

GREATER BAYBROOK ALLIANCE

GBA GREEN STREETS

AWARDED AMOUNT

\$92,695.00

NUMBER OF TREES

200



PROJECT SUMMARY

This initiative will plant 5,000 linear feet of new trees across 5.6 miles of streetscape corridors in the Greater Baybrook neighborhoods of Brooklyn, Curtis Bay, and Brooklyn Park. The tree species selected for planting all a part of the Baltimore City approved Street Tree Species List and are native to the Mid-Atlantic region or the southeastern United States. As global climate change continues to warm our cities, it is anticipated that species from slightly more southern USDA Hardiness Zones will fare better and be hardier in our area over time, thus some of these species will provide long-term resiliency to our Maryland streetscapes. Additional consideration was given to including species on the Anne Arundel County Resilient Tree Species Manual and based on communications with Anne Arundel County representatives. The use of more commonly planted species which are often overplanted in Baltimore City has been reduced in favor of promoting greater biodiversity. Red Buckeye, Serviceberry, and Fringetree are specified for use in the corridors which are heavily lined with overhead utilities, and additional medium-sized trees such as Blackgum and American Hornbeam are proposed for all corridors where site constraints preclude the use of larger shade trees.

Large overstory trees are proposed to be largely comprised of oak species as these host a large percentage of lepidoptera and will promote biodiversity. Nuttall Oak and Shumard Oak have tidy, regular forms which will work well in a street tree application, paired with graceful Dutch Elm Disease-resistant varieties of American Elms. Swamp White Oak, Southern Red Oak, and Hackberry, are also proposed, which establish well in the City and are tough species for use within urban environments while providing wildlife value.

The team will perform additional ground truthing to target specific tree pit locations for new plantings that will provide the greatest socio-environmental benefits, prioritizing the most underserved sections of the corridors. Depending on tree pit availability, anticipated spacing is between 30' to 40' on center. Trees planted in open spaces can be planted 25' to 35' on center.

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