



City Forest Credits Carbon Preservation Project Application

Project Overview

1. Project Name

Davey Corporate Forest Preservation

2. Project Type

Preservation

3. Project Sites: 3 Total

Project Sites #1 & #2 are located within the city limits of Kent, Ohio and Project Site #3 is located in the unincorporated Brimfield Township. All sites are entirely within the 2010 Census—Urbanized Area Reference Map: Akron, OH. See Appendix A.

https://www2.census.gov/geo/maps/dc10map/UAUC_RefMap/ua/ua00766_akron_oh/DC10UA00766.pdf

4. Project Operator

Organization/Entity: Davey Resource Group, Inc.
Address: 295 South Water Street Suite 300
City: Kent
State: Ohio
Zip: 44240
Contact(s): TJ Mascia
Phone: 252-723-0815
Email: tj.mascia@davey.com

5. Project Description

The Davey Tree Expert Company (Davey) is an employee-owned corporation with business in the United States and Canada, providing expert services in tree care, commercial grounds, and utility and environmental consulting. As the first and largest tree care company in North America, Davey is continually committed to investing in the growth and protection of natural resources. Davey Resource Group, Inc. (DRG), a wholly owned subsidiary of Davey, is submitting this application on behalf of Davey and will serve as the Project Operator.



Since the company's inception, Davey has held education and training as a core value. Our training programs and facilities continue to grow as employee count, service diversity, and the impacts of climate change continue to expand. Davey looks forward to the opportunity to provide staff with the opportunity to receive educational insights and additional training through the protection of these parcels, as well as to provide educational opportunities to the local community through the use of interpretive signage.

As such, Davey is proud to enroll company-owned parcels in a City Forest Credits Preservation project (the Project) and plans to use the preserved tree stands for education on carbon sequestration and co-benefits of urban trees, including training and interpretive signage installation. Through this application, Davey's desire is to expose employees, clients, and our local communities to our commitment to taking positive steps for the climate and showcase the details and process of maintaining a carbon project.

Davey is a growing company with its headquarters located in Kent, Ohio. Between the years of 2010 and 2020 nationwide, Davey increased the number of employees by 2,800, and increased square footage of land for various facilities and offices by 195,594 ft² in the same timeframe. In 2019, Davey's corporate campus removed trees and broke ground on a new wing of the office complex and additional parking spaces to accommodate the support teams necessary for these additional employees. Our company has continued to grow and purchased additional properties in northeast Ohio, including Kent, for office, demonstration, and training facilities.

**Davey is proud to enroll
company-owned parcels
in a City Forest Credits
Preservation project.**

One of Davey's corporate campus neighbors, Theodore Roosevelt High School, is also growing and developing on their parcels. In 2021, Davey divided one of its parcels and sold the land to the school for their development and use. The remaining portion of that parcel will be dedicated under deed restriction for enrollment in this Project.

The City of Kent, Ohio, home of Kent State University, is growing at a rate of 0.20% and the population has increased by 3.19% over the last ten years. Due to this population increase, there has been substantial growth in new developments, downtown structures, and population.

Within our proposed parcels, the stands are being preserved to protect against development by Davey itself or through the sale and development of the parcels to the community at large. By protecting these tree stands, future employees and the greater community will continue to receive the co-benefits of these trees for years. In addition to this benefit, Davey also gains an opportunity to introduce visiting employees to the process of forest preservation through an active carbon project, educate out of state teams, and provide training and meetings on the topic of forest preservation.

The Project consists of three sites, all located on parcels privately owned by Davey. The trees on these project sites will be preserved under a deed restriction with a minimum term of 40 years. Prior to the preservation commitment, the Project trees were not preserved through a recorded encumbrance or other prohibitions on their removal. Project parcels include:

Project Site #1 | North Mantua Street

Project Site #1 is located on Davey Corporate Campus at 1500 North Mantua Street, Kent, Ohio. This Project site is within parcel 17-043-00-00-013-000.

The land use designation for Project Site #1 is industrial research and office and is not located in an overlay zone that prohibits all development. Greater than 30% of the site perimeter is surrounded by non-forest including residential, school district, agricultural, and commercial properties. This site comprises 8.491 acres of tree stands approximately 80 years old, and the stands are mostly oak (*Quercus spp.*) and hickory (*Carya spp.*)

Project Site #2 | St. Clair Avenue

Project Site #2 is located on St. Clair Avenue, Kent, Ohio. This Project site is within parcel 17-007-00-00-001-003.

The land use designation for Project Site #2 is industrial and the land is currently vacant. The Project site is not in an overlay zone that prohibits all development. Greater than 30% of the site perimeter is surrounded by non-forest including residential, industrial, and commercial properties. This site comprises 9.336 acres of tree stands with 1.983 acres at 25 years old and the remaining 7.353 acres at 55 years old, the stands are mostly oak-hickory.

Project Site #3 | Lynn Road

Project Site #3 is located on Lynn Road in Brimfield Township, Ohio. This Project site is within parcel 04-025-00-00-003-013.

The land use designation for Project Site #3 is residential—medium density and the land is currently vacant. The project site is not located in an overlay zone that prohibits all development. Greater than 30% of the site perimeter is surrounded by non-forest including residential properties and a park. This site comprises 2.262 acres of tree stands, half at 35 years old and half at 65 years old, and the stands are mostly oak-hickory.

6. Project Impacts

Tree canopies provide an array of benefits to the surrounding communities, including greenhouse gas benefits, urban heat island regulation, energy conservation, wind breaks, stormwater benefits including water infiltration and retention, wildlife habitat, and improved air quality. This Project seeks to protect each of these benefits and contribute to improved watershed health within the Cuyahoga River Area of Concern.

Under preservation status, these Project sites will continue to be a respite for Davey employees on work breaks, a safe and pleasant area for the nearby schools' cross country teams daily runs, and an area for employees to continue technical training in the safety, arboriculture, and environmental consulting curricula.

Impacts | Project Site #1

Project Site #1 is less than 0.5 miles from the Cuyahoga River. It is in the northeast side of the Fish Creek-Cuyahoga River watershed, which has "impaired" status. The watershed impairment categories include abnormal flow, bacteria and other microbes, degraded habitat, nitrogen, and/or phosphorus. Preservation of the site will help to protect and promote overall watershed health in addition to providing recreational and community benefits, including but not limited to open space protection, urban heat island reduction and wildlife habitat. These co-benefits will benefit the community at large given the site's accessibility and visibility.

Impacts | Project Site #2

Project Site #2 is approximately 500ft from Plum Creek, a tributary of the Cuyahoga River. It is located in the northern section of the City of Akron-Little Cuyahoga Watershed (HUC 04110002-03-04) which has “impaired” status. The watershed impairment categories include bacteria and other microbes, degraded habitat, and low oxygen. Preservation of the site will help to protect and promote overall watershed health in addition to providing recreational and community benefits, including but not limited to open space protection, urban heat island reduction and wildlife habitat. These co-benefits will benefit the community at large given the site's accessibility and visibility.

Impacts | Project Site #3

Project Site #3 is along the Brimfield Ditch, a tributary of Breakneck Creek. It is in the Feeder Canal-Breakneck Creek sub-watershed (HUC 04110002-02-02) which has “impaired” status. The watershed impairment categories include abnormal flow, bacteria and other microbes, degraded habitat, low oxygen, sediment, and toxic chemicals. Preservation of the site will help to protect and promote overall watershed health in addition to providing recreational and community benefits, including but not limited to open space protection, urban heat island reduction and wildlife habitat. These co-benefits will benefit the community at large given the site's accessibility and visibility.

Portions of the Cuyahoga River are designated Area of Concern within three miles of each Project site. Another goal of this Project is to protect habitat and canopy of the community and nearby Plum Creek, Breakneck Creek, and Cuyahoga River. All Project sites provide habitat for wildlife in areas bordered by mixed land use including agricultural, commercial, industrial, school, parks, and residential. The three sites also provide habitat for a variety of flora and fauna, and most importantly act as a greenway between parks or other nearby forested areas.

Bird and Wildlife Habitat | Project Site: All

All three sites are found in Portage County Ohio and within the county there are a few species of animals that are listed as endangered or threatened. These species include the Indiana Bat (*Myotis sodalis*), the Northern Long-Eared bat (*Myotis septentrionalis*), and the Little Brown Bat (*Myotis lucifugus*). Even though there have not been recent reports of these species in the project sites, all three sites have good habitat for these species. All use oak or hickory trees for maternity roosting. Preserving these habitats is critical for increasing habitat availability for these state-listed bats.

Bird and Wildlife Habitat | Project Site #1

Project Site #1 is located near the greenbelt along the Cuyahoga River and is home to a variety of flora and fauna. During our visit to prepare for carbon quantification, a Cooper's Hawk (*Accipiter cooperii*) was sighted. Flora found on site include Appalachian sedge (*Carex appalachica*), creeping clubmoss (*Lycopodium sp.*), northern spicebush (*Lindera benzoin*), Kalm's lobelia (*Lobelia kalmii*), and rambling dewberry (*Rubus vagus*). Rambling dewberry is listed as an endangered species in Ohio.

Bird and Wildlife Habitat | Project Site #2

Project Site #2 connects the canopy from the City of Kent's Plum Creek Park to a nearby industrial park and is home to a variety of flora. The site contains star sedge (*Carex echinata*) which is an endangered species in Ohio and eastern tamarack (*Larix laricina*) which is listed as a vulnerable species in Ohio. Preserving this site may lead to the increase of these rare plants, upping the diversity of habitat, and the species that dwell within them.

Bird and Wildlife Habitat | Project Site #3

Project Site #3 is in close proximity to Gougler Park within Brimfield Township. On an iNaturalist query accessed on January 20, 2022, no unique species were documented. The project area is in the Feeder-Canal-Breakneck Creek subwatershed which has "impaired" status.

7. Additional Information

Davey is a company deeply rooted in its commitment to tree care and environmental stewardship. As a part of this commitment, Davey has partnered in the development and dissemination of i-Tree since its inception and provides technical support for the software. With focus on plant health care, invasive species management, and ecological restoration, the preservation of these forest stands at our corporate campus and additional sites demonstrates our desire to preserve the local environment and live out the values of our corporate responsibility.

Signed on March 28, 2022, by T.J. Mascia, Director, Davey Mitigation, DRG.



Signature

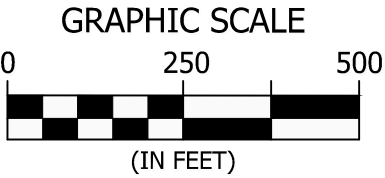
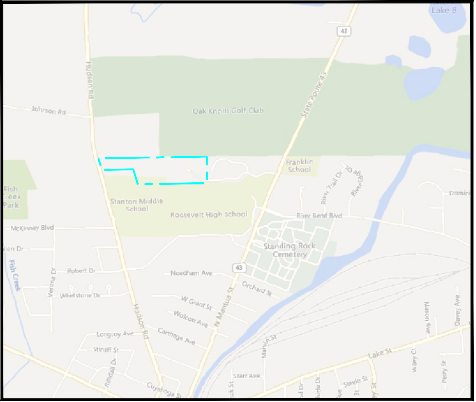
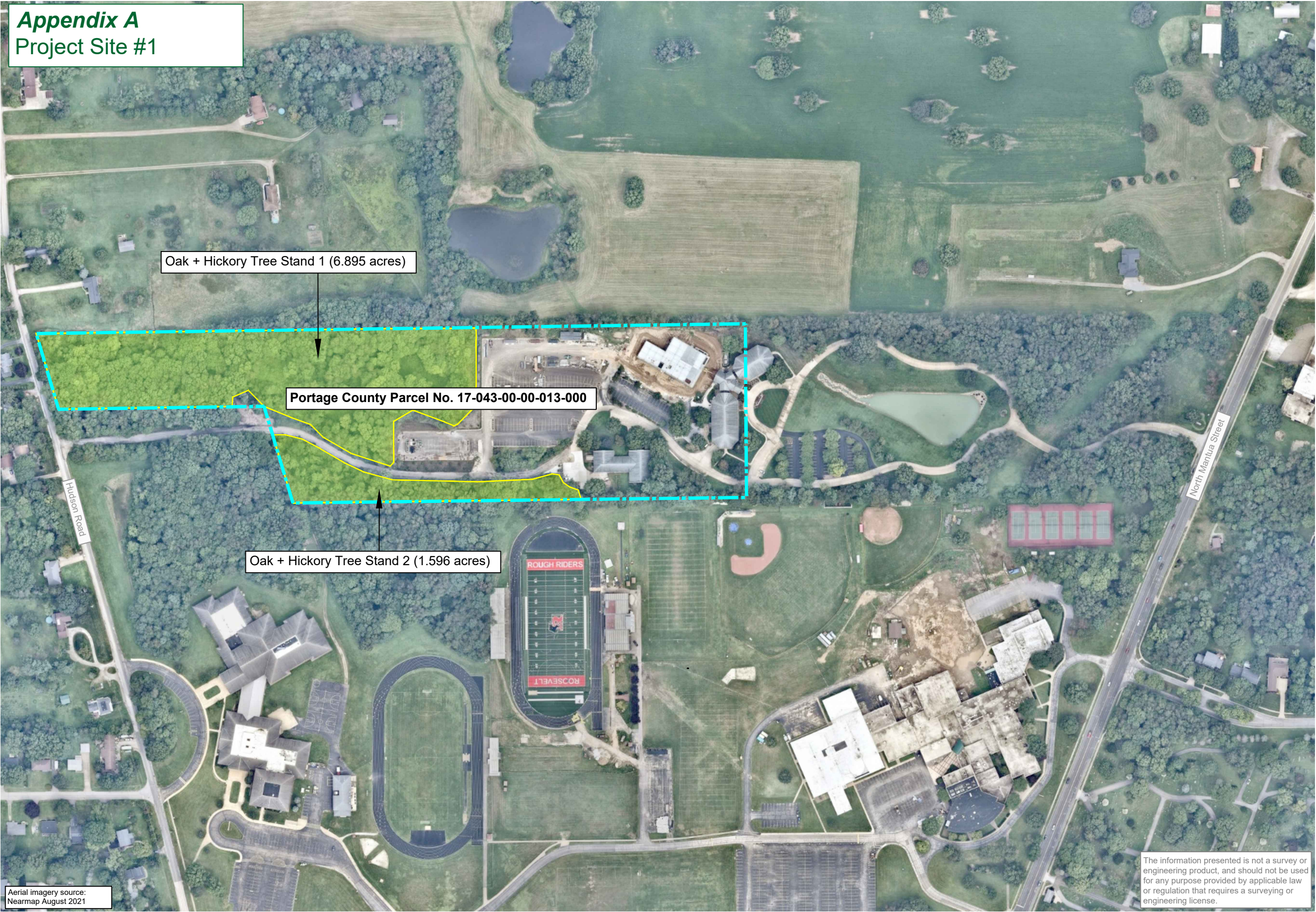
252-723-0815

Phone

TJ.Mascia@davey.com

Email

Appendix A
Project Site #1



Prepared by:

DAVEY 
Resource Group

Prepared for:

Davey Corporate
Forest Preservation

1500 N Mantua Street
Kent
Portage County, Ohio

Data used to produce
this map were collected
on December 2, 2021

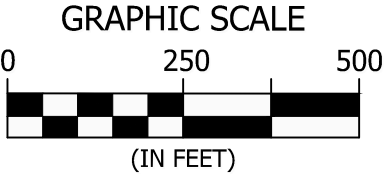
Map
Sheet **1**
of 1

Appendix A
Project Site #2



Aerial imagery source:
Nearmap August 2021

The information presented is not a survey or engineering product, and should not be used for any purpose provided by applicable law or regulation that requires a surveying or engineering license.



- = Portage County Parcels (10.278 acres total)
- = Tree Stand 1 (7.353 acres)
- = Tree Stand 2 (1.983 acres)

Prepared by:
DAVEY 
Resource Group

Prepared for:
Davey Corporate
Forest Preservation

St Clair Avenue, Kent
Portage County, Ohio

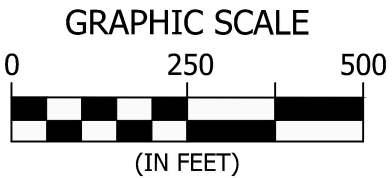
Data used to produce
this map were collected
on December 2, 2021

Appendix A
Project Site #3

Portage County Parcel No. 04-025-00-00-003-013

Aerial imagery source:
Nearmap August 2021

The information presented is not a survey or engineering product, and should not be used for any purpose provided by applicable law or regulation that requires a surveying or engineering license.



- = Portage County Parcels (2.51 acres total)
- = Oak + Hickory Tree Stands 35-65 years old (2.262 acres)

Prepared by:

DAVEY 
Resource Group

Prepared for:

Davey Corporate
Forest Preservation

Lynn Road, Kent
Portage County, Ohio

Data used to produce
this map were collected
on January 21, 2022