



# Community Forestry Project Overview



**PROJECT TITLE:** Mitigating Adverse Impacts of Heat by Planting Trees in Disadvantaged Charlotte Neighborhoods

**PROJECT TIME PERIOD:** July 1, 2025, to June 30, 2026

**CONTRACT #:** 23-054-2007



North Carolina Wildlife Federation (NCWF) and City of Charlotte Tree Canopy Program (COC) identified 3 city-owned priority areas in Charlotte, NC, where the urban tree canopy is significantly below the city average: 1712 West Trade Street, the intersection of Frazier Avenue and West Fifth Street, and 1523 Hamilton Street. Because of less shade, communities experience above average surface and air temperatures. The project goal was to expand tree canopy to increase the benefits trees provide to communities, from improving air and water quality to providing cooling shade.

We reached out to community members, mailing 500 postcards, distributing 285 door hangers, and directly speaking with 72 residents. To prepare for planting, we completed 2 site inventories (the 3rd site was previously planted), 2 tree planting maps, and post-care plans. To educate the community, we created a how-to tree planting video, which many watched, social media posts, press releases, and blogs.



A total of 83 native trees (15 gallon +) were planted in total at 2 sites by 62 community members. 16" holes were augered, and volunteers widened the holes, loosened the tree roots, added soil, tamped soil down, added 2" of compost in donuts around the trees, and added 2" of hardwood mulch past the width of the widest branches. Trees are being watered and maintained regularly.

# 1715 West Trade Street, Charlotte, NC

• April 18, 2026



- 1 Black Gum** (15 gallon / *Nyssa sylvatica* 'Green Gable')
- 1 Southern Magnolia** (25 gallon / *Magnolia grandiflora* 'Braken's Brown Beauty')
- 1 White Oak** (25 gallon / *Quercus alba*)
- 2 Sugar Maple** (25 gallon / *Acer saccharum* 'Legacy')
- 1 Sweetbay Magnolia** (15 gallon / *STD Magnolia virginiana* 'Moonglow')
- 1 American Yellowwood** (15 gallon / *Cladrastis kentuckea* 'Perkins Pink')
- 2 Serviceberry** (15 gallon / *SS Amelanchier x grandiflora* 'Autumn Brilliance')
- 2 Hawthorn** (15 gallon / *Crataegus viridis* 'Winter King')
- 2 Eastern Redbud** (25 gallon / *Cercis canadensis*)
- 2 Weeping Yaupon Holly** (15 gallon / *Ilex vomitoria*)



sugar maple



# Intersection of Frazier Avenue and Fifth, Charlotte, NC

• April 25, 2026



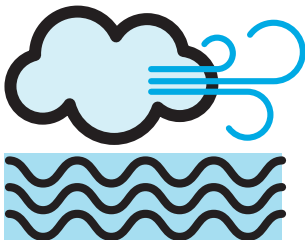
- 4 Black Gum** (15 gallon / *Nyssa sylvatica* 'Green Gable')
- 4 Southern Magnolia** (25 gallon / *Magnolia grandiflora* 'Braken's Brown Beauty')
- 3 White Oak** (25 gallon / *Quercus alba*)
- 5 American Beech** (15 gallon / *Fagus grandifolia*)
- 5 Oak** (15 gallon / *Quercus* x 'Regal Prince Oak')
- 2 River Birch** (25 gallon / *Betula nigra*)
- 8 Sugar Maple** (25 gallon / *Acer saccharum* 'Legacy')
- 5 Sweetbay Magnolia** (15 gallon / *STD Magnolia virginiana* 'Moonglow')
- 2 American Yellowwood** (15 gallon / *Cladrastis kentuckea* 'Perkins Pink')
- 8 Serviceberry** (15 gallon / *SS Amelanchier* x *grandiflora* 'Autumn Brilliance')
- 8 Hawthorn** (15 gallon / *Crataegus viridis* 'Winter King')
- 9 Eastern Redbud** (25 gallon / *Cercis canadensis*)
- 5 Weeping Yaupon Holly** (15 gallon / *Ilex vomitoria*)



# A Successful Urban and Community Forestry Project in Charlotte

- 83 beautiful large trees planted, creating new vital green spaces for the community and wildlife in 2 locations in underserved neighborhoods
- Educational signage at all 3 sites to celebrate the value and importance of trees

## BENEFITS TO ALL



Cleaner air  
and water



Space to  
recreate



Filter  
stormwater



Reduced  
pollution

## BENEFITS TO WILDLIFE



Food: seeds,  
berries, and nuts



Shelter from  
the weather



Nesting  
spots



Habitat to raise  
their young

## WILDLIFE TO EXPECT

Great horned owls,  
raccoons, moths,  
and butterflies  
like the swallowtail

*Thank you!*



GREAT HORNED OWL / KOJIHIRANO, ISTOCK



RACCOON / KAREN BRIDGES



ZEBRA SWALLOWTAIL / BUCK HORTON



**NORTH CAROLINA WILDLIFE FEDERATION** • PO Box 10626, Raleigh NC 27690-6586 • [info@ncwf.org](mailto:info@ncwf.org) • (919) 833-1923 • [www.ncwf.org](http://www.ncwf.org)  
Funding for this project provided by the Inflation Reduction Act and the USDA Forest Service, Urban and Community Forestry Program in partnership with the North Carolina Forest Service, Department of Agriculture and Consumer Services and the USDA Forest Service. This institution is an equal opportunity employer.