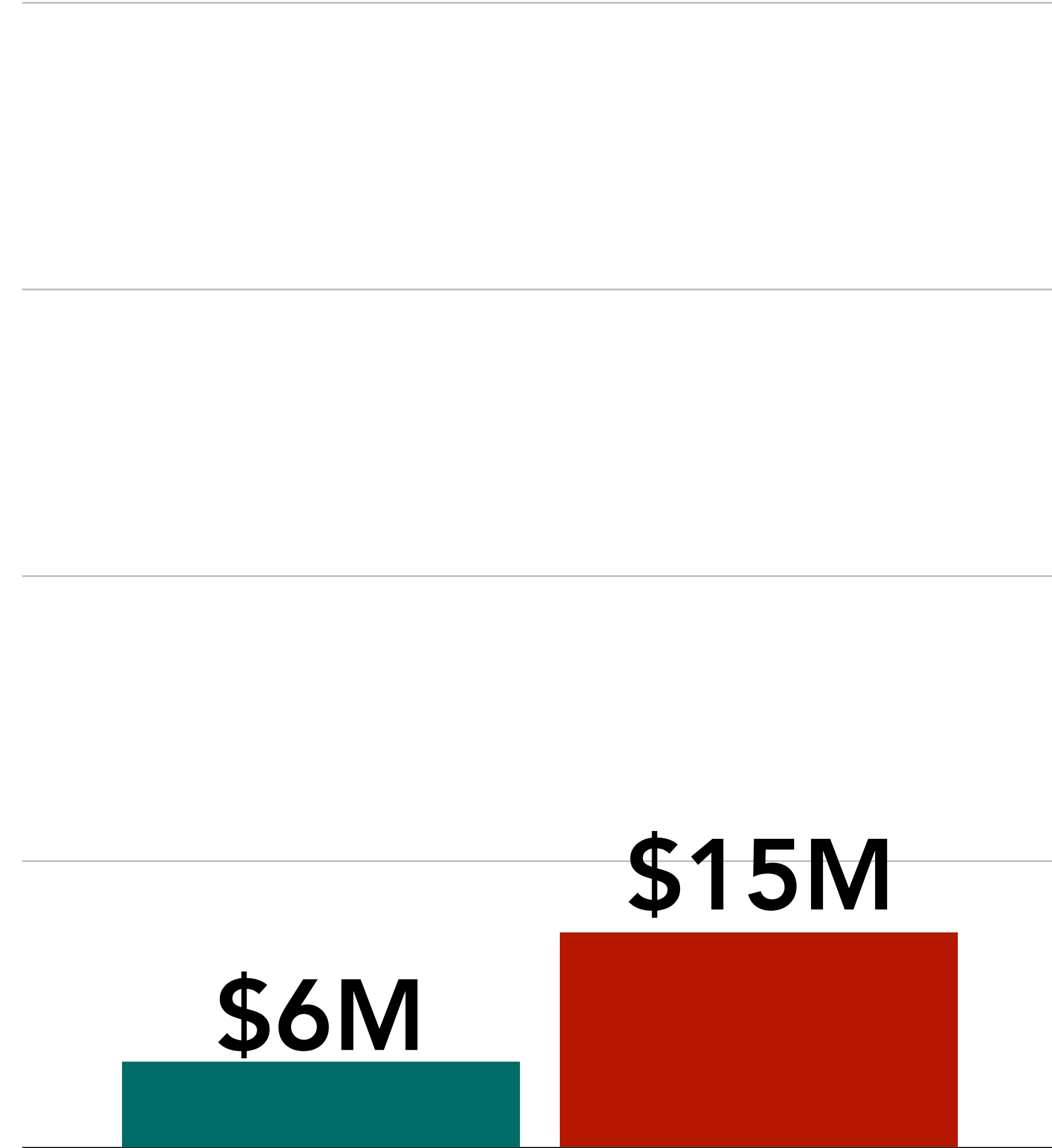
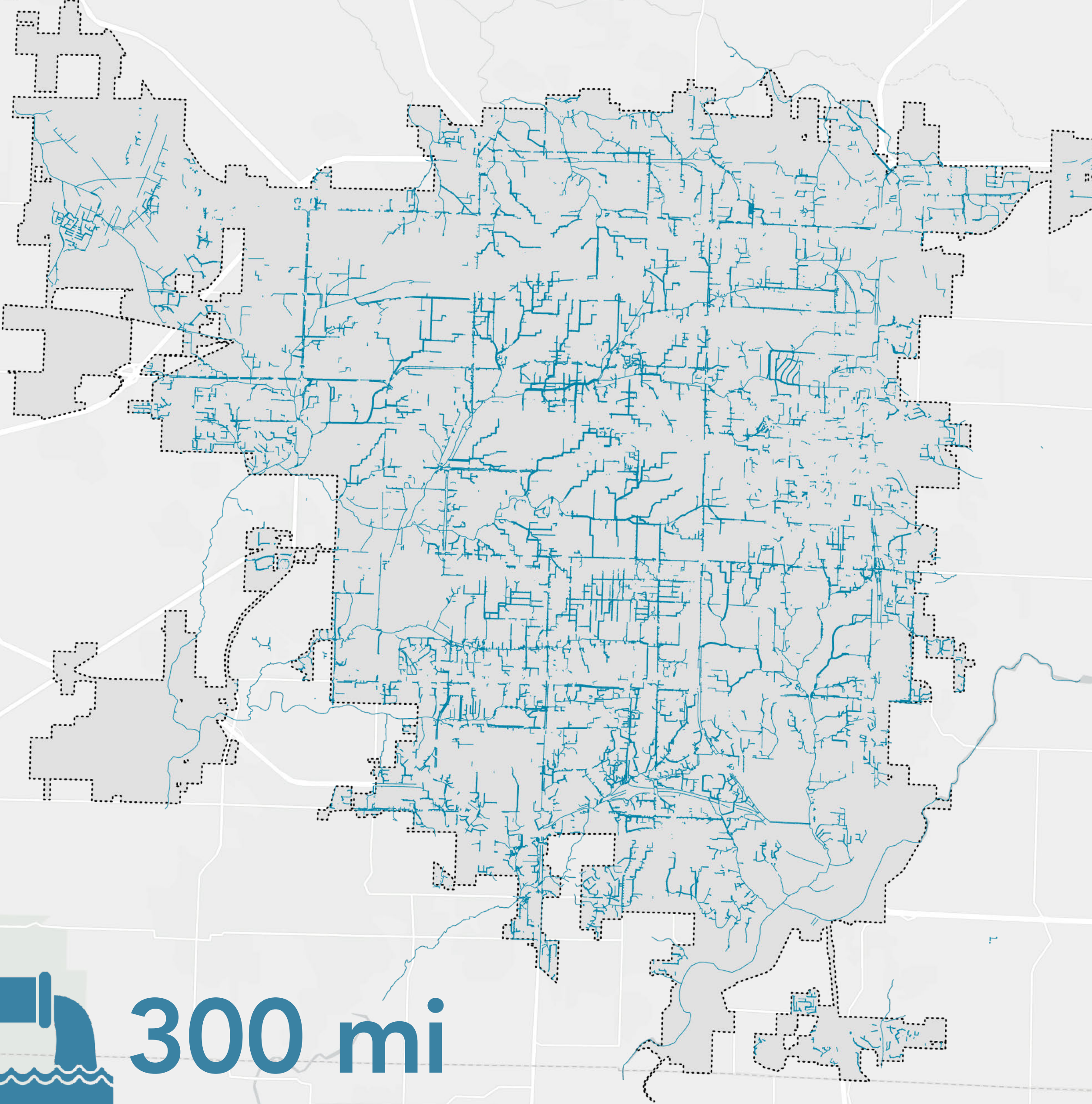


 **Stormwater**
300 miles

Annual Costs: Stormwater

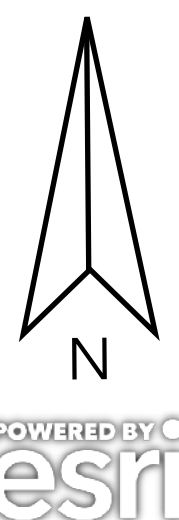
Springfield, MO

URBAN3



Current Spending

Needed Spending
(Lifecycle Costs)

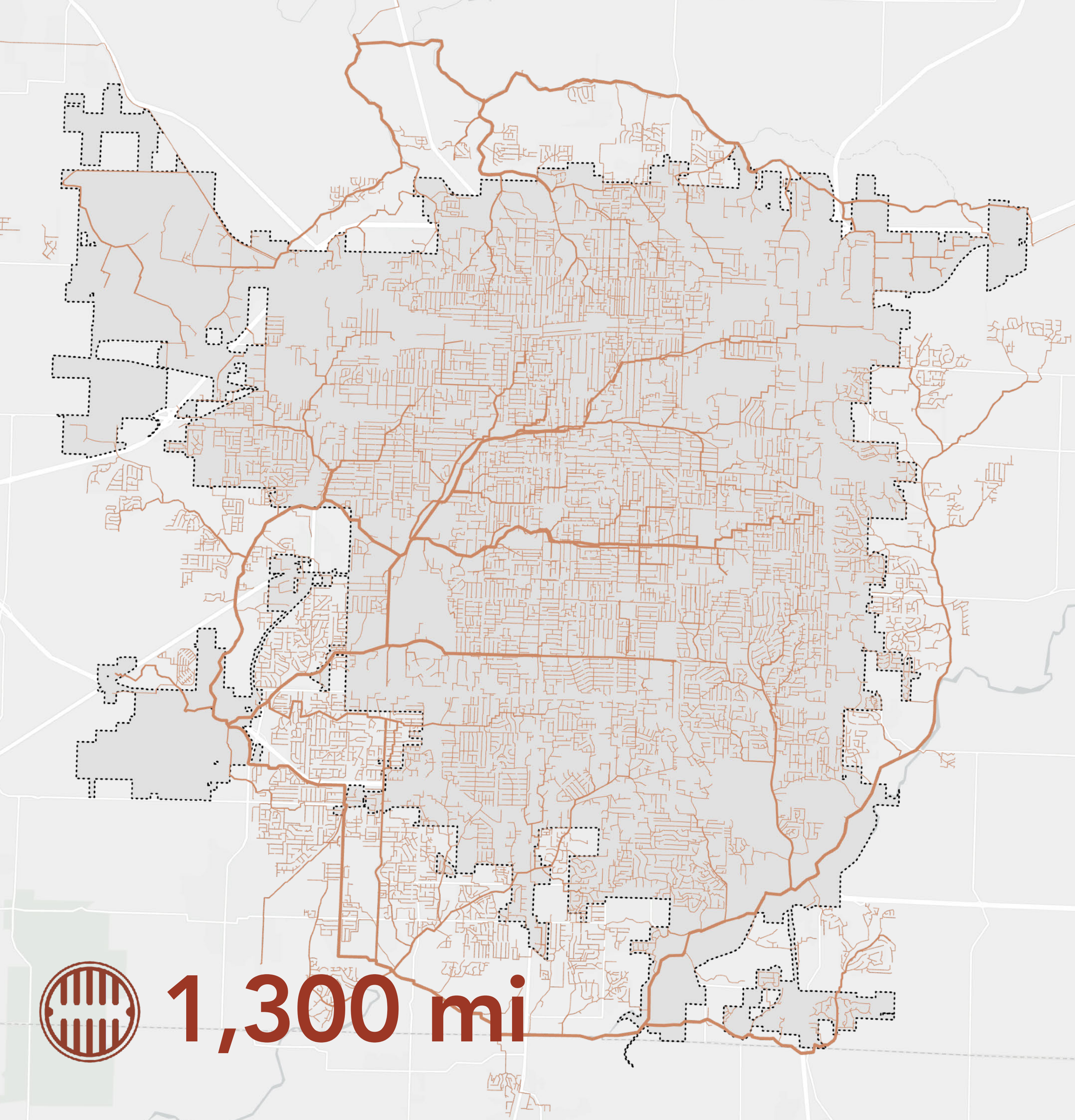


Source: City of Springfield, MO FY 2023-2024 Adopted Budget, Springfield, MO GIS (2022)

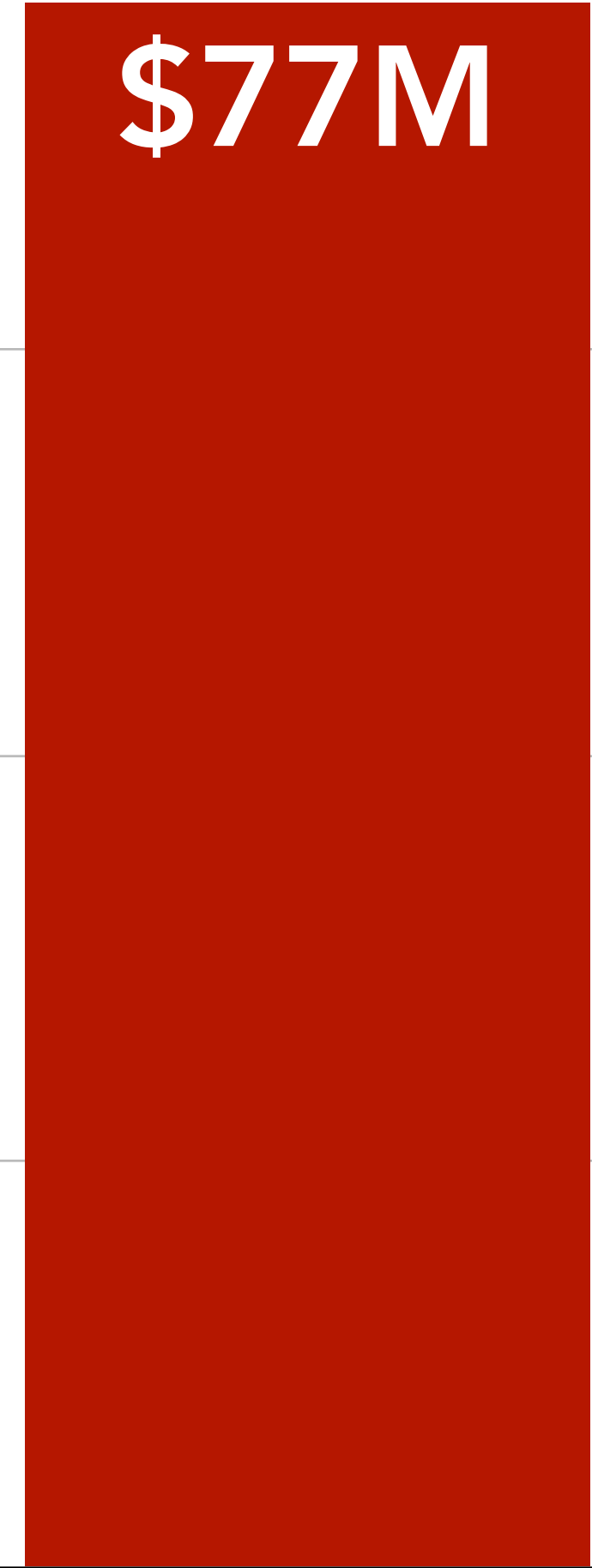
Annual Costs: Wastewater

Springfield, MO

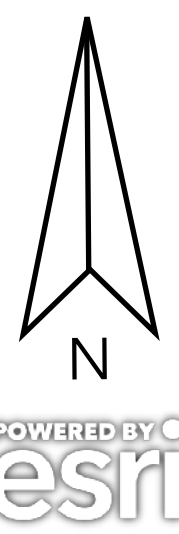
URBAN3



Current Spending



Needed Spending
(Lifecycle Costs)



Source: City of Springfield, MO FY 2023-2024 Adopted Budget, Springfield, MO GIS (2022)

Annual Costs: Roads

Springfield, MO

URBAN3

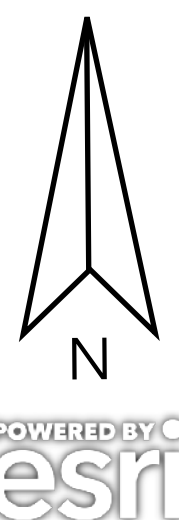


\$80M

\$42M

Current Spending

Needed Spending
(Lifecycle Costs)



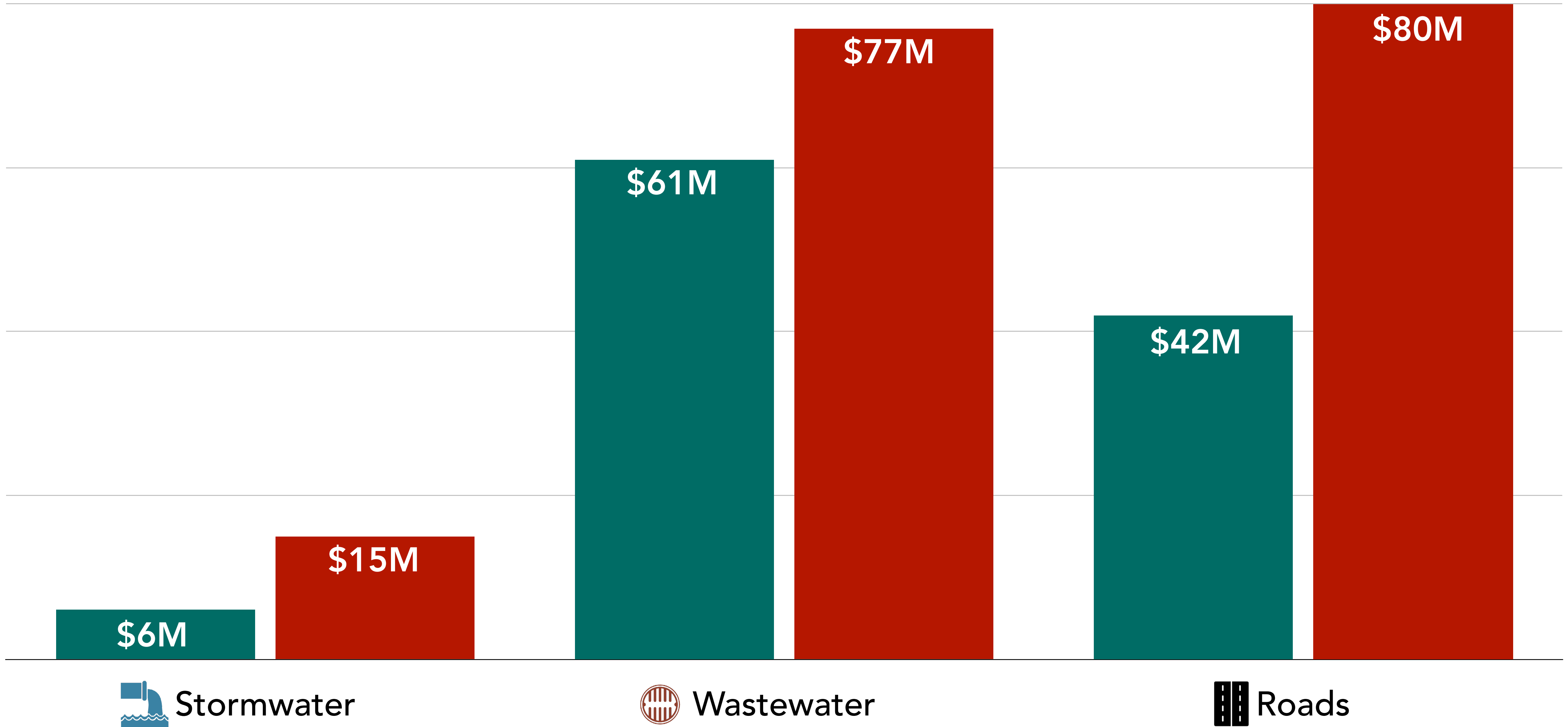
Source: City of Springfield, MO FY 2023-2024 Adopted Budget, Springfield, MO GIS (2022)

Infrastructure System Costs

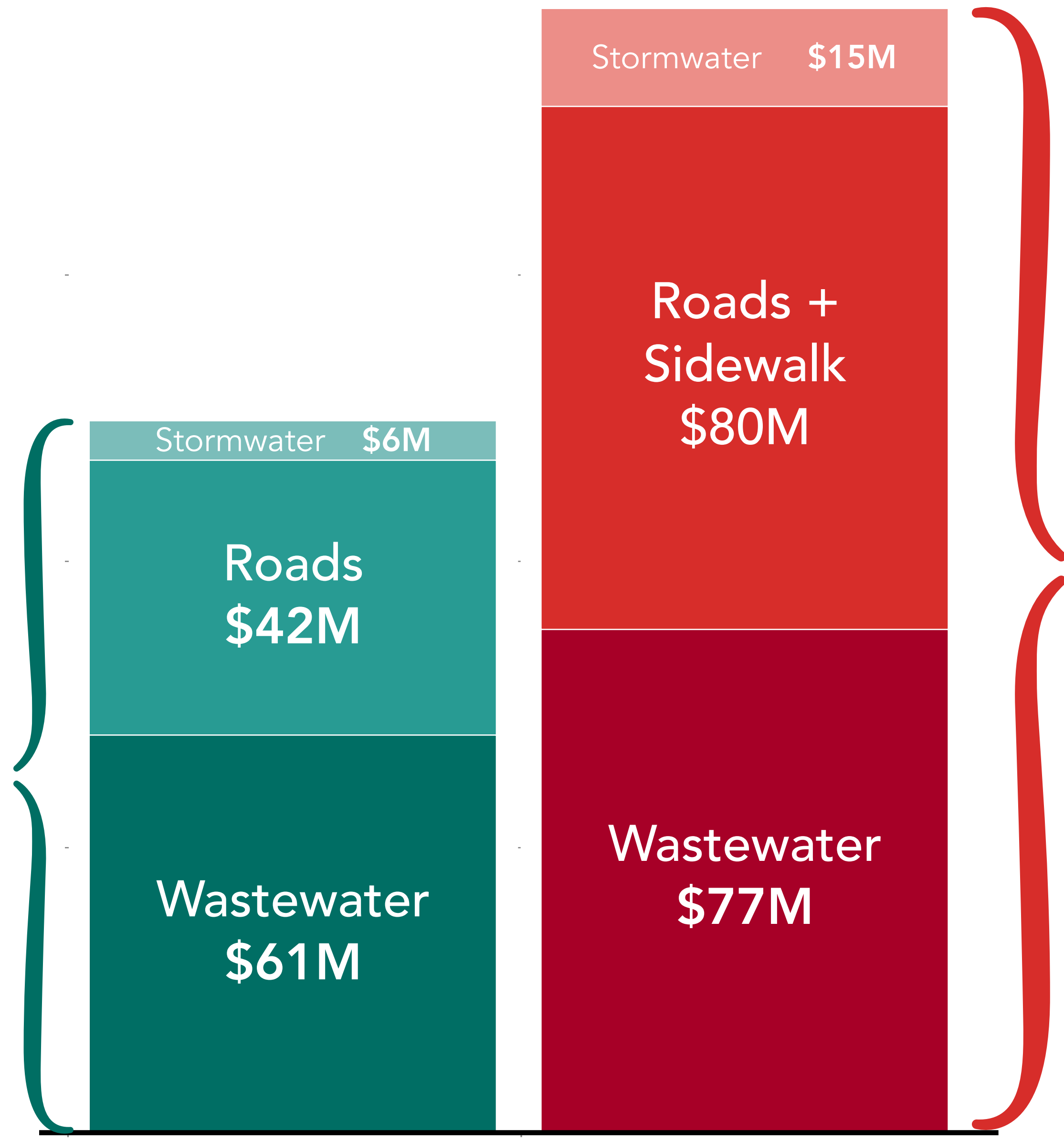
Springfield, MO

Current Spending

Needed Spending (*Lifecycle Cost*)



\$109M
annually



\$173M
annually

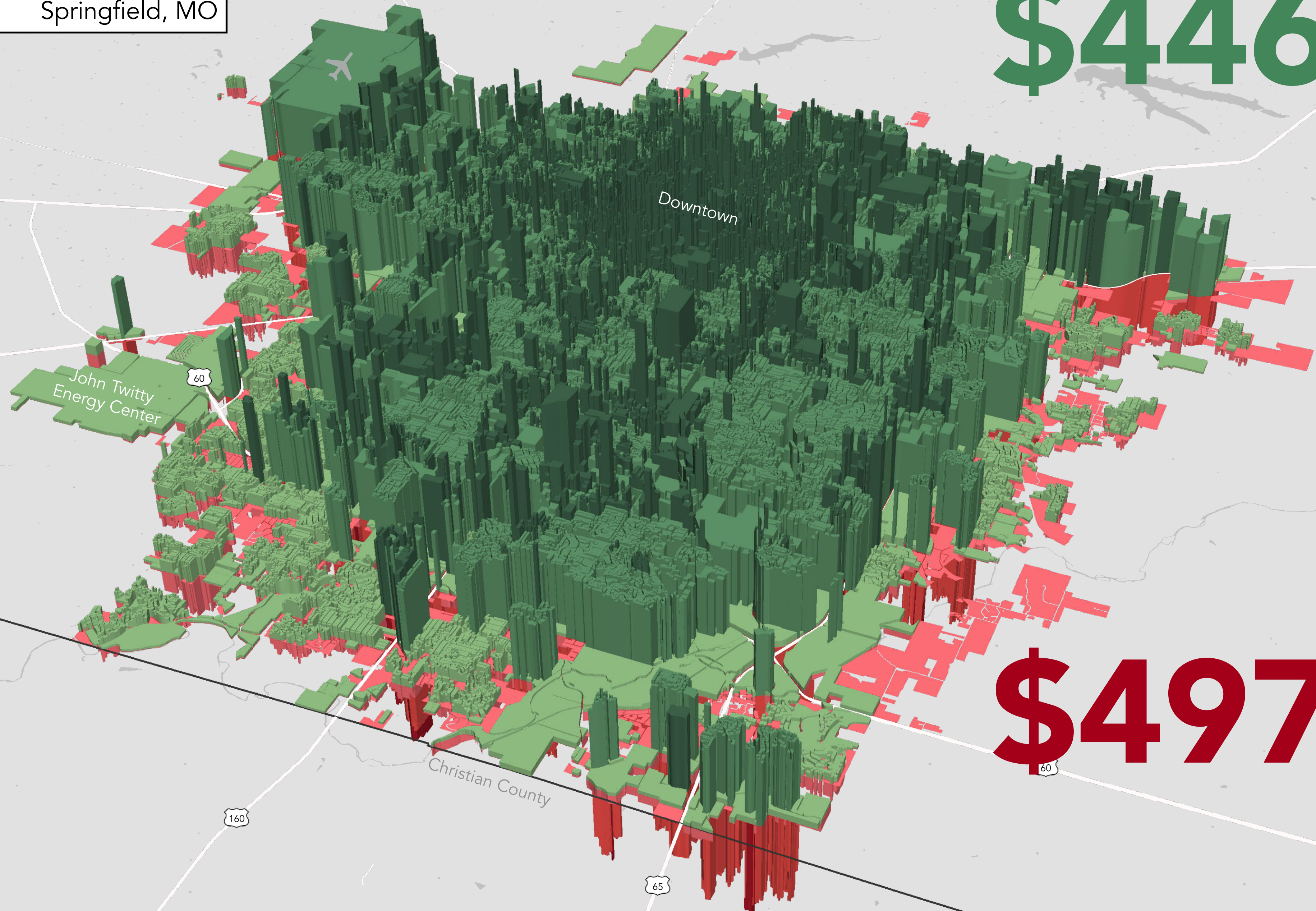
Current Spending

Lifecycle Cost

Revenues & Costs Per Acre

Springfield, MO

\$446M



Revenue Per Acre

- █ Most
- █ Least

Cost Per Acre

- █ Least
- █ Most

\$497M



Revenues & Costs Per Acre

Springfield, MO

\$446M

Downtown

Revenue Per Acre

Most

Least

Cost Per Acre

Least

Most

\$497M



Revenues & Costs Per Acre

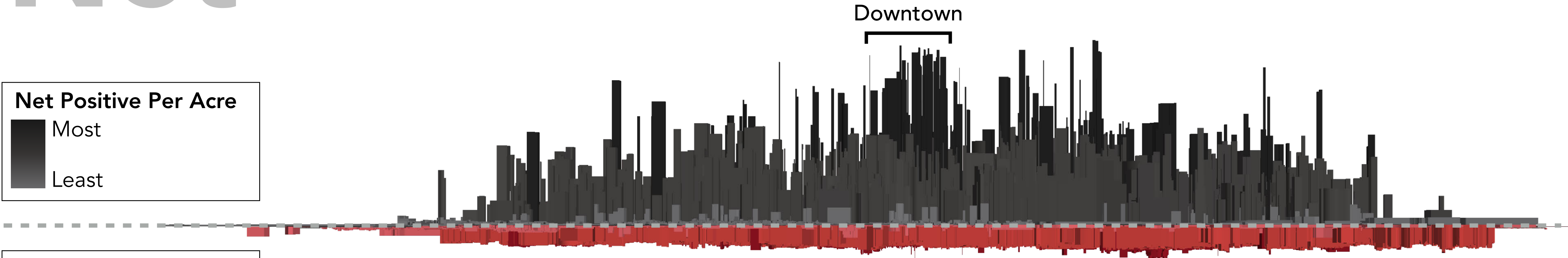
Springfield, MO

Net

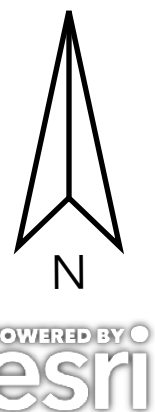
Net Positive Per Acre



Net Negative Per Acre



-\$48M



Revenues & Costs Per Acre

Springfield, MO



Missouri State University

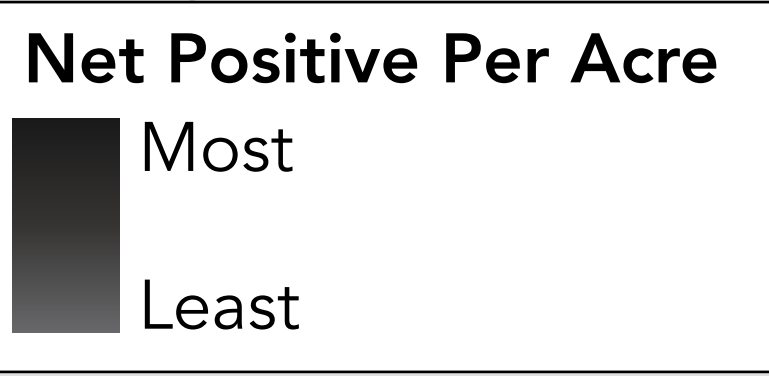
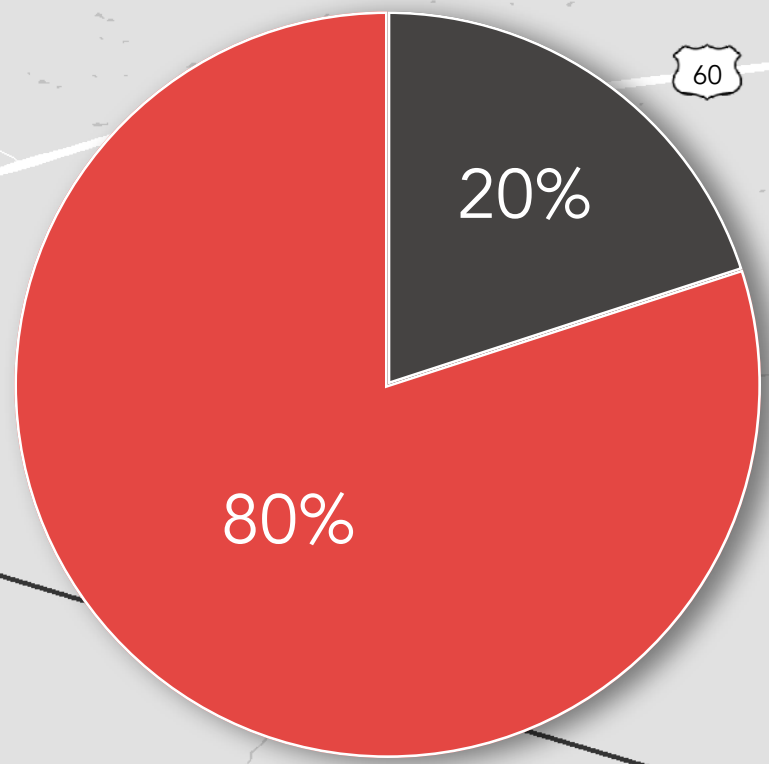
Industrial Park

Downtown

John Twitty Energy Center

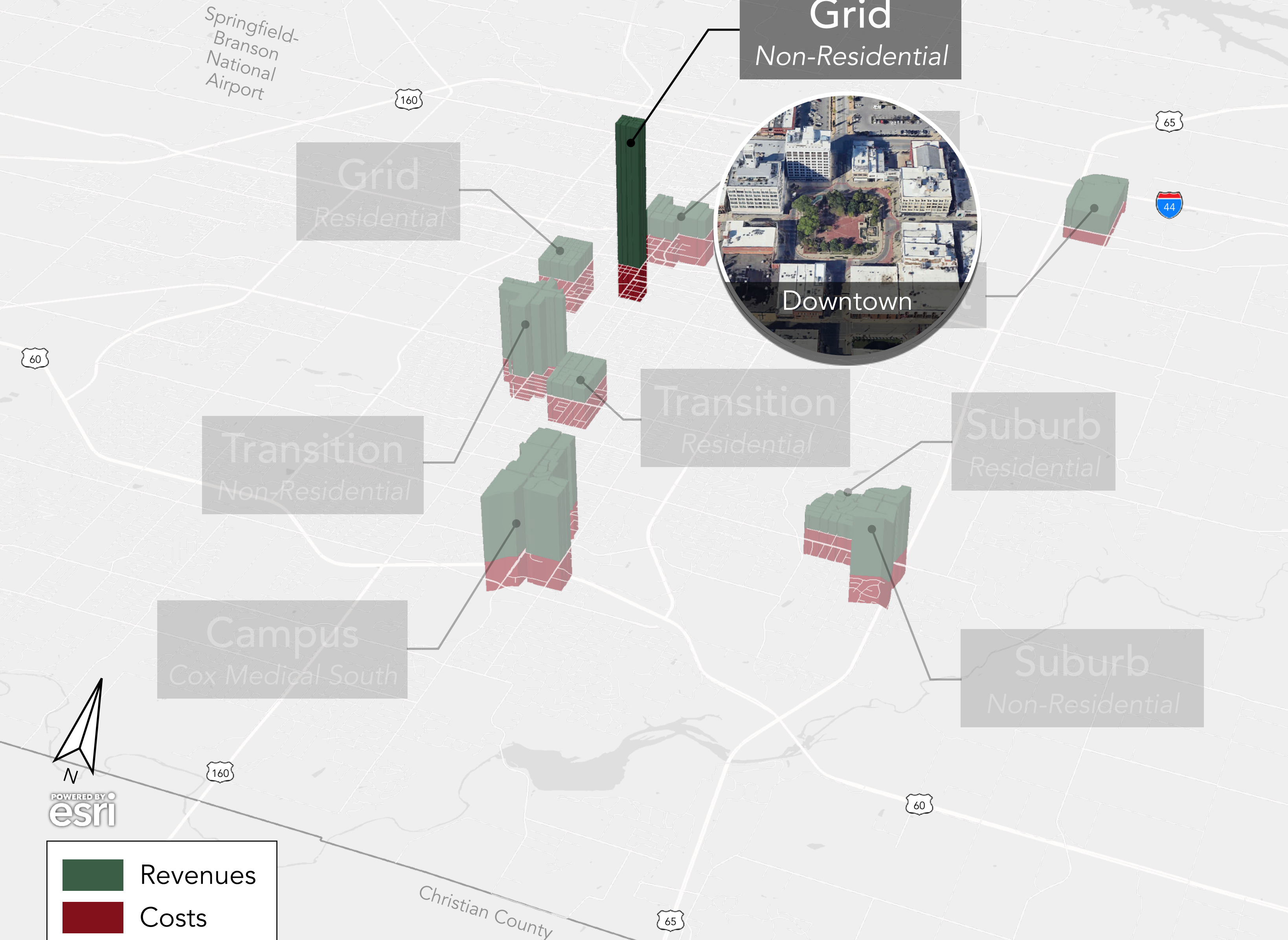
Battlefield Mall

Christian County



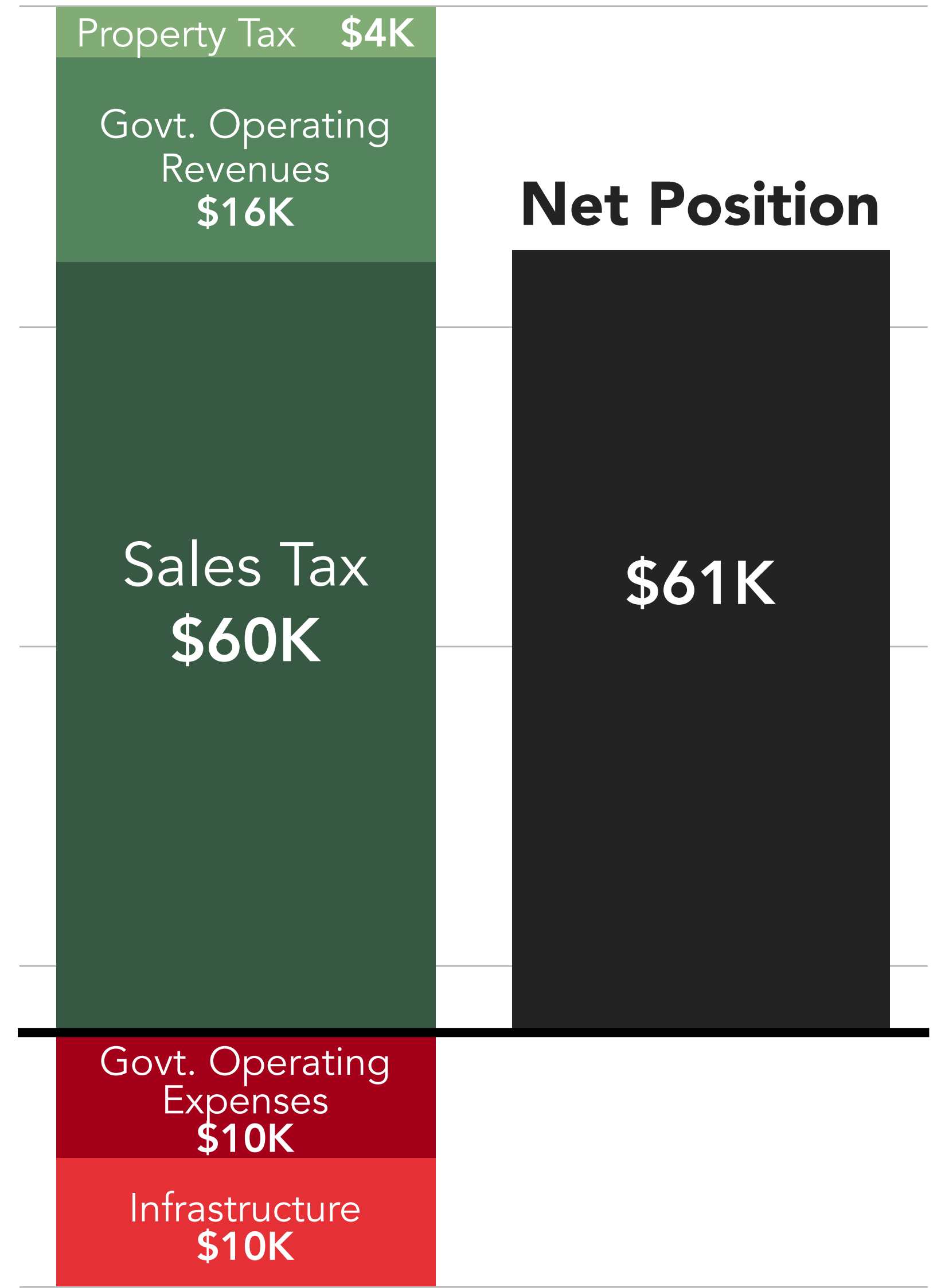
Revenues & Costs Per Acre

Springfield, MO



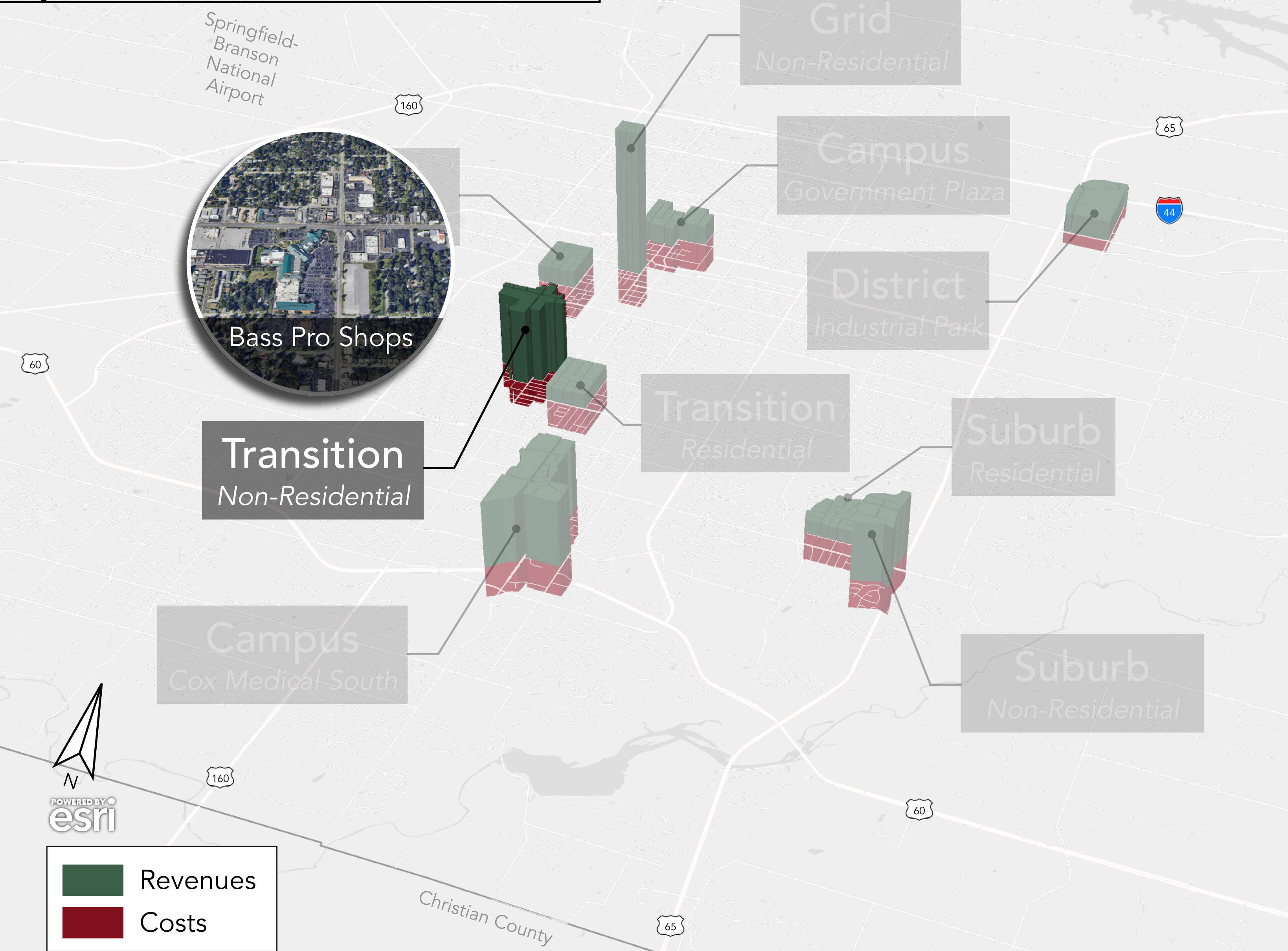
Nutrition Facts

Per Acre Development



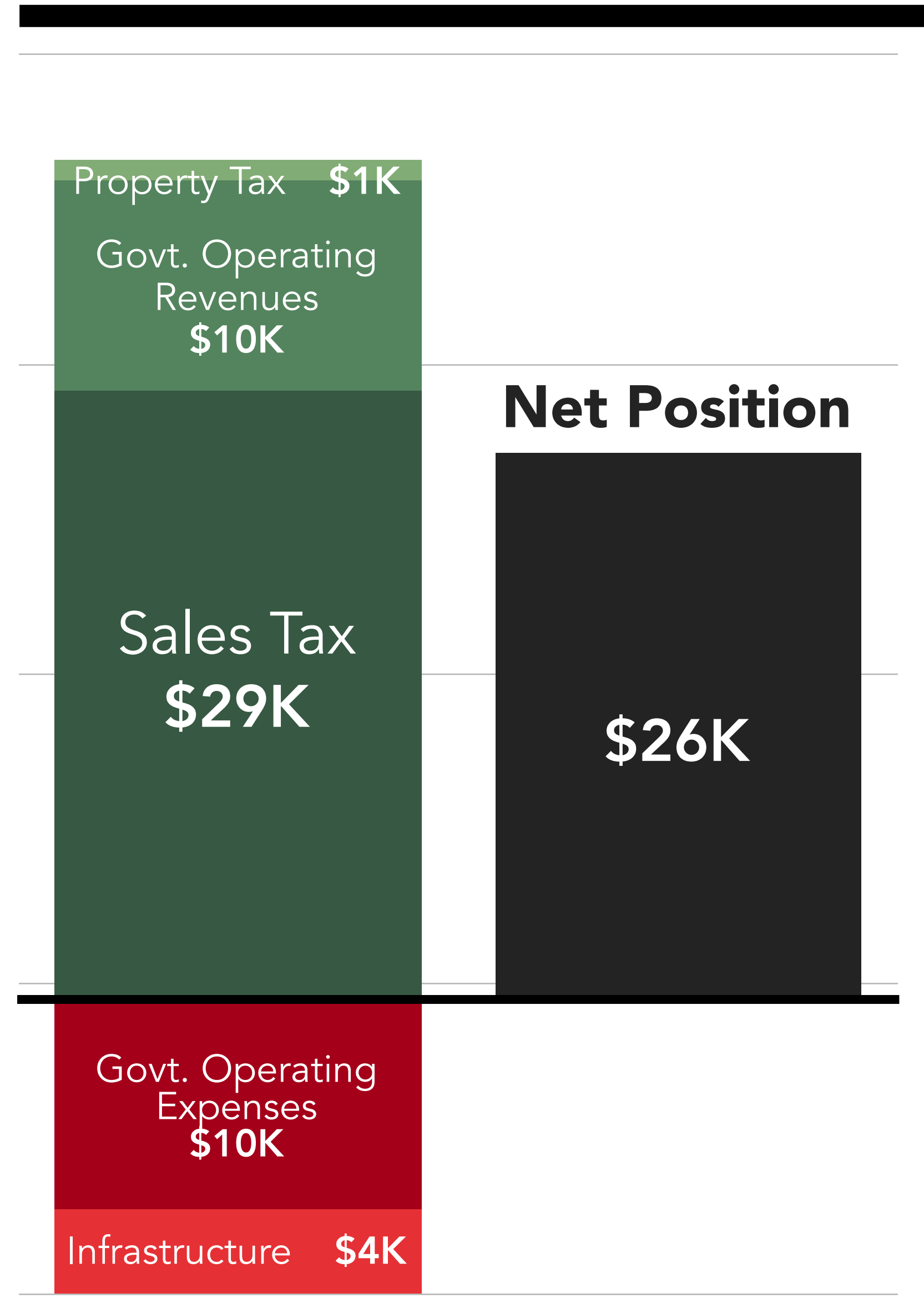
Revenues & Costs Per Acre

Springfield, MO



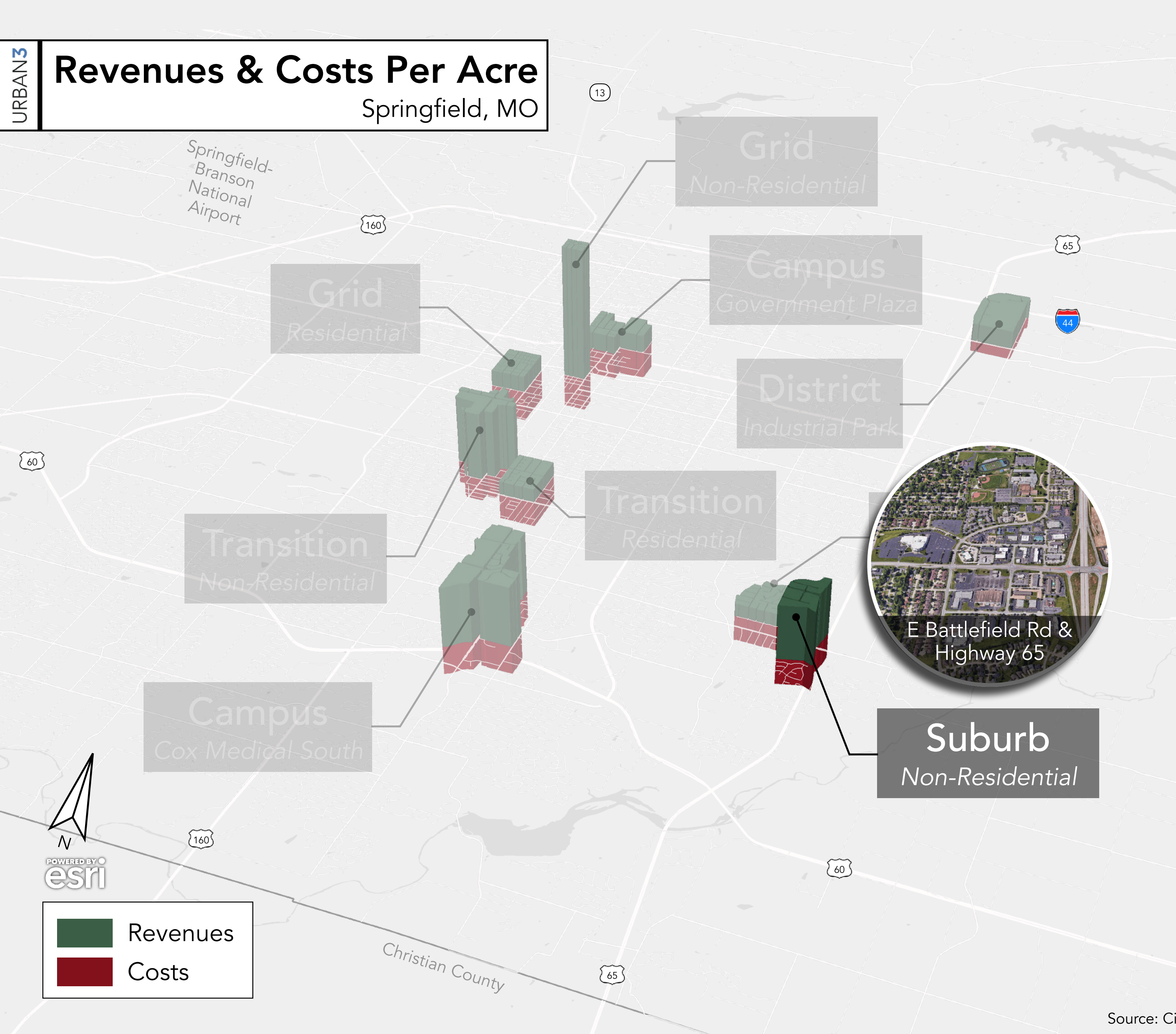
Nutrition Facts

Per Acre Development



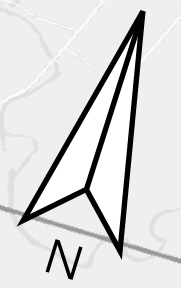
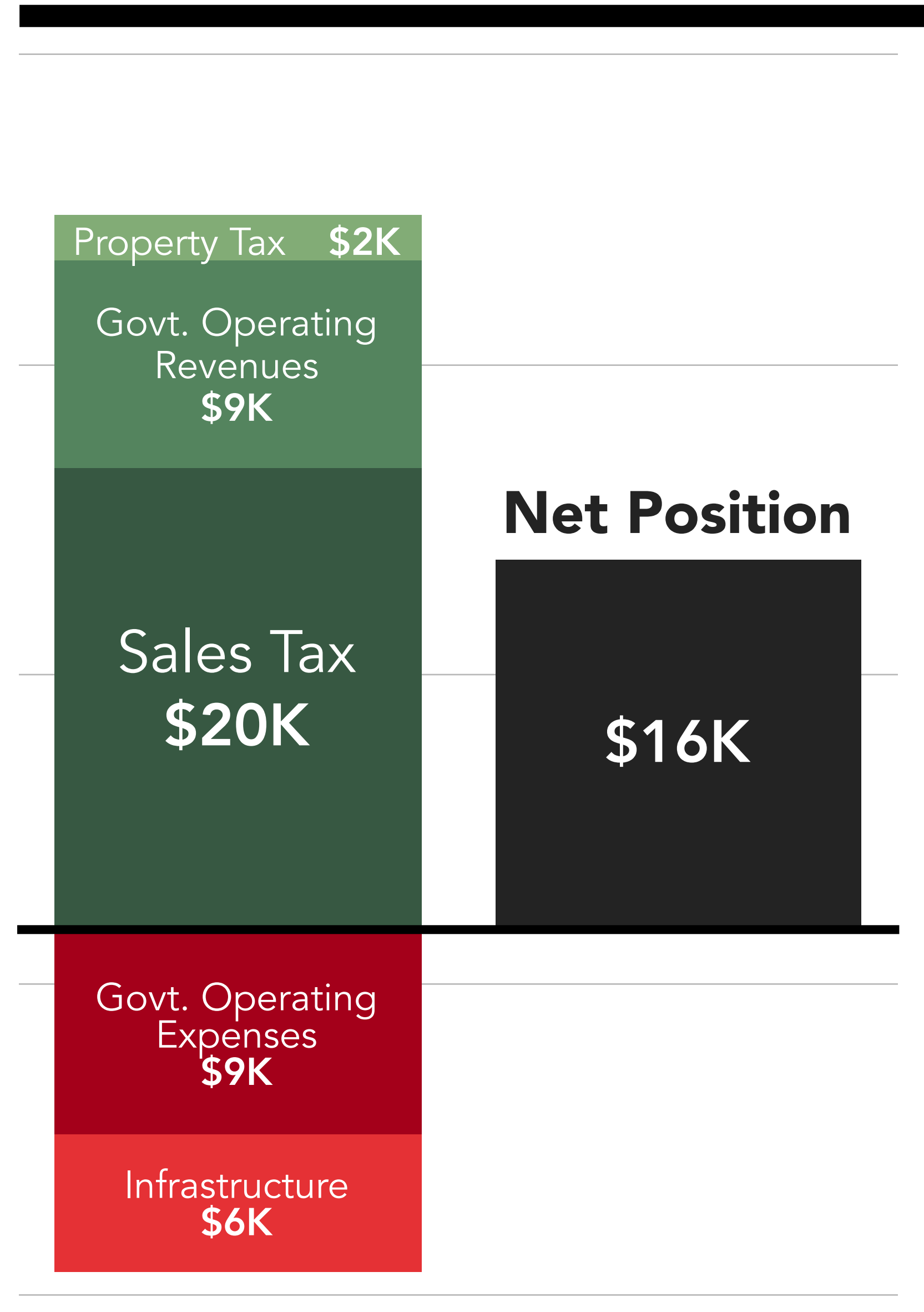
Revenues & Costs Per Acre

Springfield, MO



Nutrition Facts

Per Acre Development

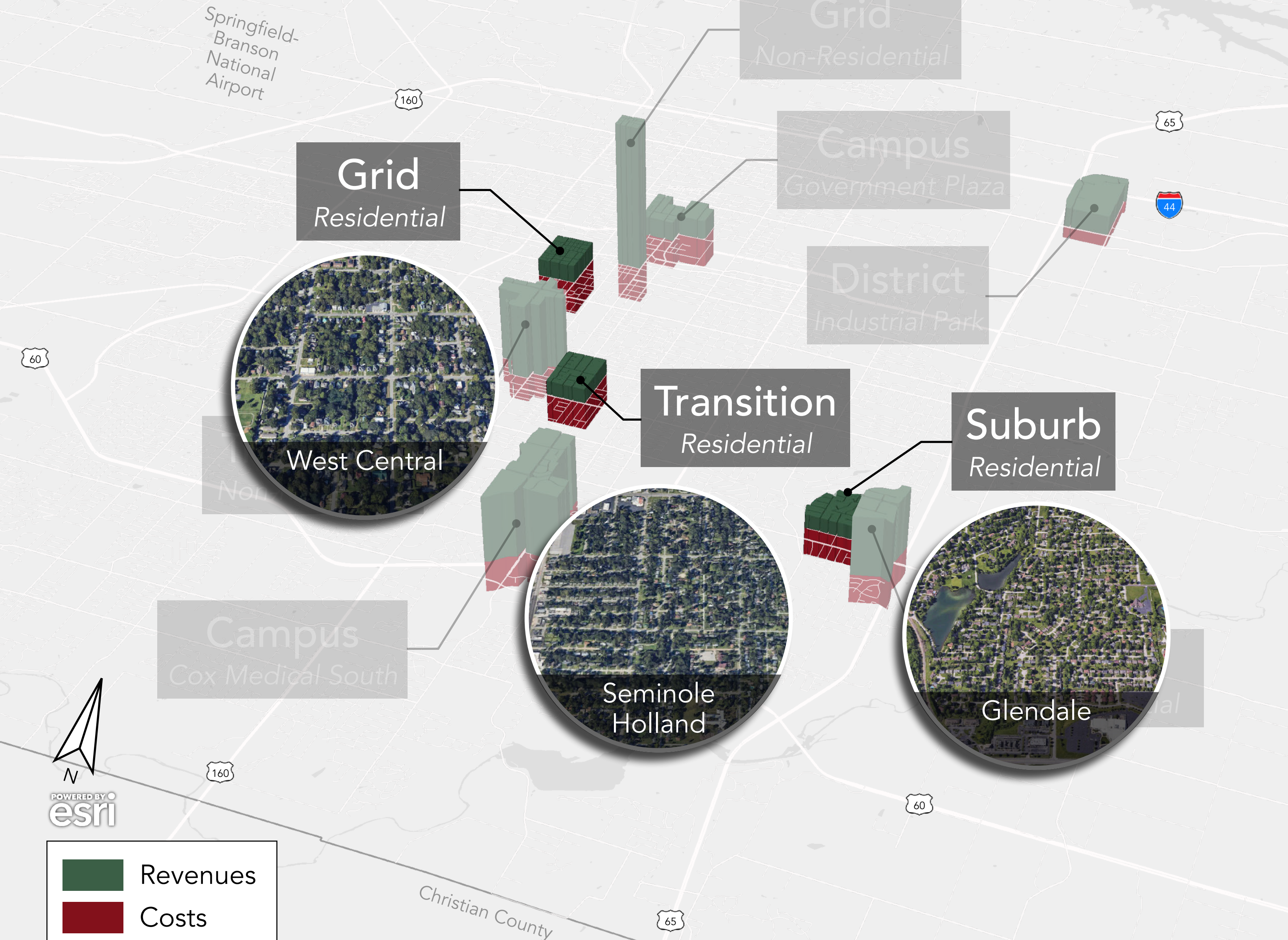


POWERED BY esri



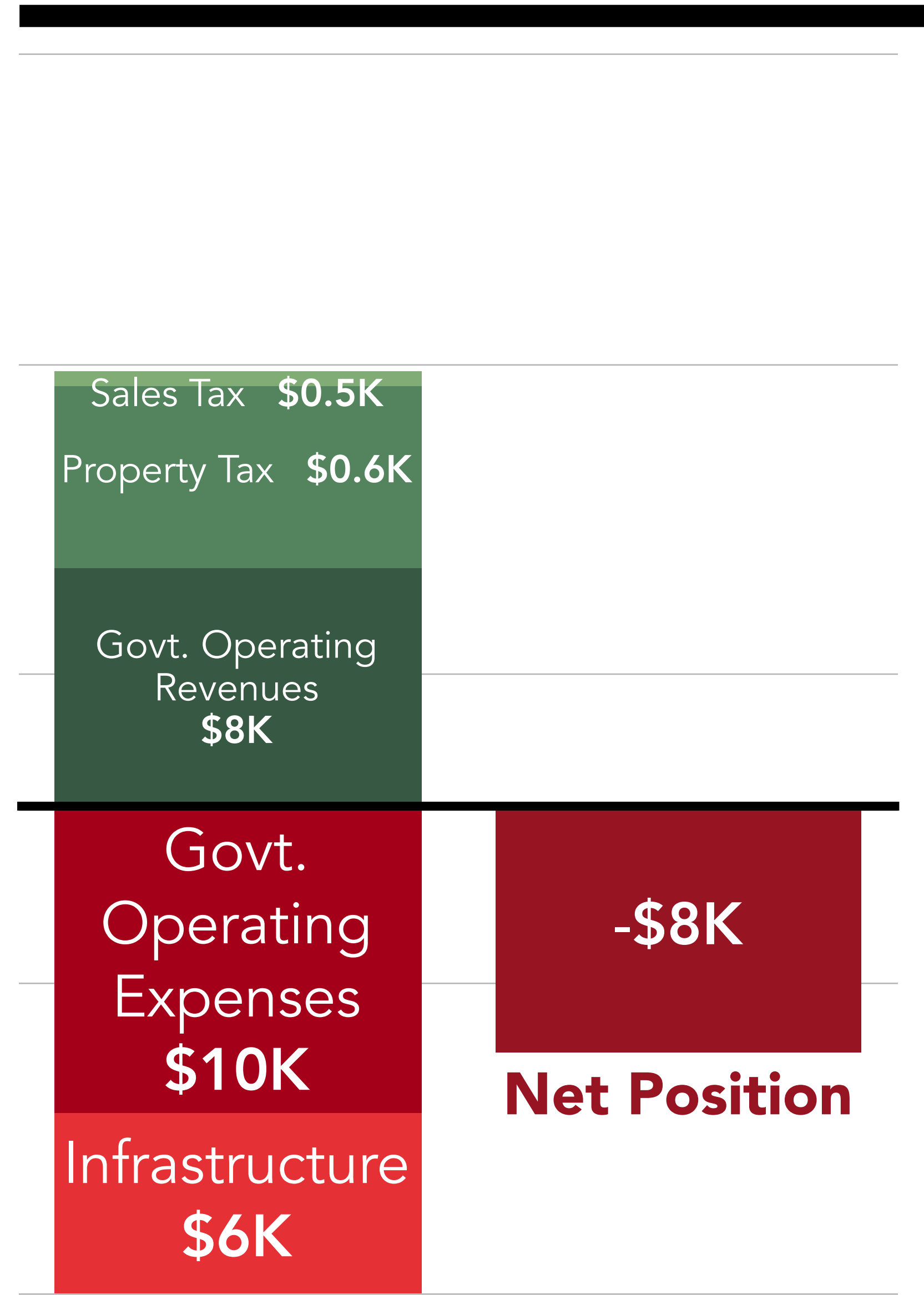
Revenues & Costs Per Acre

Springfield, MO



Nutrition Facts

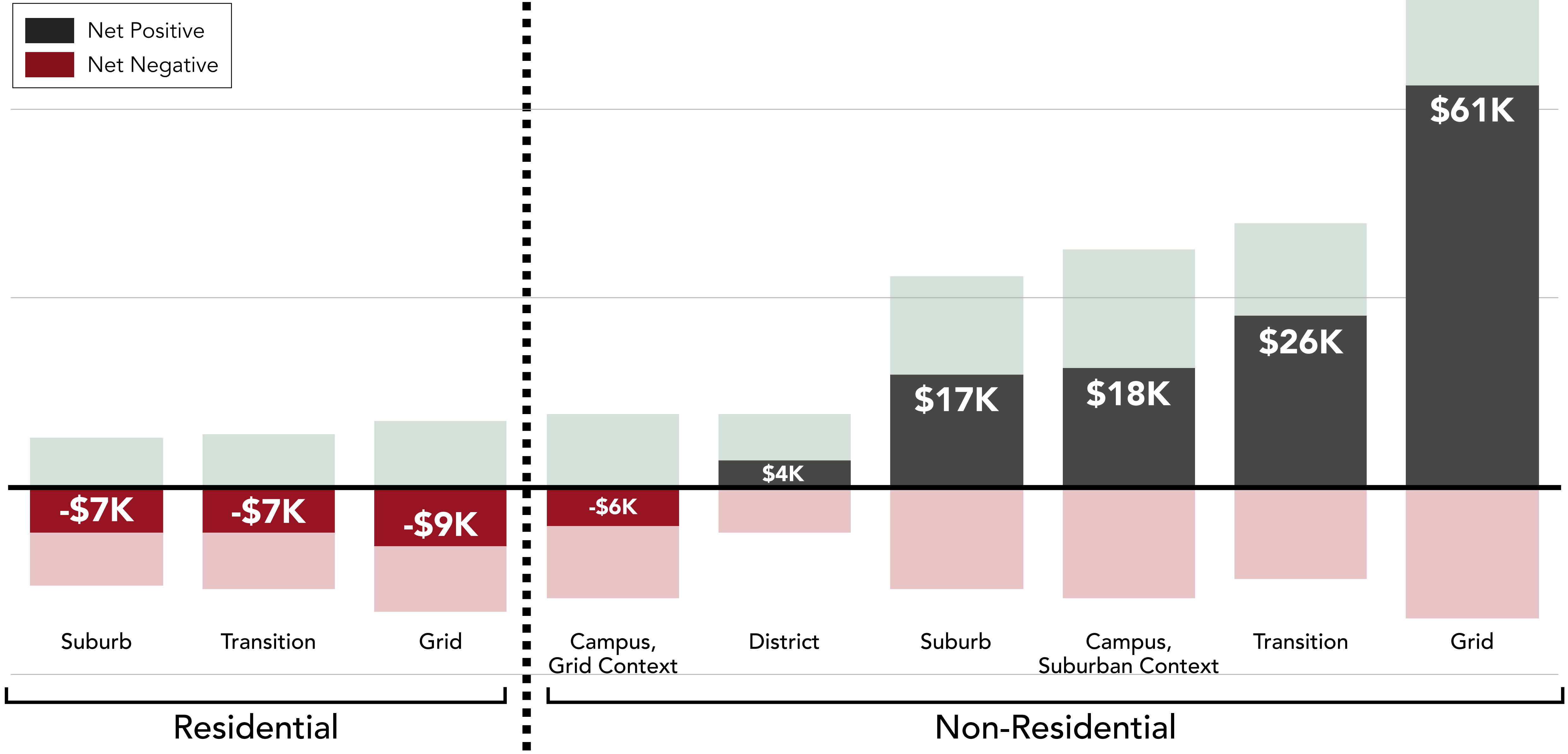
Per Acre Development



Revenues & Costs Per Acre by District Type

Springfield, MO

Legend:
■ Net Positive (Dark Gray)
■ Net Negative (Dark Red)

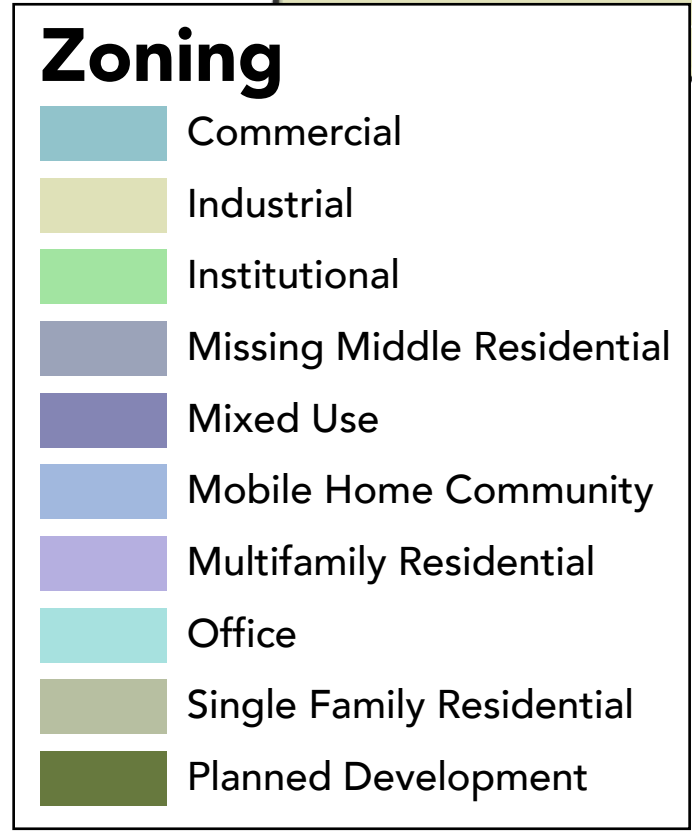
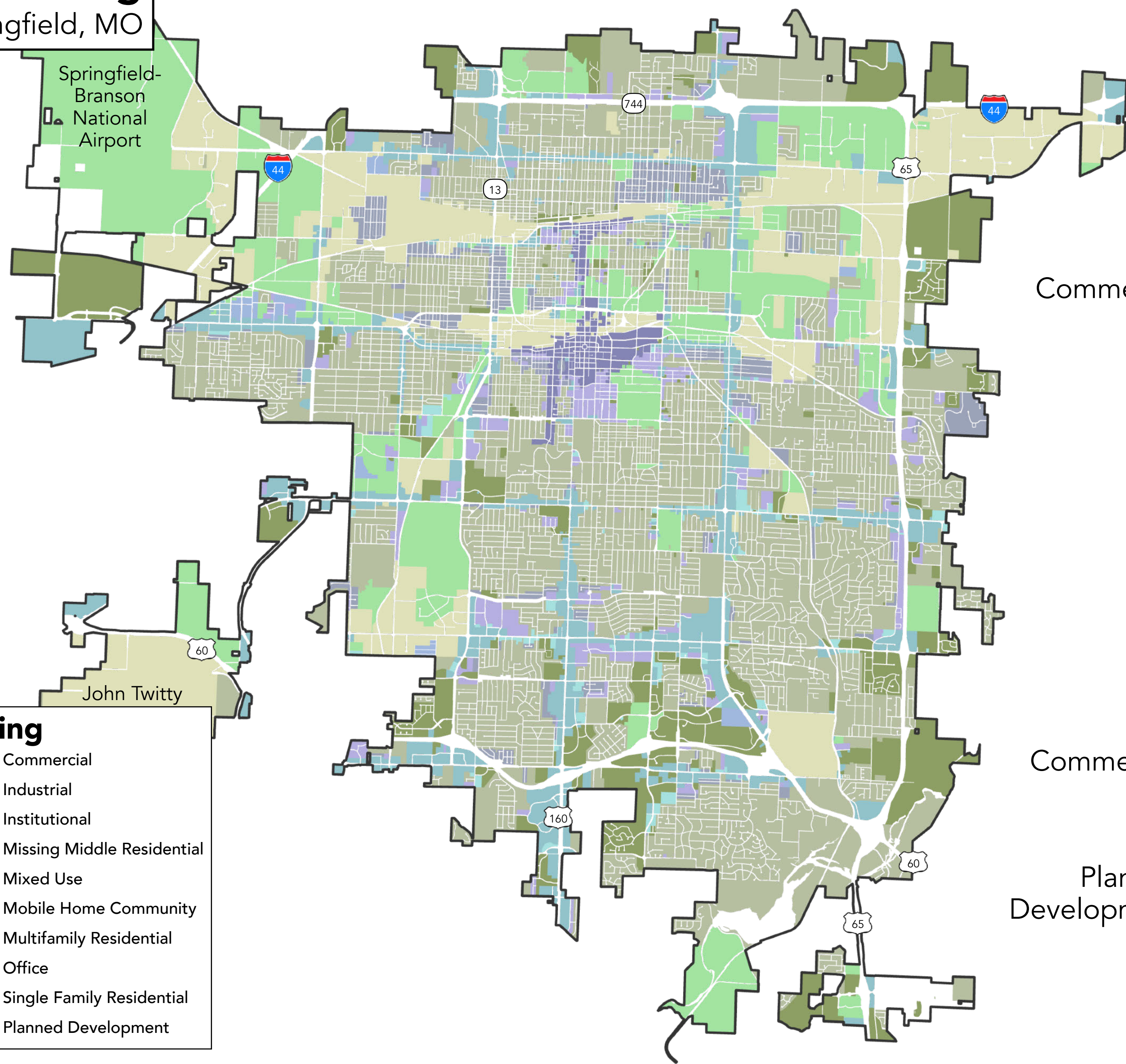


Source: City of Springfield, MO FY 2023-2024 Adopted Budget, Springfield GIS, Greene County Assessor

Zoning

Springfield, MO

Springfield-Branson National Airport



Office

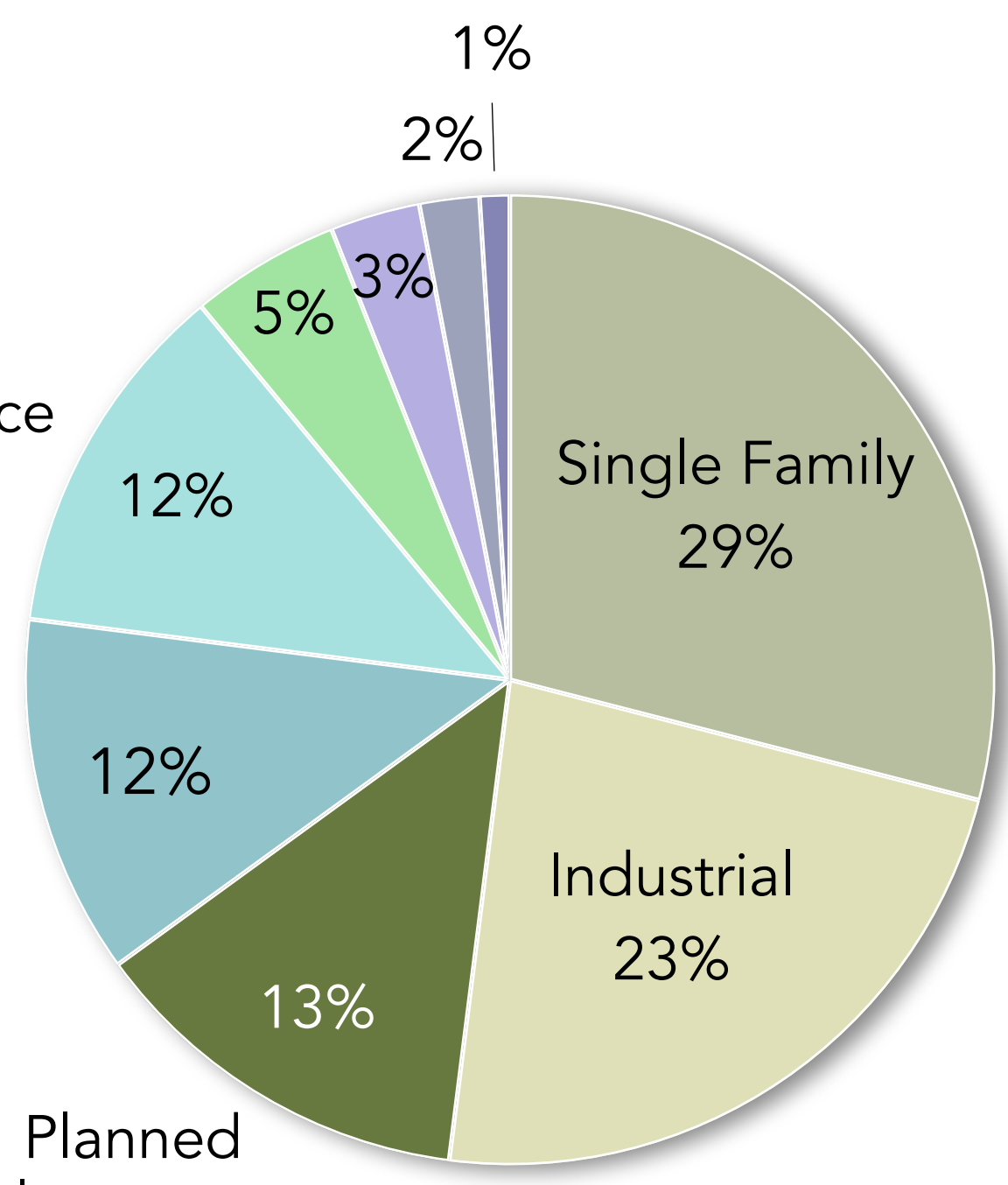
Commercial

Planned Development

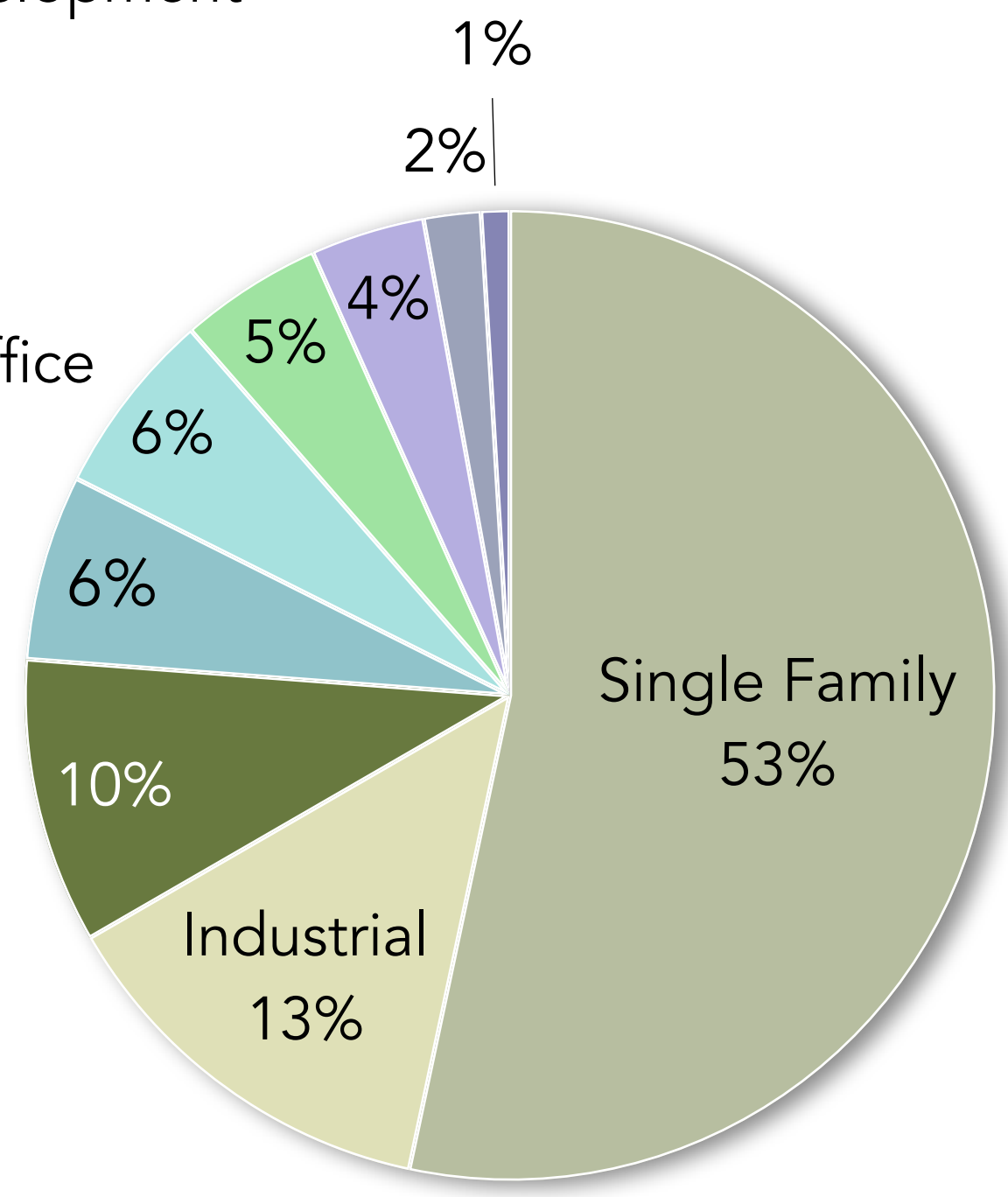
Office

Commercial

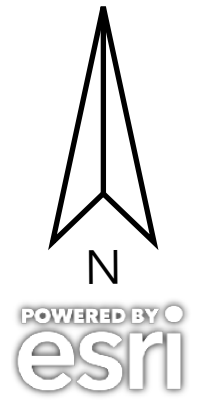
Planned Development



Percent of Revenue

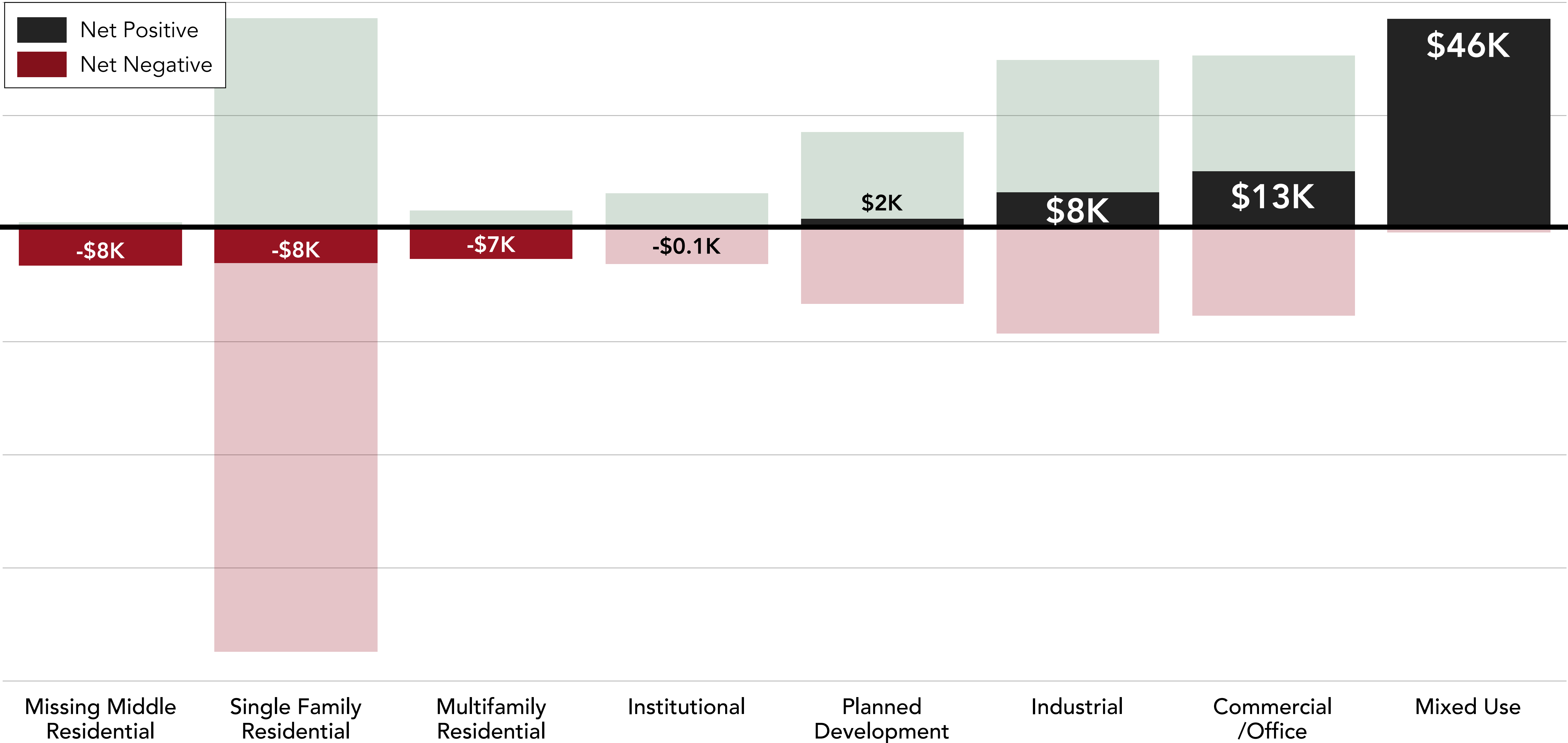


Percent of Cost



Revenues & Costs Per Acre by Zoning Type

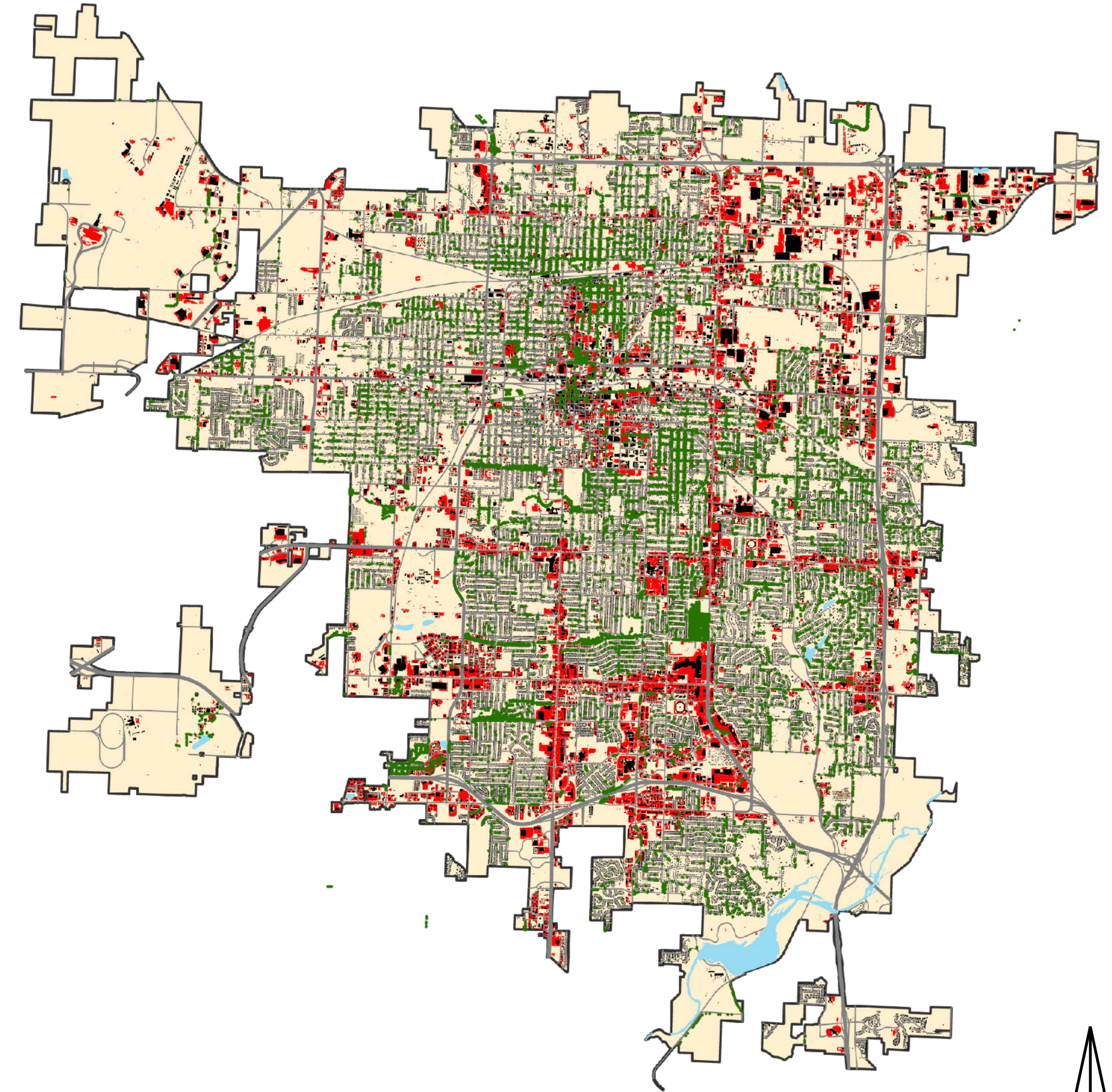
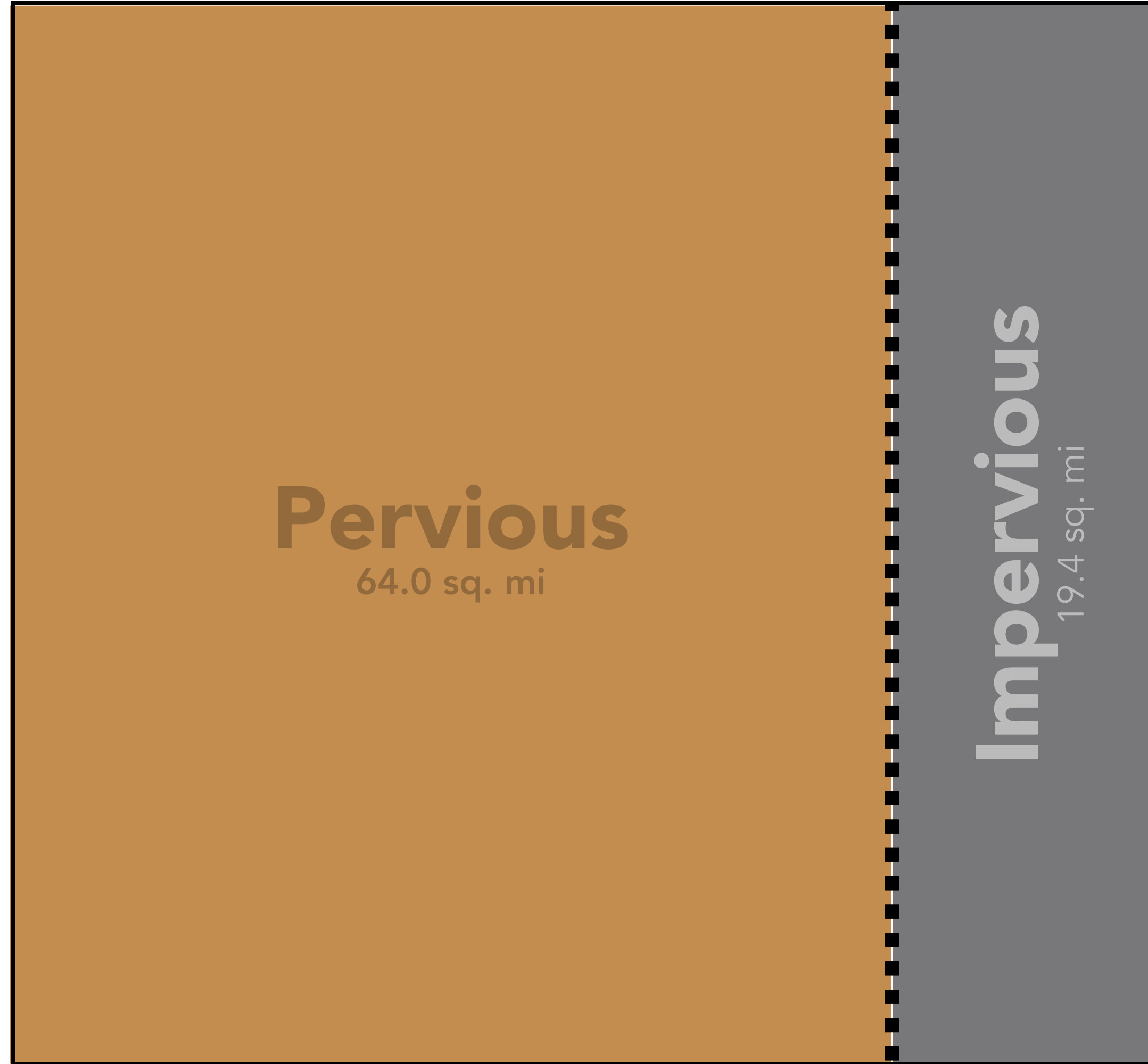
Springfield, MO



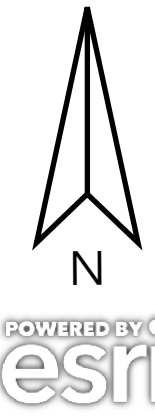
Impact of Trees on Stormwater System

Springfield, MO

Area



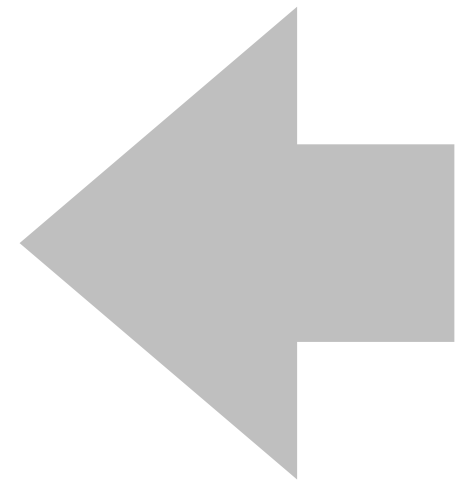
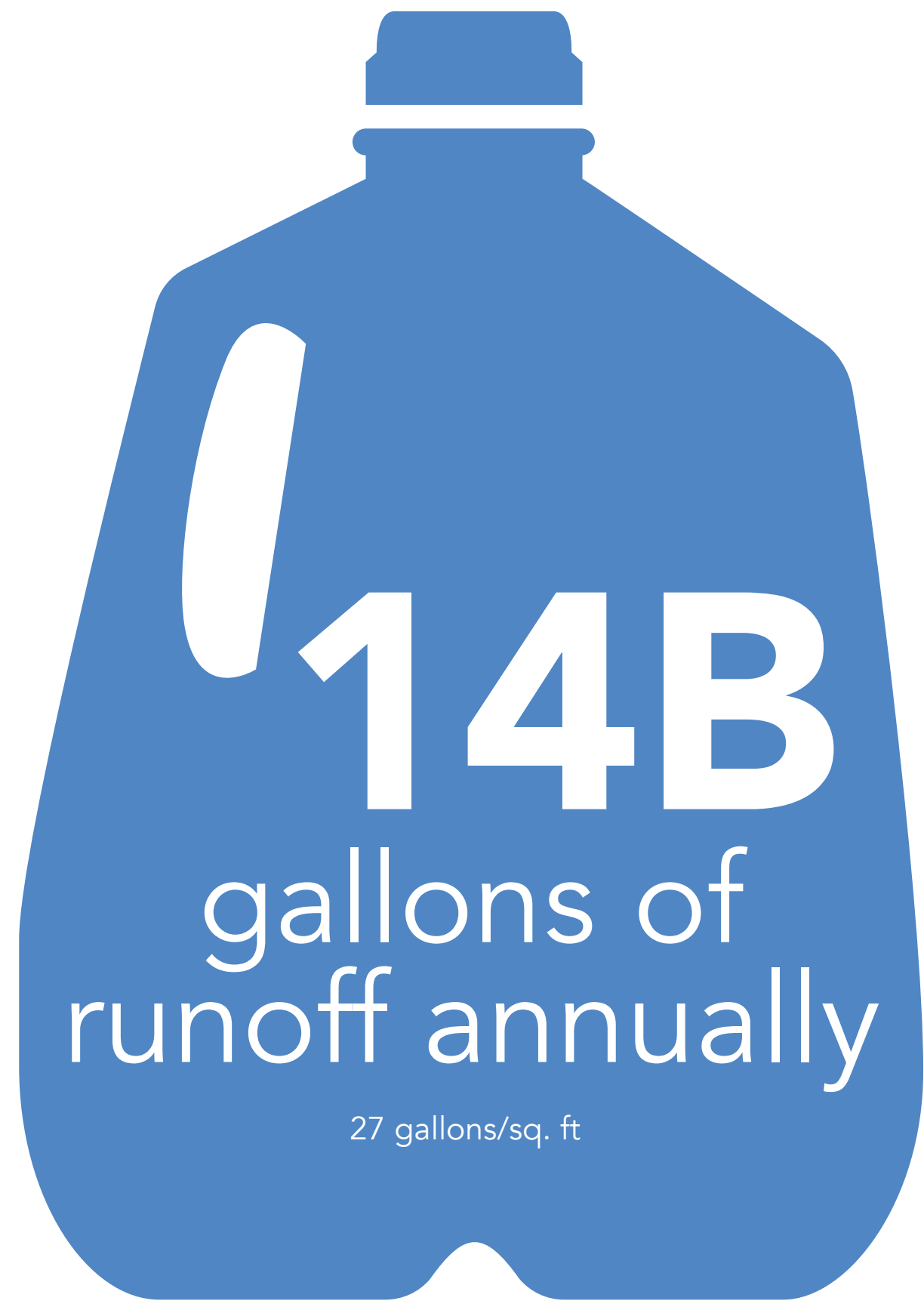
23,000 trees
● Tree canopy



*Estimate from satellite imagery

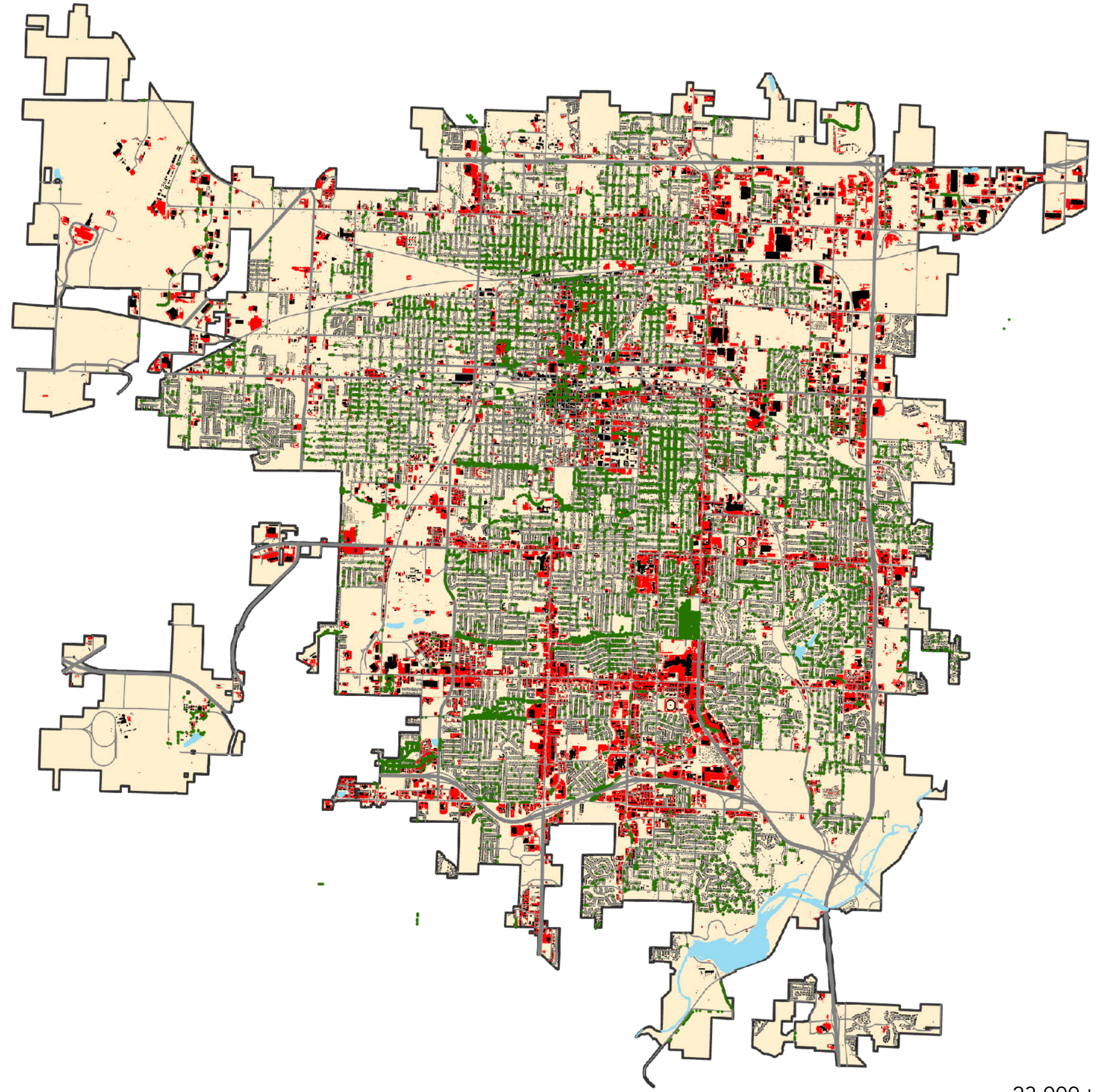
Impact of Trees on Stormwater System

Springfield, MO



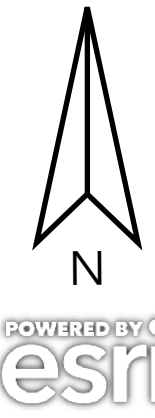
Impervious
19.4 sq. mi

To scale!



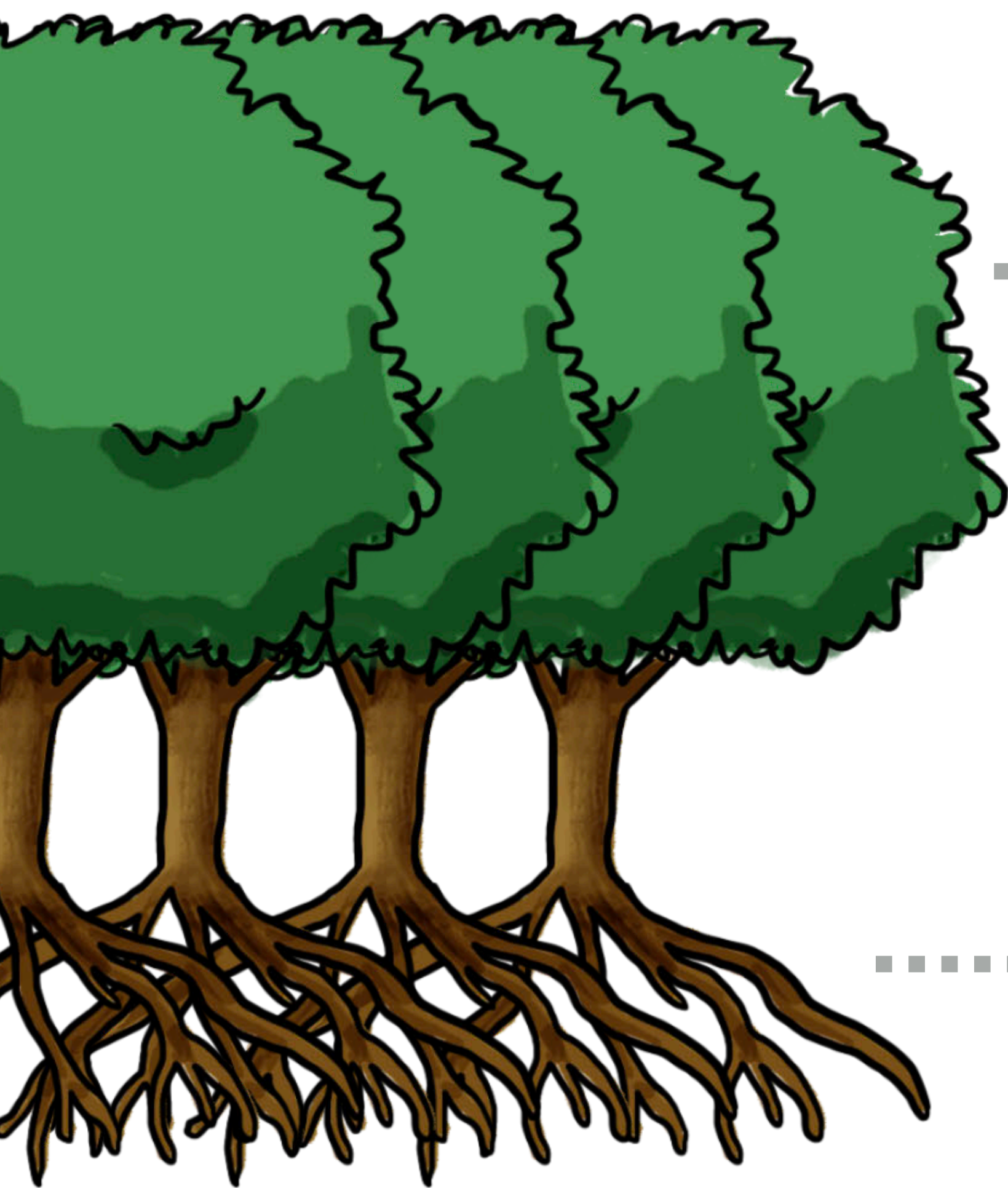
23,000 trees

● Tree canopy

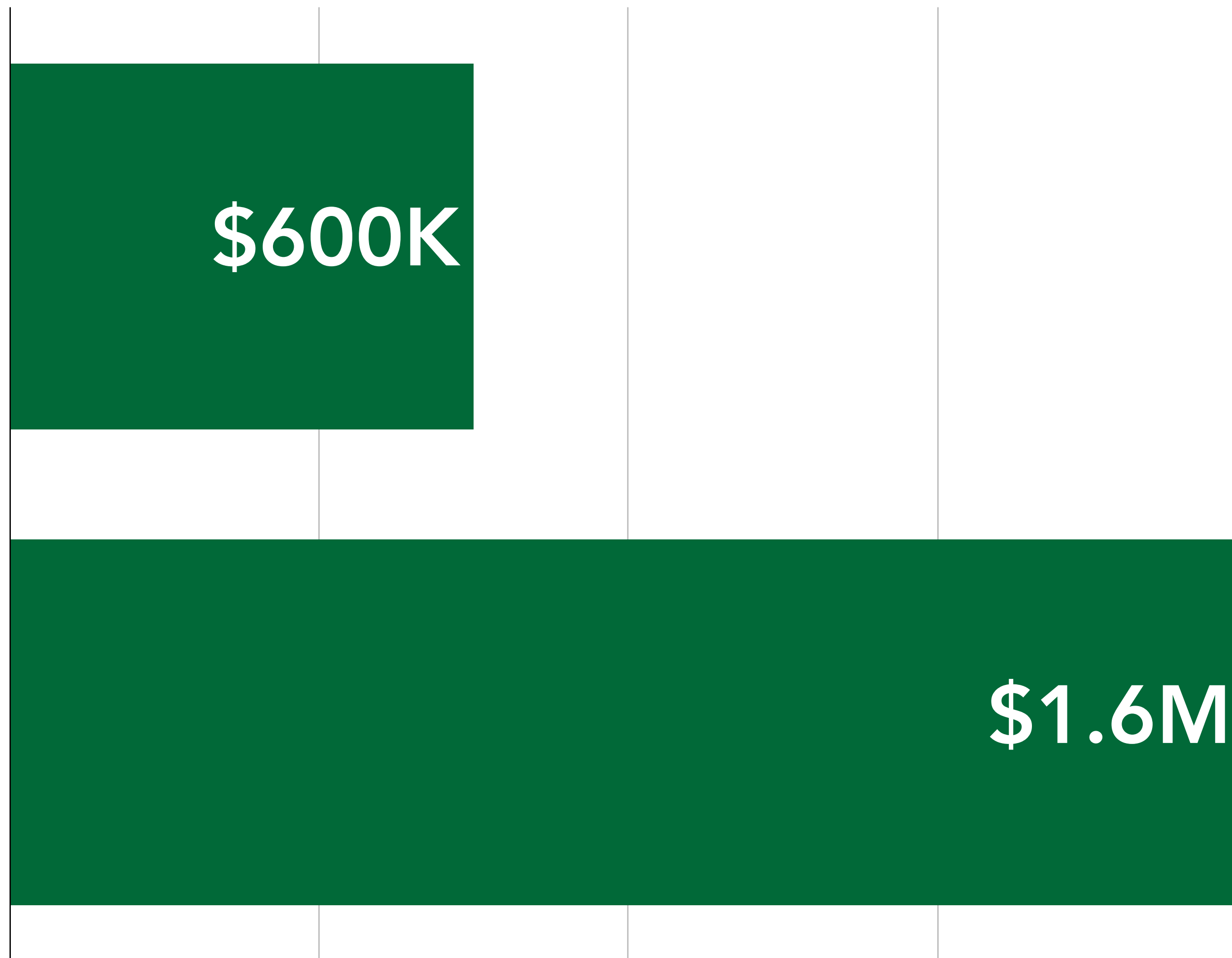


Annual Impacts of Total Tree Canopy

Springfield, MO

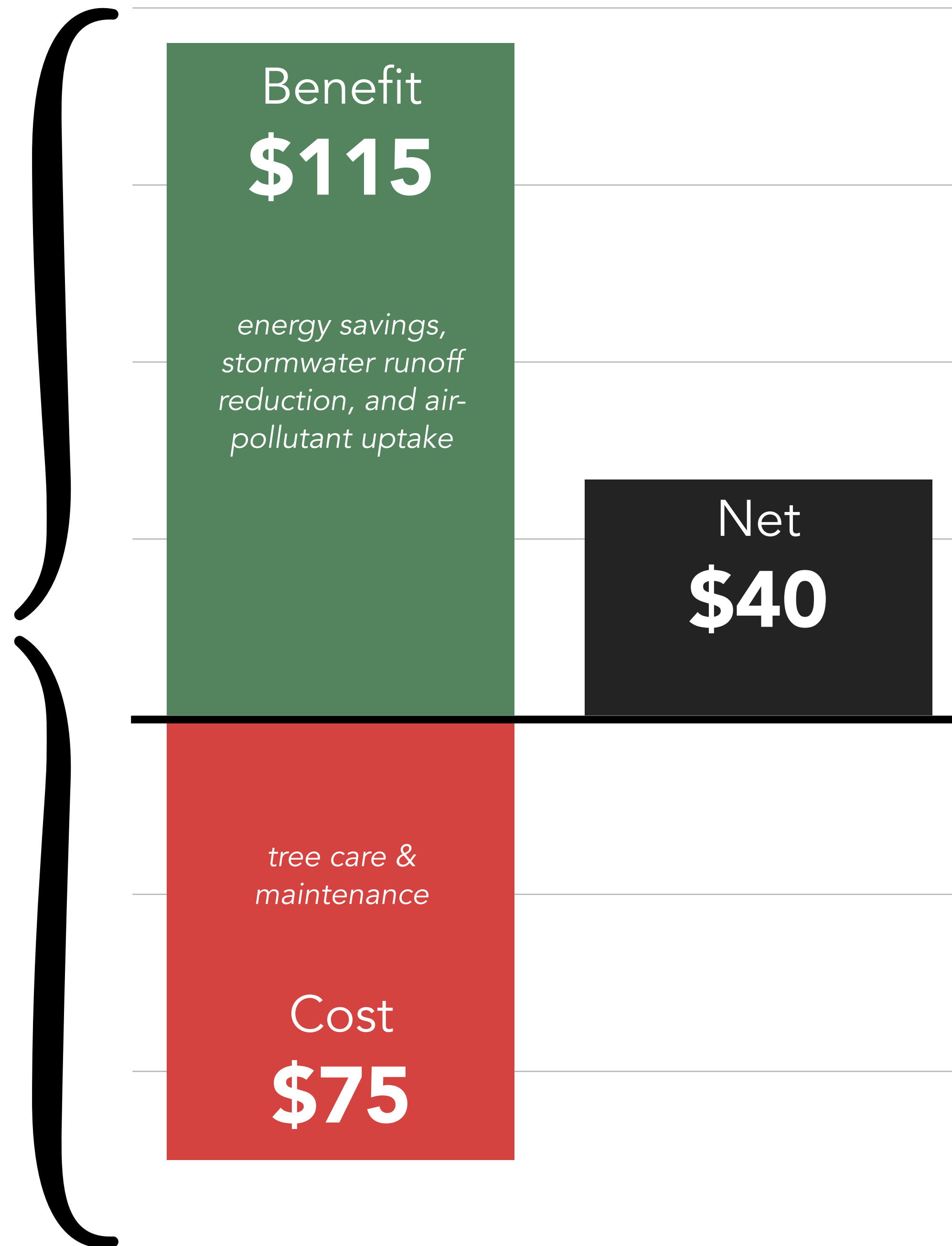


Reduces stormwater system cost by



Annual Impacts of a Single Tree

Springfield, MO



Annual Impacts of 10,000 Trees

Springfield, MO

