100 Trees Initiative Report on Year 3



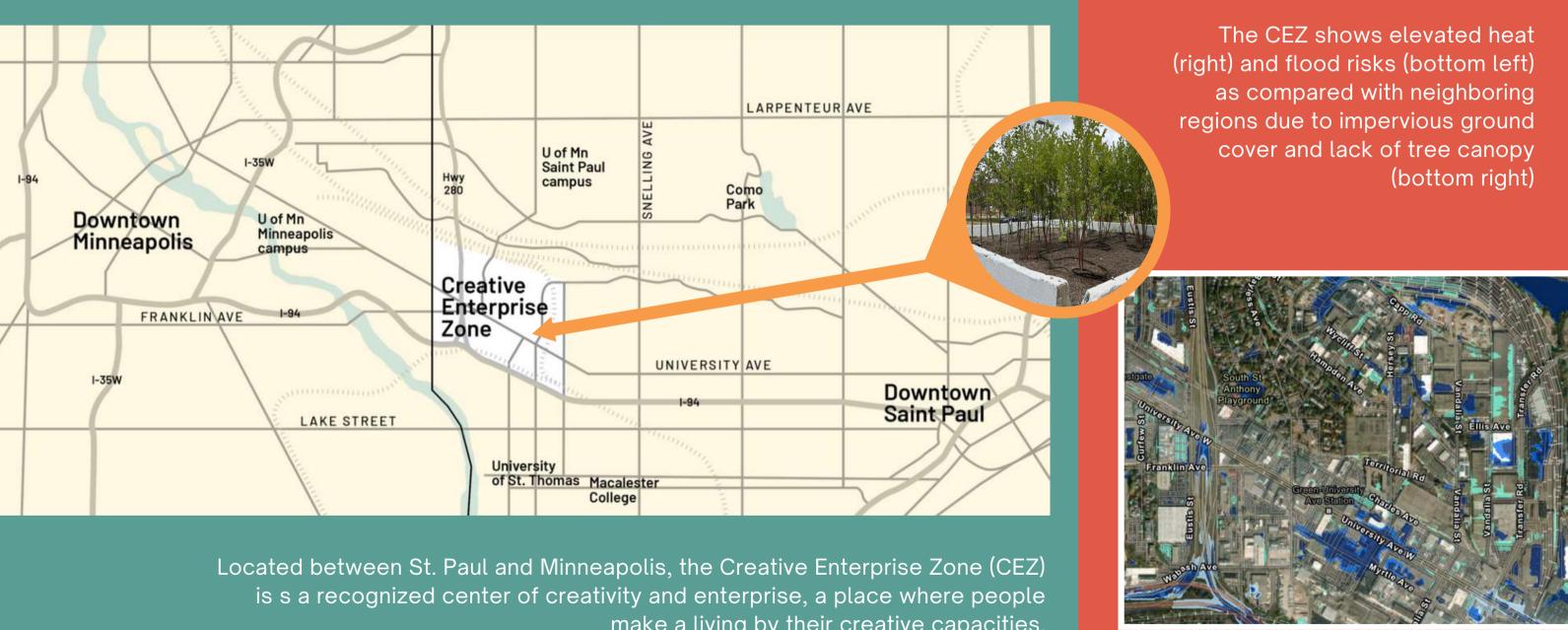
November 2023

Creative Enterprise Zone watering trailer parked beside the newly-installed and planted 2023 CEZ Gravel Bed (July 2023)





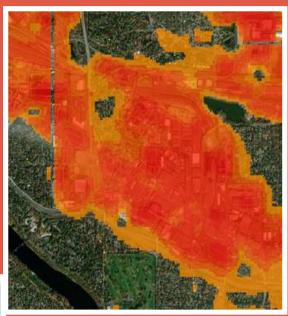
Location and Need



make a living by their creative capacities.









Project Scope

- **Expand** the Urban Tree Canopy by planting 100 trees per year in the Creative Enterprise Zone (CEZ), prioritizing public boulevard space
- Install a Gravel Bed at the CEZ headquarters
- Grow 40 bareroot trees to plant in Fall 2023
- Maintain a summer watering program to aid trees during their first 3 growing seasons
- Host a 100-Tree planting event in Fall of 2023
- *Monitor* health and maintenance needs for all trees planted through the 100 Trees initiative, providing supplemental care (pruning, staking and mulching) as necessary







Volunteers attending gravel bed installation (right top) and tree planting events in 2021

Gravel Bed Installation & Planting April 28, 2023



100 Trees Initiative Report on Year 3





Summer Watering Program May - November

AmeriCorps Members Emily and Eli with the new CEZ watering trailer (left); Trees planted as of November 2023 and their proximity to the CEZ headquarters and hydrant for re-filling the watering trailer (right)

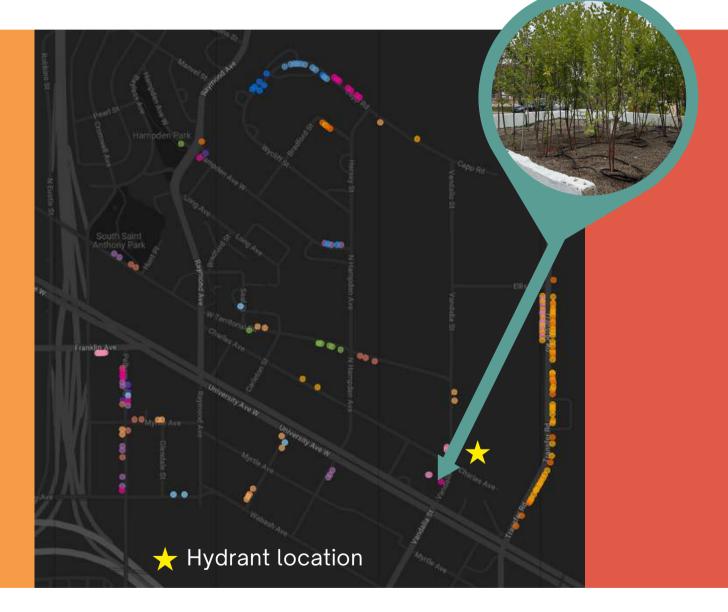


- 600-gallon watering trailer
- Weekly truck rental
- 15-gallon watering bags installed on all boulevard trees, filled weekly
- Partnership with Landbridge **Ecological for water & hydrant** access
- Two AmeriCorps Members managing routes and volunteers

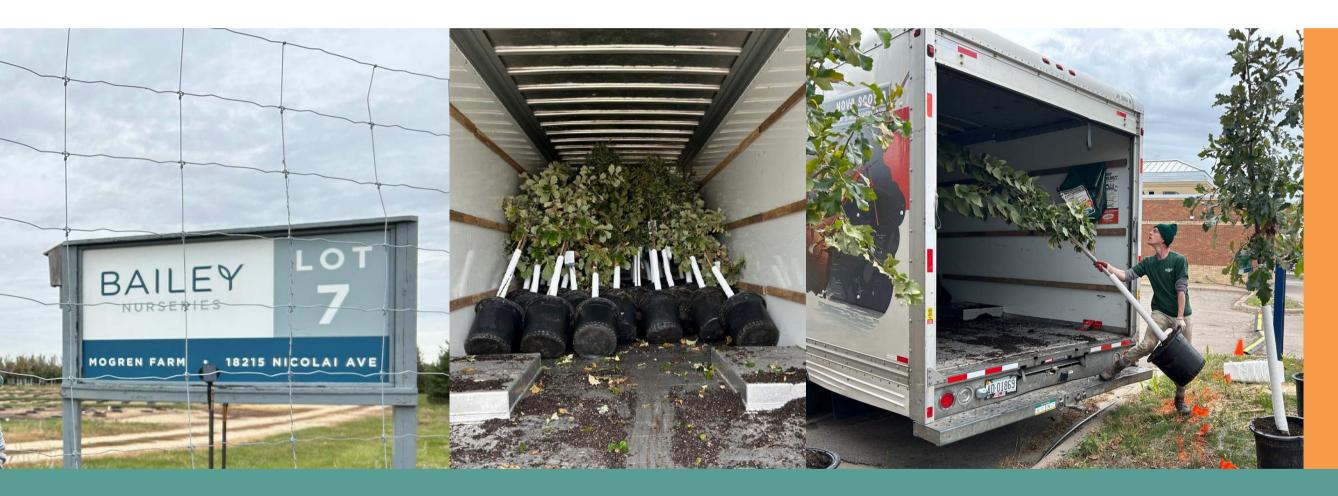








Fall Planting Pre-event



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AmeriCorps Member Peter unloads container trees (Left) to be sorted by planting location in advance of the weekend's event

Container Trees

25 Bicolor Oak 15 Prairifire Crabapple 10 Starlite Crabapple 5 Espresso Kentucky Coffeetree 5 Boulevard Linden

Fall Planting October 14-18 2023



- 60 trees planted day-of
- 40 trees planted following week
- 25 Volunteers attended

A River Birch is harvested for the planting demo (Left) AmeriCorps Member Peter leads a planting demo (Middle right)

Hydrogel is administered to protect tree roots during transport to planting location (Middle left) A Davey Tree Certified Arborist volunteers his time to coach in proper planting technique (Right)

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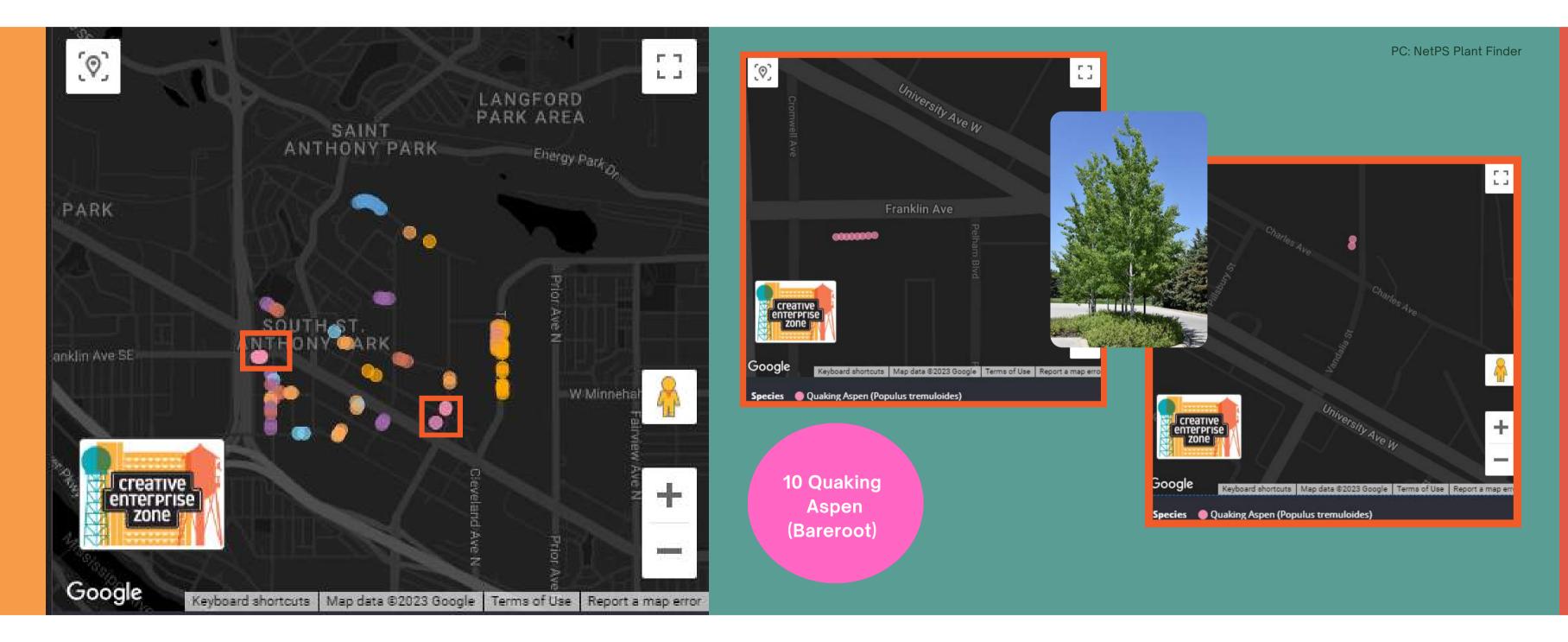


25 Bicolor Oak (Container)

15 Prairifire Crabapple (Container)

10 Starlite Crabapple (Container) 5 Espresso Kentucky Coffeetree (Container)

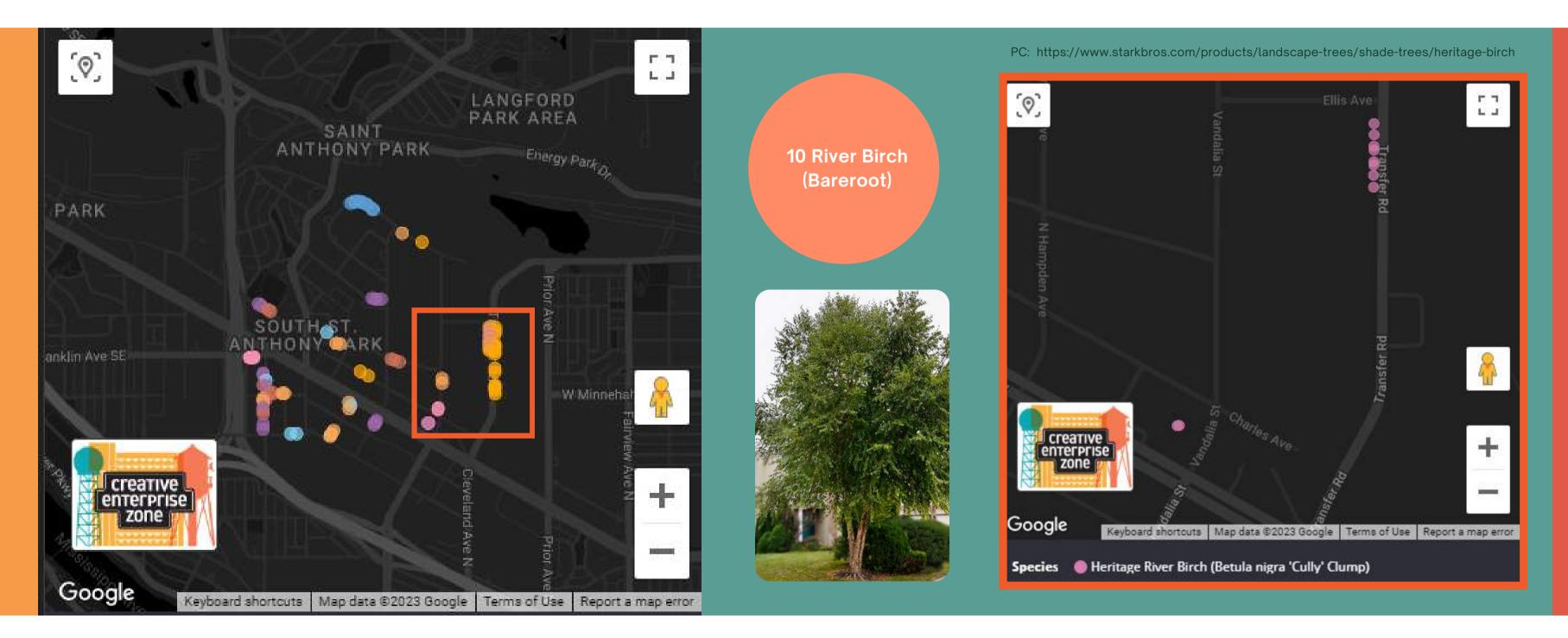
5 Boulevard Linden (Container)



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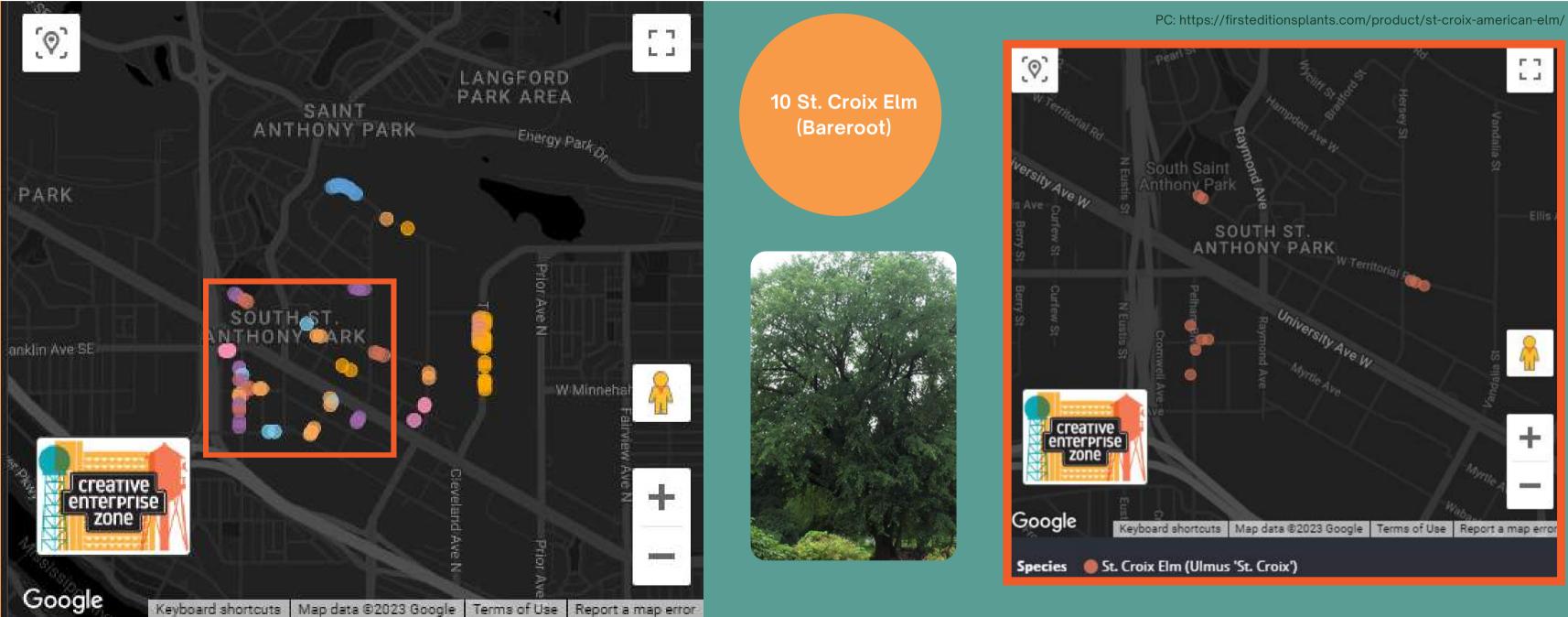




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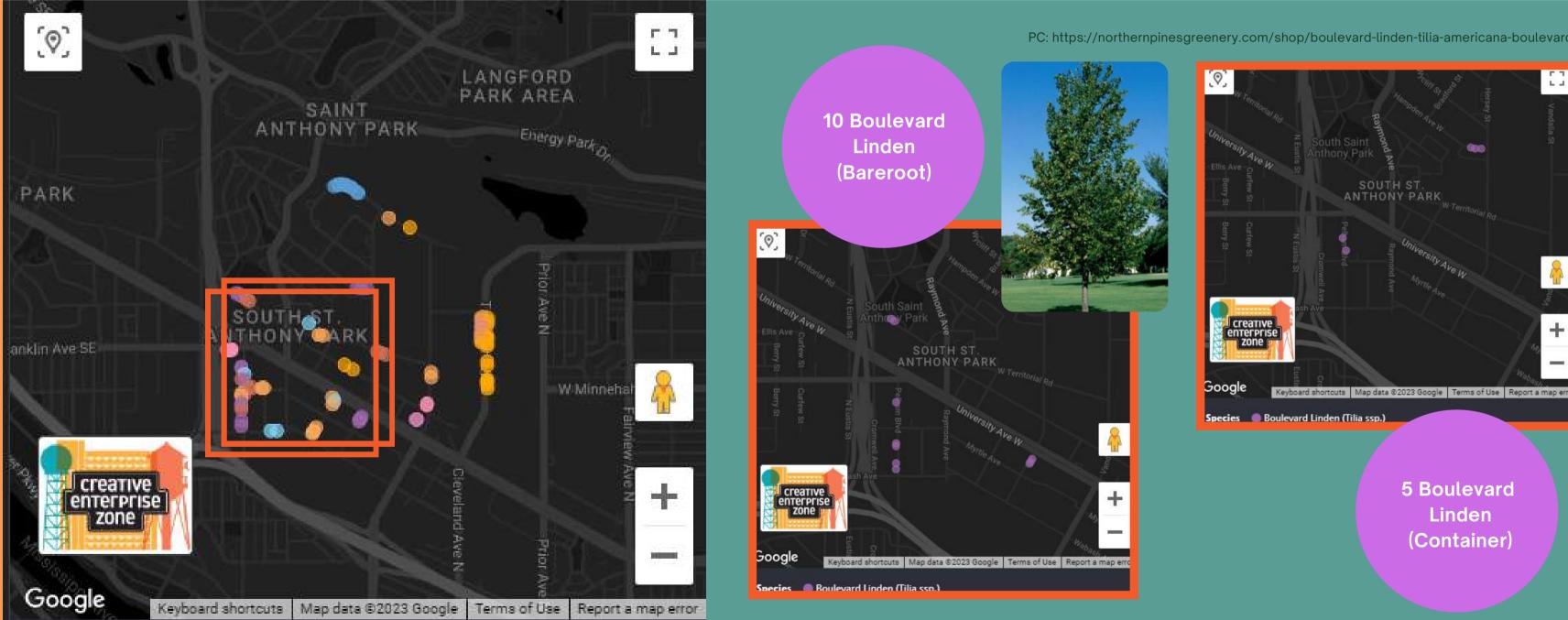


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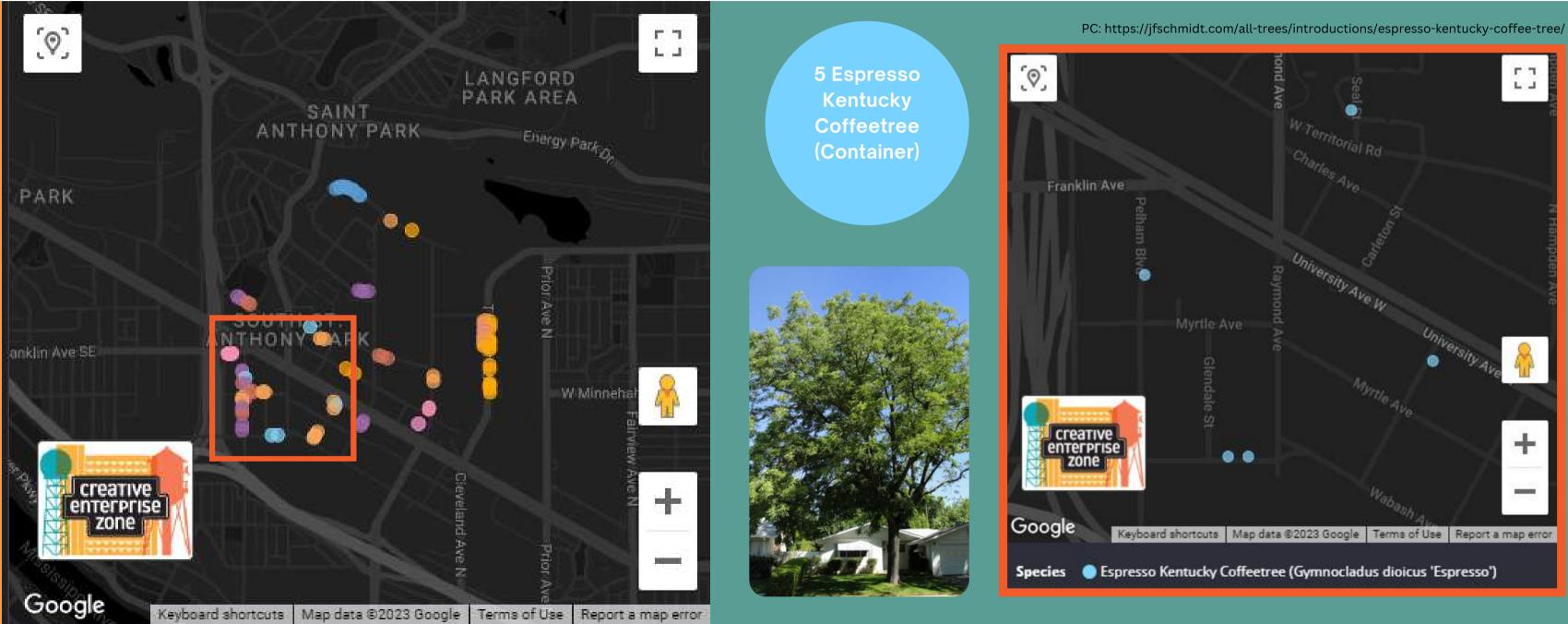




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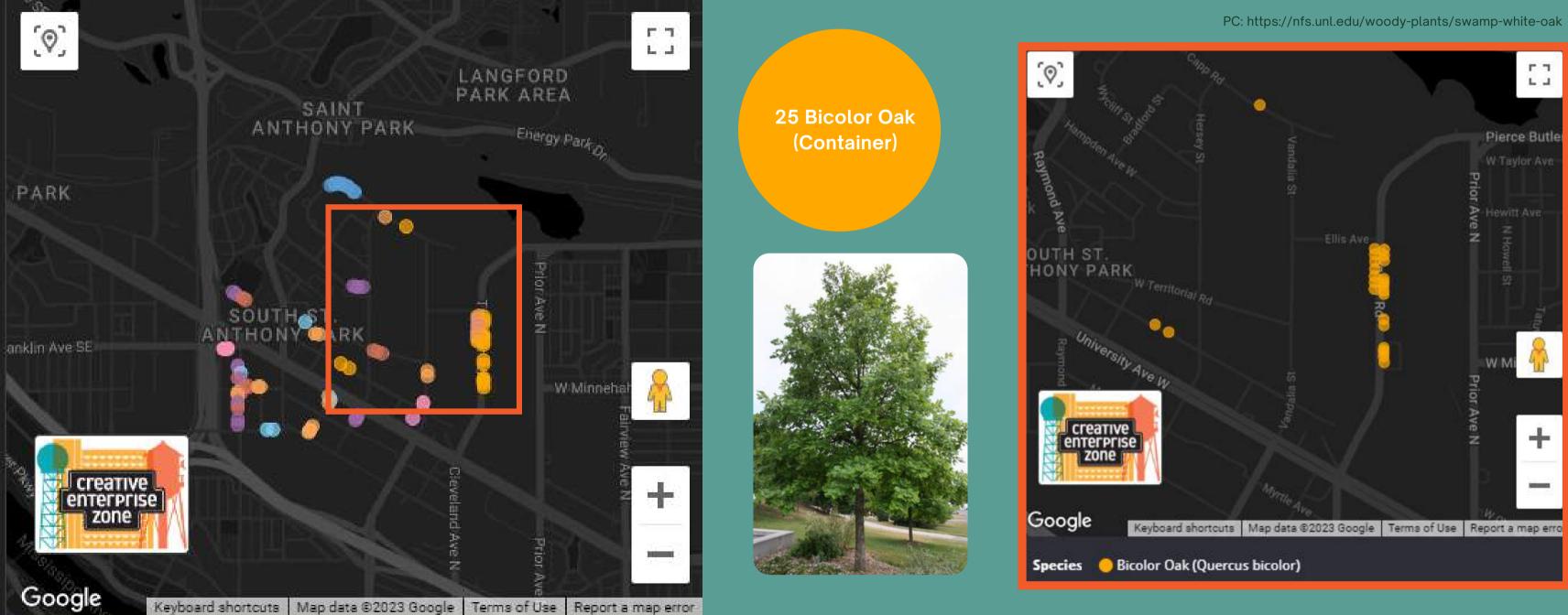
PC: https://northernpinesgreenery.com/shop/boulevard-linden-tilia-americana-boulevard/



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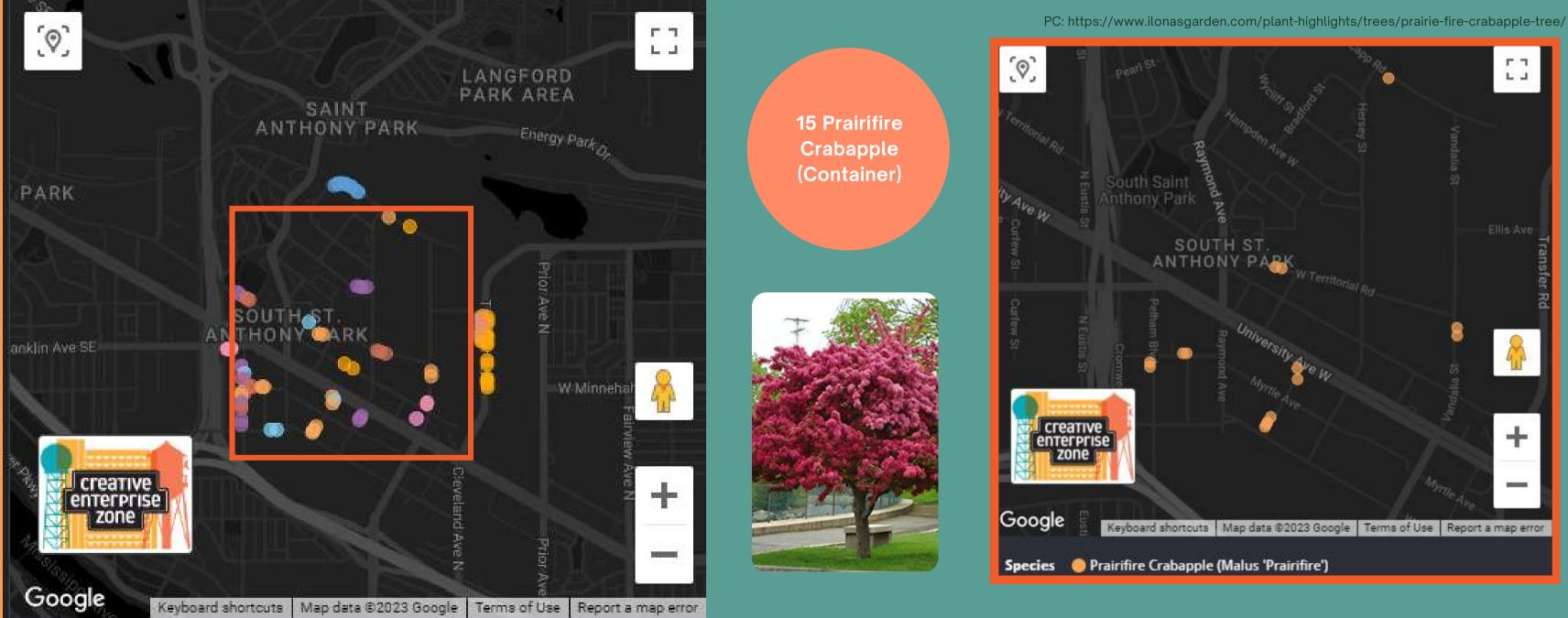




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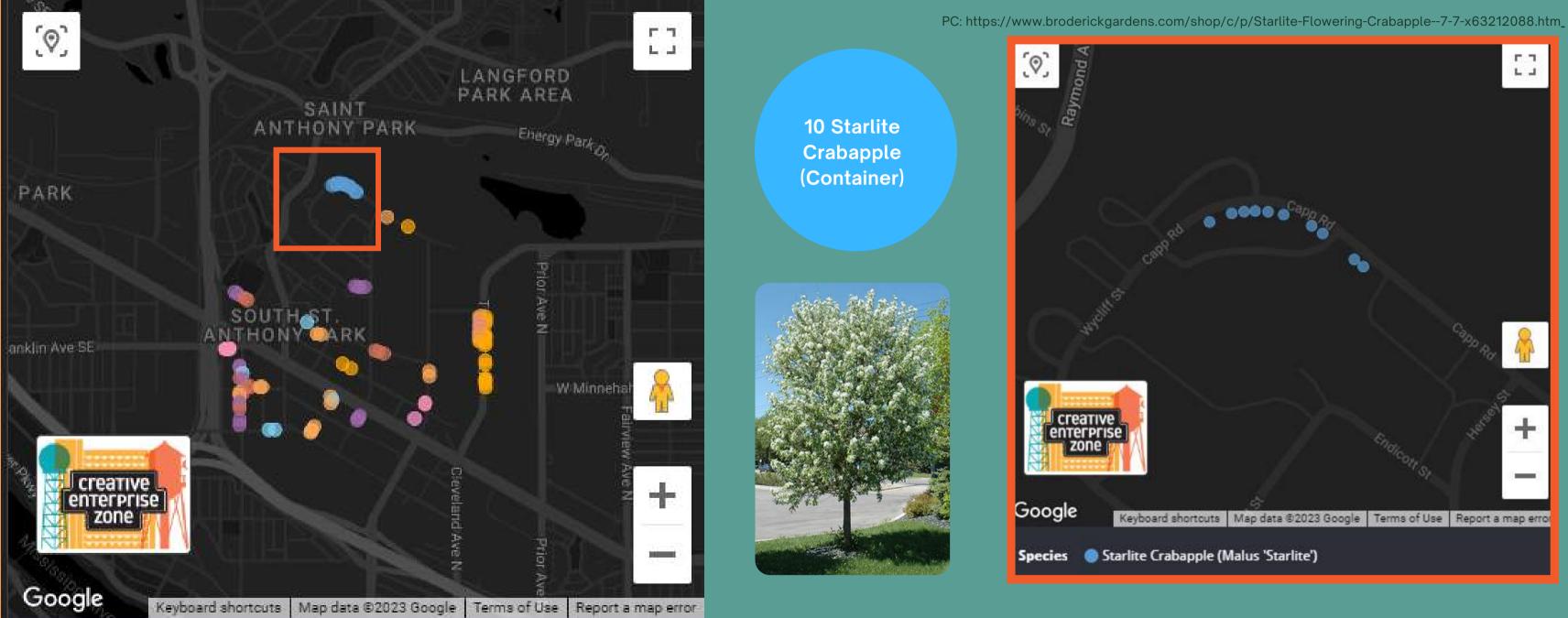




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Monitoring Program

=	<	Cancel Update Maintenance & Heath Submit
Trees Planted or Maintained		
Q. Search =		Health Update
		Date of last health check
PARK		
	290	Health (Excellent, Good, Fair, Poor)
280	Alive	Excellent
	🖉 Edit	Last updated by (name)
	Overview	
	Species Prairifire Crabapple (Malus 'Prairifire')	Mortality status
	Date Planted 10/14/2023	Alive
290	Planted By CEZ	Primary health concern
44.9610993, -93.1959164 Alive	Mortality Status Alive	- · · ·
	Type at planting Container	Trunk Damage
	Container size at planting (gallons) 10	- v
Next Water	Caliper size at planting (inches) 1.5	Visible Insect Infestation
lovember 2022	Latitude, longitude 44.9610993, -93.1959164	- v)
↔ 2022	⊕ ○ I I I I I I I I I I I I I I I I I I	Defoliation





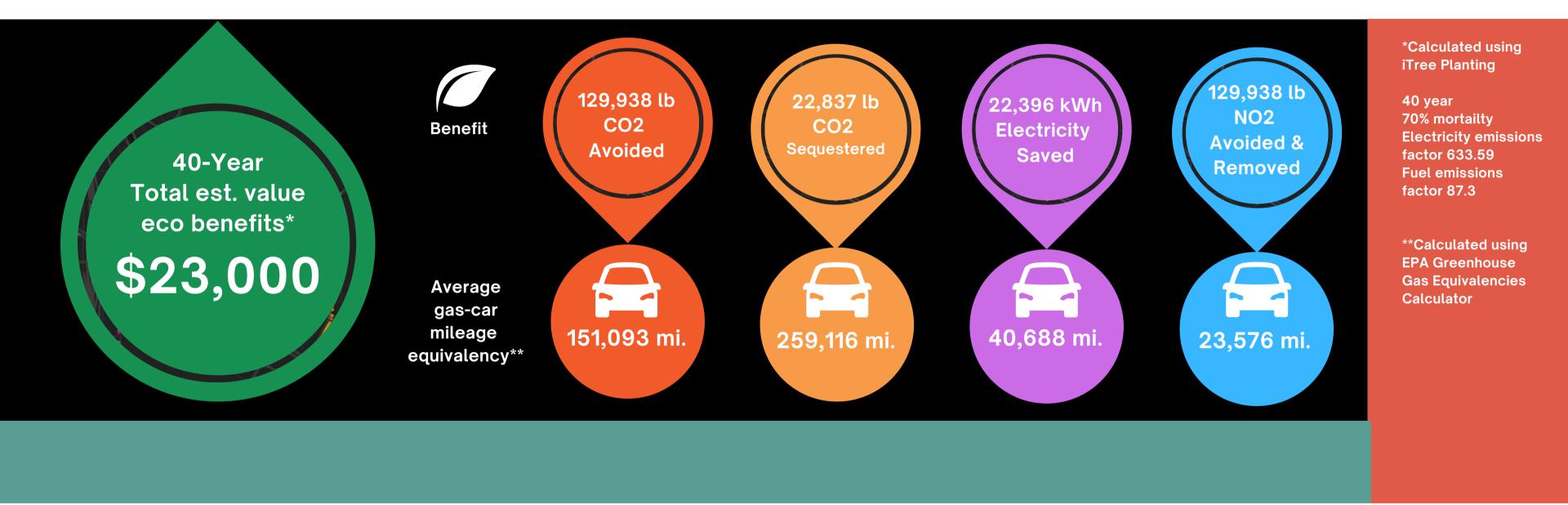


Tree health and maintenance tracking through

- Mobile Data Entry application (GlideApps)
- Data summary dashboard (LookerStudio)

Potential for "Citizen science" community involvement

Ecosystem Benefits All Trees as of 2023



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By the Numbers



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Engagement





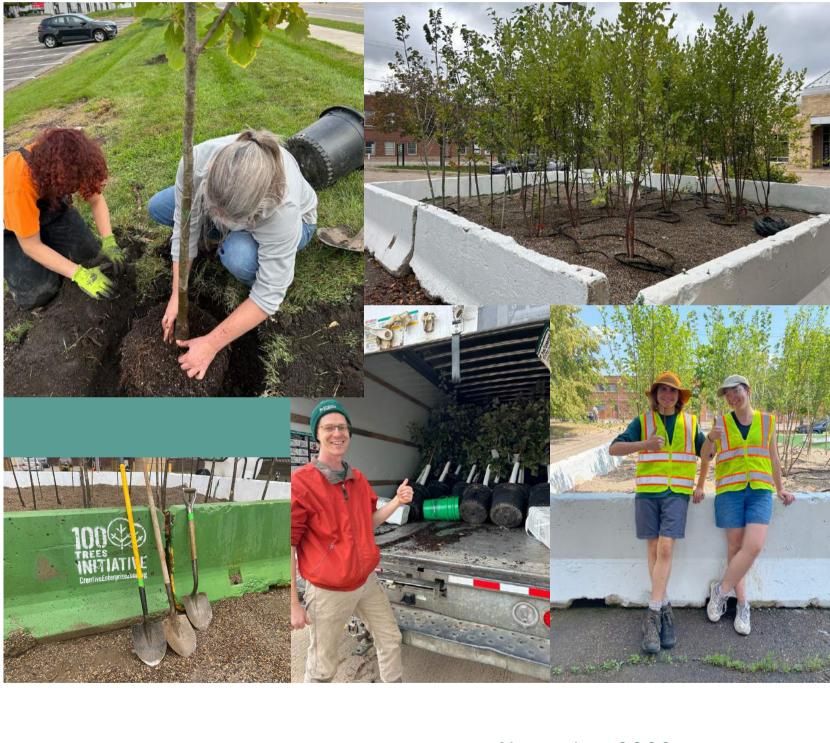


Creative Enterprise Zone and Minneapolis Downtown Improvement District AmeriCorps Members paired up to manage tree watering and tree inventory projects.



Looking Forward

- **Continue** expanding the Urban Tree Canopy by planting 100 trees per year, prioritizing public boulevard space
- Continue the summer watering program
- Prioritize trunk protection to reduce mortality due to mower and varmint damage
- Establish a volunteer-based maintenance and monitoring program
- **Partner** with local environmental organizations to help grow the urban understory and educate the community about the importance of the urban forest and its care







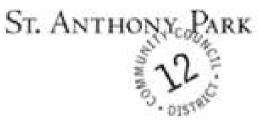
2023 Sponsors & Partners **THANK YOU!**

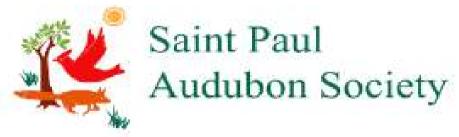






Ampact









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Transition Town -All St. Anthony Park