

January 2, 2024

Chris Brown
Prestige Builder Group, LLC
778 McCauley Rd, Ste 140
Stow, OH 44224

RE: Tree Survey – Canterbury Crossing

Dear Mr. Brown,

EnviroScience, Inc. performed a vegetation and tree survey on December 8, 2023, for the Prestige Builder Group, LLC at Canterbury Crossing project site in the City of Hudson, Summit County, Ohio. The approximate center coordinates are 41.228235°, -81.414967°. The maps provided in Appendix A depict the project area. Representative photographs of plant communities are included in Appendix B.

SITE DESCRIPTION

The study area is approximately 15.2 acres within the City of Hudson, Summit County, Ohio. The study area is located on portions of parcels 3002169, 3002375, 3003108, 3004552, 3006324, and 3010370. The survey area consists of maintained lawn, agricultural field, forest, and upland scrub-shrub communities. The surrounding land use consists of agricultural, rural residential, and undeveloped properties.

METHODS

EnviroScience biologists traversed the Study Area on foot to identify all trees with a diameter at breast height (DBH) greater than six inches. DBH was measured at 1.35m from the ground surface and was recorded to the nearest 0.1 inch. The species and location of each identified tree were recorded using a submeter-accurate GPS. No data was collected for trees with a DBH less than six inches.

Photographs were taken of each plant community, and canopy cover was visually estimated within each community for coniferous trees, deciduous trees, and woody shrubs. Representative photographs of plant communities can be found in Attachment B.

RESULTS

Tree Survey

A total of 190 trees with DBH > 6 in were identified within the project area, including 0 coniferous trees, 173 deciduous trees, and 17 standing dead trees (Figure 1). Detailed results of the tree survey are contained in Table 1.

Plant Community Survey

Vegetation density for both tree and shrub strata were recorded within each naturally vegetated area (Figure 2). Tree canopy was categorized as 'dense' if the wooded area was ≥40% cover, 'moderate' if the wooded area was 11-39% cover, and 'minimal' if the wooded area was 0-10% cover. The same categorization was utilized for shrub density. The results of the plant community survey are contained in Table 2 and summarized below:



5070 Stow Road
Stow, OH 44224

- 1.18 acres of deciduous tree-dominated plant community, including:
 - 0.78 acres with dense to moderate shrub layer and
 - 0.4 acres with minimal to no shrub layer.
- 3.55 acres with moderate deciduous tree cover, including:
 - 0.23 acres with dense to moderate shrub layer and
 - 3.32 acres with no shrub layer.
- 10.47 acres with minimal to no tree cover, including:
 - 2.44 acres with dense to moderate shrub layer and
 - 8.03 acres with minimal or no shrub layer.

Deciduous Tree Community

The dominant deciduous tree species were red maple (*Acer rubrum*) and black cherry (*Prunus serotina*). Lesser amounts of apple (*Malus* sp.), American elm (*Ulmus americana*), dead ash (*Fraxinus* sp.), Callery pear (*Pyrus calleryanus*), white oak (*Quercus alba*), black walnut (*Juglans nigra*), pin oak (*Quercus palustris*), black gum (*Nyssa sylvatica*), dead cherry (*Prunus* sp.), silver maple (*Acer saccharinum*), shagbark hickory (*Carya ovata*), dead elm (*Ulmus* sp.), honeylocust (*Gleditsia triacanthos*), and tuliptree (*Liriodendron tulipifera*). Red maple trees were common throughout the study area. Black cherry, American elm and Callery pear trees were commonly found north of Ravenna Street. White oaks were commonly found in the agricultural field south of Ravenna Street.

Shrub/Sapling Community

South of Ravenna Street, the shrub/sapling layer consisted primarily of ash saplings, with lesser amounts of the common buckthorn (*Rhamnus cathartica*), rambler rose (*Rosa multiflora*), and Allegheny blackberry (*Rubus allegheniensis*).

North of Ravenna Street, the shrub/sapling layer consisted primarily of Callery pear saplings, with lesser amounts of common buckthorn, glossy buckthorn (*Frangula alnus*), (*Viburnum dentatum*), autumn olive (*Elaeagnus umbellata*), crab apple (*Malus pumila*), young Norway spruce (*Picea abies*), and Allegheny blackberry. The young Norway spruce trees were limited to the north end of the study area.

Herbaceous Plant Community

South of Ravenna Street, the herbaceous community included mowed turf grass, reed canarygrass (*Phalaris arundinacea*), Queen Anne's lace (*Daucus carota*), poison ivy (*Toxicodendron radicans*), hemp dogbane (*Apocynum cannabinum*), creeping thistle (*Cirsium arvense*), chives (*Allium* sp.), common reed (*Phragmites australis* ssp. *australis*), calico aster (*Symphotrichum lateriflorum*), forked panicgrass (*Panicum dichotomum*), and Canada goldenrod (*Solidago canadensis*).

North of Ravenna Street, the herbaceous community included mowed turf grass, poison ivy, sheep sorrel (*Rumex acetosella*), Canadian horseweed (*Conyza canadensis*), forked panicgrass, path rush (*Juncus tenuis*), Canada goldenrod, harvestlice (*Agrimonia parviflora*), red deadnettle (*Lamium purpureum*), and American pokeweed (*Phytolacca americana*).

The remnants of a harvested soybean crop (*Glycine max*) were present within the agricultural fields on both sides of Ravenna Street, in addition to common agricultural weeds including sheep sorrel and red deadnettle.

Thank you for this opportunity to provide our services. Should you have any other questions or require additional information, please do not hesitate to contact me by phone at 330-688-0111 or by email at CKrause@EnviroScienceInc.com.

Sincerely,



Carolyn Krause
Biologist

Enclosures:

Attachment A: Figures

Figure 1: Map of Trees Over Six-Inch DBH

Figure 2: Map of Plant Communities

Attachment B: Photographs

Table 1. Trees with DBH > 6 Inches within the Survey Area

Tree No.	Scientific Name	Common Name	DBH (in)	Latitude	Longitude	Northing*	Easting*
T-1	<i>Fraxinus americana</i>	White Ash	10.5	41.231410	-81.413418	4564529.0	465352.8
T-2	<i>Pyrus calleryana</i>	Callery Pear	6.5	41.230827	-81.413407	4564464.2	465353.4
T-3	<i>Prunus serotina</i>	Black Cherry	8.0	41.230675	-81.413403	4564447.4	465353.6
T-4	<i>Malus</i> sp.	Apple	10.0	41.230428	-81.413410	4564419.9	465352.9
T-5	<i>Prunus serotina</i>	Black Cherry	19.0	41.230210	-81.414688	4564396.2	465245.6
T-6	<i>Dead Prunus</i> sp.	Dead Cherry	8.0	41.230177	-81.413413	4564392.1	465352.5
T-7	<i>Quercus palustris</i>	Pin Oak	14.0	41.230168	-81.413430	4564391.1	465351.1
T-8	<i>Malus</i> sp.	Apple	6.5	41.230129	-81.413408	4564386.7	465352.9
T-9	<i>Malus</i> sp.	Apple	10.0	41.230120	-81.413419	4564385.7	465351.9
T-10	<i>Malus</i> sp.	Apple	8.0	41.230096	-81.413423	4564383.1	465351.6
T-11	<i>Malus</i> sp.	Apple	9.0	41.230091	-81.413423	4564382.5	465351.6
T-12	<i>Prunus serotina</i>	Black Cherry	7.0	41.230076	-81.413414	4564380.8	465352.4
T-13	<i>Prunus serotina</i>	Black Cherry	7.0	41.230069	-81.413426	4564380.1	465351.4
T-14	<i>Prunus serotina</i>	Black Cherry	11.0	41.230037	-81.413424	4564376.5	465351.5
T-15	<i>Prunus serotina</i>	Black Cherry	9.0	41.230030	-81.413415	4564375.7	465352.3
T-16	<i>Malus</i> sp.	Apple	7.5	41.230014	-81.413435	4564374.0	465350.6
T-17	<i>Prunus serotina</i>	Black Cherry	10.5	41.229995	-81.413417	4564371.9	465352.1
T-18	<i>Malus</i> sp.	Apple	6.5	41.229955	-81.413435	4564367.5	465350.5
T-19	<i>Prunus serotina</i>	Black Cherry	13.5	41.229939	-81.413423	4564365.7	465351.6
T-20	<i>Malus</i> sp.	Apple	8.0	41.229886	-81.413430	4564359.8	465351.0
T-21	<i>Malus</i> sp.	Apple	10.0	41.229881	-81.413441	4564359.2	465350.1
T-22	<i>Malus</i> sp.	Apple	7.0	41.229880	-81.413439	4564359.1	465350.2
T-23	<i>Prunus serotina</i>	Black Cherry	7.5	41.229863	-81.413424	4564357.2	465351.4
T-24	<i>Prunus serotina</i>	Black Cherry	7.0	41.229853	-81.413426	4564356.1	465351.3
T-25	<i>Prunus serotina</i>	Black Cherry	7.0	41.229825	-81.413400	4564353.0	465353.4
T-26	<i>Prunus serotina</i>	Black Cherry	10.0	41.229762	-81.413432	4564346.0	465350.7
T-27	<i>Pyrus calleryana</i>	Callery Pear	19.0	41.229763	-81.418062	4564348.0	464962.6
T-28	<i>Malus</i> sp.	Apple	10.0	41.229707	-81.413432	4564339.9	465350.7
T-29	<i>Pyrus calleryana</i>	Callery Pear	16.0	41.229748	-81.417983	4564346.3	464969.3
T-30	<i>Quercus palustris</i>	Pin Oak	8.0	41.229683	-81.413426	4564337.2	465351.2
T-31	<i>Pyrus calleryana</i>	Callery Pear	14.0	41.229710	-81.417903	4564342.0	464975.9
T-32	<i>Prunus serotina</i>	Black Cherry	8.0	41.229653	-81.413420	4564333.9	465351.6
T-33	<i>Malus</i> sp.	Apple	11.0	41.229637	-81.413416	4564332.1	465352.0
T-34	<i>Prunus serotina</i>	Black Cherry	17.0	41.229609	-81.414720	4564329.6	465242.7
T-35	<i>Prunus serotina</i>	Black Cherry	29.0	41.229587	-81.414701	4564327.1	465244.2
T-36	<i>Prunus serotina</i>	Black Cherry	23.0	41.229579	-81.414732	4564326.2	465241.6
T-37	<i>Dead Fraxinus</i> sp.	Dead Ash	13.5	41.229489	-81.413302	4564315.7	465361.5
T-38	<i>Prunus serotina</i>	Black Cherry	17.0	41.229493	-81.414723	4564316.6	465242.3
T-39	<i>Dead Prunus</i> sp.	Dead Cherry	8.5	41.229478	-81.413327	4564314.5	465359.3

Tree Survey - Canterbury Crossing

Tree No.	Scientific Name	Common Name	DBH (in)	Latitude	Longitude	Northing*	Easting*
T-40	<i>Prunus serotina</i>	Black Cherry	24.0	41.229413	-81.414729	4564307.8	465241.8
T-41	<i>Ulmus americana</i>	American Elm	10.0	41.229400	-81.413391	4564305.8	465353.9
T-42	Dead <i>Ulmus</i> sp.	Dead Elm	11.0	41.229386	-81.413416	4564304.2	465351.9
T-43	<i>Malus</i> sp.	Apple	7.0	41.229179	-81.413407	4564281.3	465352.5
T-44	<i>Prunus serotina</i>	Black Cherry	10.0	41.229157	-81.413404	4564278.8	465352.8
T-45	<i>Prunus serotina</i>	Black Cherry	9.0	41.229138	-81.413415	4564276.8	465351.8
T-46	<i>Prunus serotina</i>	Black Cherry	10.0	41.229136	-81.413410	4564276.5	465352.2
T-47	<i>Prunus serotina</i>	Black Cherry	9.0	41.229044	-81.413414	4564266.3	465351.9
T-48	<i>Prunus serotina</i>	Black Cherry	9.0	41.229043	-81.413421	4564266.2	465351.3
T-49	<i>Prunus serotina</i>	Black Cherry	10.0	41.229032	-81.413425	4564264.9	465350.9
T-50	<i>Pyrus calleryana</i>	Callery Pear	17.0	41.228993	-81.413120	4564260.5	465376.4
T-51	<i>Prunus serotina</i>	Black Cherry	11.0	41.228940	-81.413240	4564254.6	465366.4
T-52	<i>Prunus serotina</i>	Black Cherry	15.5	41.228920	-81.413421	4564252.6	465351.2
T-53	<i>Prunus serotina</i>	Black Cherry	19.0	41.228892	-81.413404	4564249.4	465352.5
T-54	<i>Prunus serotina</i>	Black Cherry	11.0	41.228860	-81.413205	4564245.7	465369.3
T-55	<i>Prunus serotina</i>	Black Cherry	16.0	41.228858	-81.413418	4564245.6	465351.4
T-56	<i>Juglans nigra</i>	Black Walnut	10.0	41.228771	-81.413219	4564235.9	465368.1
T-57	<i>Juglans nigra</i>	Black Walnut	9.5	41.228770	-81.413223	4564235.8	465367.7
T-58	<i>Prunus serotina</i>	Black Cherry	9.0	41.228712	-81.413294	4564229.3	465361.7
T-59	<i>Gleditsia triacanthos</i>	Honeylocust	6.5	41.228681	-81.413412	4564226.0	465351.8
T-60	<i>Prunus serotina</i>	Black Cherry	10.6	41.228610	-81.413289	4564218.0	465362.1
T-61	<i>Prunus serotina</i>	Black Cherry	24.4	41.228610	-81.413399	4564218.1	465352.9
T-62	<i>Juglans nigra</i>	Black Walnut	10.0	41.228563	-81.413248	4564212.9	465365.5
T-63	<i>Prunus serotina</i>	Black Cherry	11.9	41.228538	-81.413407	4564210.1	465352.2
T-64	<i>Prunus serotina</i>	Black Cherry	30.1	41.228470	-81.413433	4564202.6	465349.9
T-65	<i>Prunus serotina</i>	Black Cherry	17.5	41.228428	-81.413423	4564197.9	465350.7
T-66	<i>Acer rubrum</i>	Red Maple	10.0	41.228421	-81.417149	4564198.6	465038.5
T-67	Dead <i>Fraxinus</i> sp.	Dead Ash	11.5	41.228412	-81.416976	4564197.5	465052.9
T-68	<i>Acer rubrum</i>	Red Maple	29.5	41.228413	-81.417133	4564197.7	465039.8
T-69	<i>Acer rubrum</i>	Red Maple	24.0	41.228412	-81.417175	4564197.7	465036.3
T-70	<i>Acer rubrum</i>	Red Maple	9.5	41.228394	-81.417121	4564195.6	465040.8
T-71	<i>Acer rubrum</i>	Red Maple	12.5	41.228357	-81.417114	4564191.5	465041.4
T-72	<i>Acer rubrum</i>	Red Maple	17.0	41.228351	-81.417139	4564190.8	465039.3
T-73	<i>Acer rubrum</i>	Red Maple	10.0	41.228348	-81.417125	4564190.5	465040.5
T-74	<i>Acer rubrum</i>	Red Maple	19.5	41.228326	-81.416991	4564188.0	465051.7
T-75	<i>Acer rubrum</i>	Red Maple	19.0	41.228265	-81.416884	4564181.2	465060.6
T-76	<i>Pyrus calleryana</i>	Callery Pear	6.9	41.228181	-81.413146	4564170.4	465373.9
T-77	Dead <i>Fraxinus</i> sp.	Dead Ash	17.0	41.228176	-81.416581	4564171.2	465085.9
T-78	<i>Malus</i> sp.	Apple	6.3	41.228129	-81.413457	4564164.7	465347.7
T-79	<i>Juglans nigra</i>	Black Walnut	6.6	41.228106	-81.413408	4564162.2	465351.9

Tree Survey - Canterbury Crossing

Tree No.	Scientific Name	Common Name	DBH (in)	Latitude	Longitude	Northing*	Easting*
T-80	<i>Malus</i> sp.	Apple	10.6	41.228094	-81.413464	4564160.8	465347.2
T-81	Dead <i>Fraxinus</i> sp.	Dead Ash	10.0	41.228118	-81.416518	4564164.7	465091.2
T-82	<i>Malus</i> sp.	Apple	8.1	41.228082	-81.413361	4564159.5	465355.7
T-83	<i>Acer rubrum</i>	Red Maple	18.0	41.228102	-81.416940	4564163.1	465055.8
T-84	<i>Pyrus calleryana</i>	Callery Pear	7.6	41.228049	-81.413450	4564155.9	465348.3
T-85	<i>Acer rubrum</i>	Red Maple	18.5	41.228033	-81.416796	4564155.4	465067.9
T-86	<i>Pyrus calleryana</i>	Callery Pear	9.2	41.227984	-81.413130	4564148.5	465375.1
T-87	<i>Acer rubrum</i>	Red Maple	13.5	41.228002	-81.416810	4564151.9	465066.6
T-88	<i>Ulmus americana</i>	American Elm	25.4	41.227962	-81.413398	4564146.2	465352.6
T-89	<i>Ulmus americana</i>	American Elm	29.2	41.227955	-81.413310	4564145.3	465359.9
T-90	<i>Acer rubrum</i>	Red Maple	22.0	41.227961	-81.416780	4564147.3	465069.2
T-91	<i>Nyssa sylvatica</i>	Black Gum	15.8	41.227903	-81.413159	4564139.5	465372.6
T-92	Dead <i>Fraxinus</i> sp.	Dead Ash	10.5	41.227888	-81.416554	4564139.2	465088.0
T-93	<i>Juglans nigra</i>	Black Walnut	6.3	41.227820	-81.413173	4564130.3	465371.4
T-94	Dead <i>Fraxinus</i> sp.	Dead Ash	11.0	41.227779	-81.416609	4564127.2	465083.4
T-95	<i>Acer rubrum</i>	Red Maple	15.0	41.227761	-81.416923	4564125.3	465057.1
T-96	<i>Quercus palustris</i>	Pin Oak	8.5	41.227753	-81.417053	4564124.4	465046.1
T-97	<i>Prunus serotina</i>	Black Cherry	10.0	41.227668	-81.413157	4564113.4	465372.7
T-98	<i>Acer rubrum</i>	Red Maple	15.0	41.227696	-81.417001	4564118.1	465050.5
T-99	<i>Acer rubrum</i>	Red Maple	15.0	41.227678	-81.416977	4564116.1	465052.5
T-100	<i>Acer rubrum</i>	Red Maple	21.5	41.227667	-81.416417	4564114.6	465099.4
T-101	Unknown	Unknown	25.7	41.227603	-81.413337	4564106.2	465357.5
T-102	<i>Acer rubrum</i>	Red Maple	16.0	41.227634	-81.416736	4564111.1	465072.6
T-103	<i>Acer rubrum</i>	Red Maple	26.7	41.227521	-81.413432	4564097.3	465349.5
T-104	<i>Prunus serotina</i>	Black Cherry	7.8	41.227518	-81.413391	4564096.8	465353.0
T-105	<i>Acer rubrum</i>	Red Maple	21.0	41.227542	-81.416428	4564100.8	465098.4
T-106	<i>Acer rubrum</i>	Red Maple	13.0	41.227539	-81.416985	4564100.6	465051.7
T-107	<i>Fraxinus americana</i>	White Ash	22.0	41.227504	-81.413411	4564095.3	465351.3
T-108	<i>Acer rubrum</i>	Red Maple	21.5	41.227531	-81.416517	4564099.6	465091.0
T-109	<i>Acer rubrum</i>	Red Maple	11.0	41.227497	-81.416534	4564095.8	465089.5
T-110	<i>Acer rubrum</i>	Red Maple	25.0	41.227487	-81.416582	4564094.7	465085.5
T-111	<i>Acer rubrum</i>	Red Maple	29.4	41.227376	-81.412012	4564080.5	465468.4
T-112	<i>Acer rubrum</i>	Red Maple	13.4	41.227361	-81.412048	4564078.9	465465.4
T-113	<i>Acer rubrum</i>	Red Maple	22.0	41.227402	-81.416601	4564085.3	465083.9
T-114	<i>Ulmus americana</i>	American Elm	15.7	41.227328	-81.412305	4564075.3	465443.9
T-115	<i>Ulmus americana</i>	American Elm	19.6	41.227322	-81.413358	4564075.1	465355.6
T-116	<i>Acer rubrum</i>	Red Maple	18.7	41.227305	-81.412098	4564072.7	465461.2
T-117	<i>Acer rubrum</i>	Red Maple	26.8	41.227299	-81.412197	4564072.1	465452.9
T-118	<i>Acer rubrum</i>	Red Maple	12.7	41.227262	-81.412016	4564067.9	465468.0
T-119	<i>Prunus serotina</i>	Black Cherry	14.4	41.227254	-81.411943	4564067.0	465474.1

Tree Survey - Canterbury Crossing

Tree No.	Scientific Name	Common Name	DBH (in)	Latitude	Longitude	Northing*	Easting*
T-120	<i>Acer rubrum</i>	Red Maple	25.0	41.227275	-81.416500	4564071.1	465092.2
T-121	<i>Ulmus americana</i>	American Elm	16.4	41.227223	-81.412028	4564063.5	465467.1
T-122	Dead	Dead	9.1	41.227224	-81.413164	4564064.1	465371.8
T-123	<i>Nyssa sylvatica</i>	Black Gum	15.8	41.227189	-81.412207	4564059.9	465452.0
T-124	<i>Ulmus americana</i>	American Elm	12.1	41.227183	-81.412092	4564059.1	465461.7
T-125	<i>Acer rubrum</i>	Red Maple	11.1	41.227162	-81.411557	4564056.6	465506.5
T-126	<i>Acer rubrum</i>	Red Maple	12.4	41.227127	-81.411581	4564052.8	465504.4
T-127	<i>Acer rubrum</i>	Red Maple	11.7	41.227122	-81.411569	4564052.1	465505.5
T-128	<i>Acer rubrum</i>	Red Maple	16.8	41.227118	-81.412213	4564052.0	465451.5
T-129	<i>Acer rubrum</i>	Red Maple	13.7	41.227116	-81.411988	4564051.6	465470.4
T-130	<i>Acer rubrum</i>	Red Maple	8.7	41.227111	-81.411582	4564051.0	465504.4
T-131	<i>Acer rubrum</i>	Red Maple	12.6	41.227109	-81.411590	4564050.8	465503.7
T-132	<i>Acer rubrum</i>	Red Maple	12.0	41.227114	-81.412193	4564051.6	465453.1
T-133	<i>Carya ovata</i>	Shagbark Hickory	7.0	41.227144	-81.417024	4564056.8	465048.3
T-134	<i>Ulmus americana</i>	American Elm	20.6	41.227081	-81.411786	4564047.7	465487.3
T-135	<i>Acer rubrum</i>	Red Maple	14.4	41.227046	-81.411522	4564043.8	465509.3
T-136	<i>Acer rubrum</i>	Red Maple	10.5	41.227031	-81.411936	4564042.2	465474.7
T-137	<i>Ulmus americana</i>	American Elm	19.2	41.227006	-81.411509	4564039.2	465510.4
T-138	<i>Acer rubrum</i>	Red Maple	15.8	41.227001	-81.411622	4564038.8	465501.0
T-139	<i>Acer rubrum</i>	Red Maple	23.3	41.226969	-81.411662	4564035.2	465497.6
T-140	Dead <i>Fraxinus</i> sp.	Dead Ash	15.0	41.227005	-81.416828	4564041.3	465064.6
T-141	<i>Acer rubrum</i>	Red Maple	28.3	41.226966	-81.413308	4564035.6	465359.6
T-142	<i>Acer rubrum</i>	Red Maple	14.0	41.226987	-81.417064	4564039.3	465044.8
T-143	<i>Acer rubrum</i>	Red Maple	10.4	41.226863	-81.411535	4564023.4	465508.1
T-144	<i>Acer rubrum</i>	Red Maple	8.7	41.226854	-81.413300	4564023.1	465360.3
T-145	<i>Ulmus americana</i>	American Elm	13.5	41.226844	-81.412409	4564021.6	465434.9
T-146	<i>Acer rubrum</i>	Red Maple	39.2	41.226818	-81.411594	4564018.4	465503.2
T-147	<i>Ulmus americana</i>	American Elm	30.2	41.226770	-81.411720	4564013.1	465492.6
T-148	<i>Acer rubrum</i>	Red Maple	16.0	41.226770	-81.417040	4564015.3	465046.7
T-149	<i>Acer rubrum</i>	Red Maple	37.3	41.226713	-81.411915	4564006.9	465476.2
T-150	<i>Acer rubrum</i>	Red Maple	6.9	41.226699	-81.411868	4564005.3	465480.2
T-151	<i>Acer rubrum</i>	Red Maple	13.7	41.226671	-81.411592	4564002.1	465503.3
T-152	<i>Acer rubrum</i>	Red Maple	29.9	41.226669	-81.411851	4564002.0	465481.6
T-153	<i>Liriodendron tulipifera</i>	Tuliptree	12.0	41.226707	-81.417127	4564008.3	465039.4
T-154	<i>Acer rubrum</i>	Red Maple	22.2	41.226636	-81.411777	4563998.3	465487.8
T-155	<i>Acer rubrum</i>	Red Maple	16.0	41.226627	-81.411773	4563997.3	465488.1
T-156	<i>Ulmus americana</i>	American Elm	21.3	41.226582	-81.412636	4563992.6	465415.8
T-157	<i>Fraxinus americana</i>	White Ash	9.7	41.226548	-81.412143	4563988.7	465457.1

Tree Survey - Canterbury Crossing

Tree No.	Scientific Name	Common Name	DBH (in)	Latitude	Longitude	Northing*	Easting*
T-158	<i>Acer rubrum</i>	Red Maple	13.3	41.226501	-81.411860	4563983.3	465480.8
T-159	<i>Acer rubrum</i>	Red Maple	16.6	41.226498	-81.411897	4563983.1	465477.6
T-160	<i>Acer rubrum</i>	Red Maple	9.1	41.226480	-81.412255	4563981.1	465447.6
T-161	<i>Acer saccharinum</i>	Silver Maple	14.3	41.226471	-81.411657	4563980.0	465497.7
T-162	<i>Ulmus americana</i>	American Elm	20.7	41.226421	-81.411811	4563974.4	465484.8
T-163	<i>Acer rubrum</i>	Red Maple	25.6	41.226410	-81.411607	4563973.1	465501.9
T-164	<i>Ulmus americana</i>	American Elm	20.9	41.226417	-81.412441	4563974.2	465432.0
T-165	<i>Acer rubrum</i>	Red Maple	20.8	41.226406	-81.412149	4563973.0	465456.5
T-166	<i>Acer rubrum</i>	Red Maple	18.1	41.226387	-81.411701	4563970.6	465494.0
T-167	<i>Acer rubrum</i>	Red Maple	25.6	41.226382	-81.411687	4563970.1	465495.2
T-168	<i>Acer rubrum</i>	Red Maple	19.6	41.226370	-81.411797	4563968.8	465485.9
T-169	<i>Malus</i> sp.	Apple	7.4	41.226337	-81.411941	4563965.2	465473.8
T-170	Dead <i>Fraxinus</i> sp.	Dead Ash	16.0	41.226366	-81.415947	4563970.0	465138.1
T-171	<i>Acer rubrum</i>	Red Maple	25.6	41.226327	-81.412140	4563964.1	465457.2
T-172	<i>Acer rubrum</i>	Red Maple	30.8	41.226250	-81.412021	4563955.5	465467.1
T-173	Dead <i>Fraxinus</i> sp.	Dead Ash	17.0	41.226257	-81.415884	4563957.9	465143.3
T-174	<i>Ulmus americana</i>	American Elm	23.2	41.226196	-81.411440	4563949.3	465515.8
T-175	Dead <i>Fraxinus</i> sp.	Dead Ash	17.0	41.226231	-81.415847	4563955.0	465146.4
T-176	<i>Acer rubrum</i>	Red Maple	26.4	41.226190	-81.411631	4563948.8	465499.8
T-177	<i>Acer rubrum</i>	Red Maple	10.7	41.226169	-81.411603	4563946.4	465502.1
T-178	<i>Quercus alba</i>	White Oak	50.0	41.226116	-81.416780	4563942.6	465068.2
T-179	<i>Quercus alba</i>	White Oak	17.5	41.226084	-81.415680	4563938.5	465160.4
T-180	<i>Acer rubrum</i>	Red Maple	33.0	41.225968	-81.416529	4563926.0	465089.1
T-181	<i>Quercus alba</i>	White Oak	13.0	41.225861	-81.415681	4563913.8	465160.1
T-182	Dead <i>Fraxinus</i> sp.	Dead Ash	15.0	41.225848	-81.415670	4563912.3	465161.0
T-183	Dead <i>Fraxinus</i> sp.	Dead Ash	12.0	41.225840	-81.415509	4563911.4	465174.5
T-184	Dead	Dead	14.0	41.225764	-81.415109	4563902.8	465208.1
T-185	<i>Quercus alba</i>	White Oak	50.0	41.225654	-81.415329	4563890.7	465189.5
T-186	<i>Acer rubrum</i>	Red Maple	13.0	41.225647	-81.416261	4563890.3	465111.4
T-187	<i>Acer rubrum</i>	Red Maple	25.5	41.225588	-81.415773	4563883.6	465152.3
T-188	<i>Quercus alba</i>	White Oak	19.5	41.225547	-81.415979	4563879.0	465135.0
T-189	<i>Quercus alba</i>	White Oak	15.0	41.225524	-81.415990	4563876.5	465134.0
T-190	<i>Quercus alba</i>	White Oak	13.5	41.225505	-81.415972	4563874.5	465135.6

*Northing/Easting: UTM 17N, NAD83 (meters).

Table 2. Plant Communities within the Project Area

Community Type	Coniferous Tree Cover	Deciduous Tree Cover	Shrub/Sapling Cover	Acres in Study Area	Percent of Study Area
Deciduous tree dominated with dense shrub layer	0	90	90	0.10	0.6
	0	70	90	0.31	2.0
	0	60	90	0.03	0.2
	0	60	90	0.06	0.4
	0	40	90	0.10	0.6
	0	40	70	0.16	1.0
Deciduous tree dominated with moderate shrub layer	0	70	20	0.04	0.2
Deciduous tree dominated	0	60	1	0.15	1.0
	0	90	0	0.04	0.3
	0	50	0	0.02	0.1
	0	50	0	0.12	0.8
	0	40	0	0.06	0.4
Moderate deciduous tree cover with dense shrub layer	0	25	70	0.20	1.3
Moderate deciduous tree cover with moderate shrub layer	0	20	30	0.04	0.3
Moderate deciduous tree cover	0	20	0	0.17	1.1
	0	20	0	2.32	15.3
	0	15	0	0.83	5.4
Minimal deciduous tree cover with dense shrub layer	0	10	95	0.02	0.1
	0	10	95	0.11	0.7
	0	10	80	0.08	0.5
	0	5	90	0.09	0.6
	0	5	90	0.50	3.3
	0	5	70	0.03	0.2
	0	1	50	0.47	3.1
	0	0	90	0.08	0.5
	0	0	90	1.05	6.9
Moderate shrub layer	0	0	25	0.02	0.2
Open area with minimal deciduous tree cover and shrub layer	0	1	5	0.51	3.3
Open area with minimal deciduous tree cover	0	5	0	0.28	1.8
	0	5	0	2.11	13.8
	0	1	0	0.63	4.2
Open area	0	0	0	0.09	0.6
	0	0	0	0.14	0.9
	0	0	0	0.46	3.0
	0	0	0	1.02	6.7
	0	0	0	2.80	18.4
Total Deciduous Tree Dominated (≥40% Cover) Area				1.18 Ac.	7.8%
Total Moderate Deciduous Tree Cover (11-39% Cover) Area				3.55 Ac.	23.4%
Total Minimal Deciduous Tree Cover (0-10% Cover) Area				5.95 Ac.	39.1%
Total Dense Shrub Layer (≥40% Cover) Area				3.37 Ac.	22.1%
Total Moderate Shrub Layer (11-39% Cover) Area				0.10 Ac.	0.7%
Total Minimal Shrub Layer (1-10% Cover) Area				3.68 Ac.	24.2%
Total Open Area				8.03	52.8%

*Photos are located in Appendix B.

Attachment A: Figures



Figure 1.
Overview of Canterbury
Crossing Tree Survey, Hudson,
Summit County, Ohio

 Survey Area

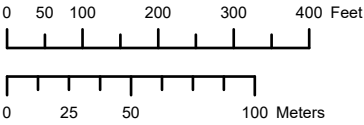




Figure 1.01. Map of Trees with DBH of Six Inches or More.
Canterbury Crossing Tree Survey, Hudson, Summit County, Ohio



▲ Dead ▲ Deciduous Survey Area

1.01

0 20 40 80 120 Feet

0 10 20 40 Meters



Date: 12/18/2023 Path: P:\10_Projects\IP\Prestige_Builder_Group\470N\18825_Hudson_Tree_Survey_Canterbury_Crossing\GIS\Hudson_Tree_Survey.aprx

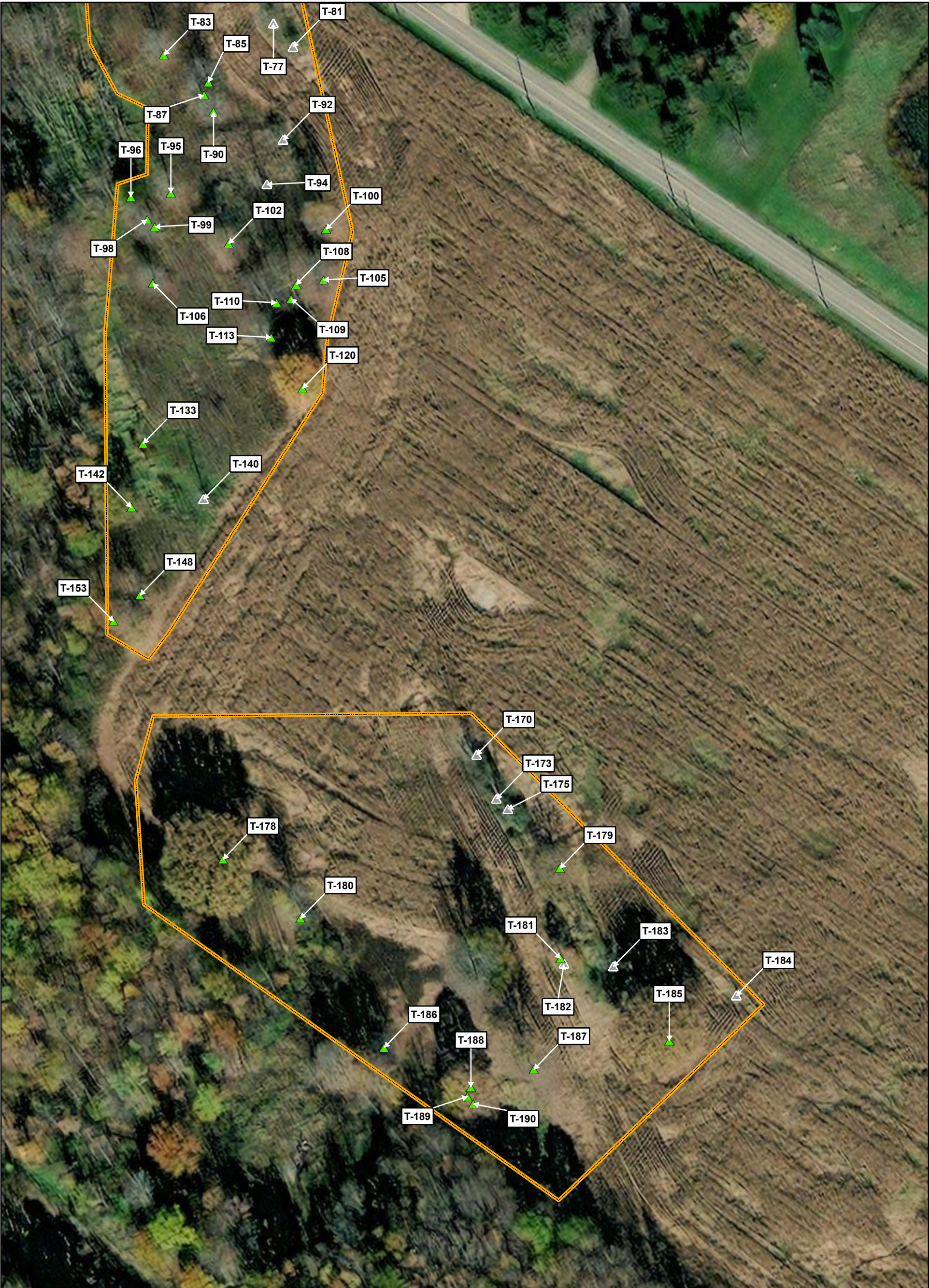


Figure 1.02. Map of Trees with DBH of Six Inches or More.
Canterbury Crossing Tree Survey, Hudson, Summit County, Ohio

▲ Dead ▲ Deciduous Survey Area

0 20 40 80 120 Feet

0 10 20 40 Meters



1.02

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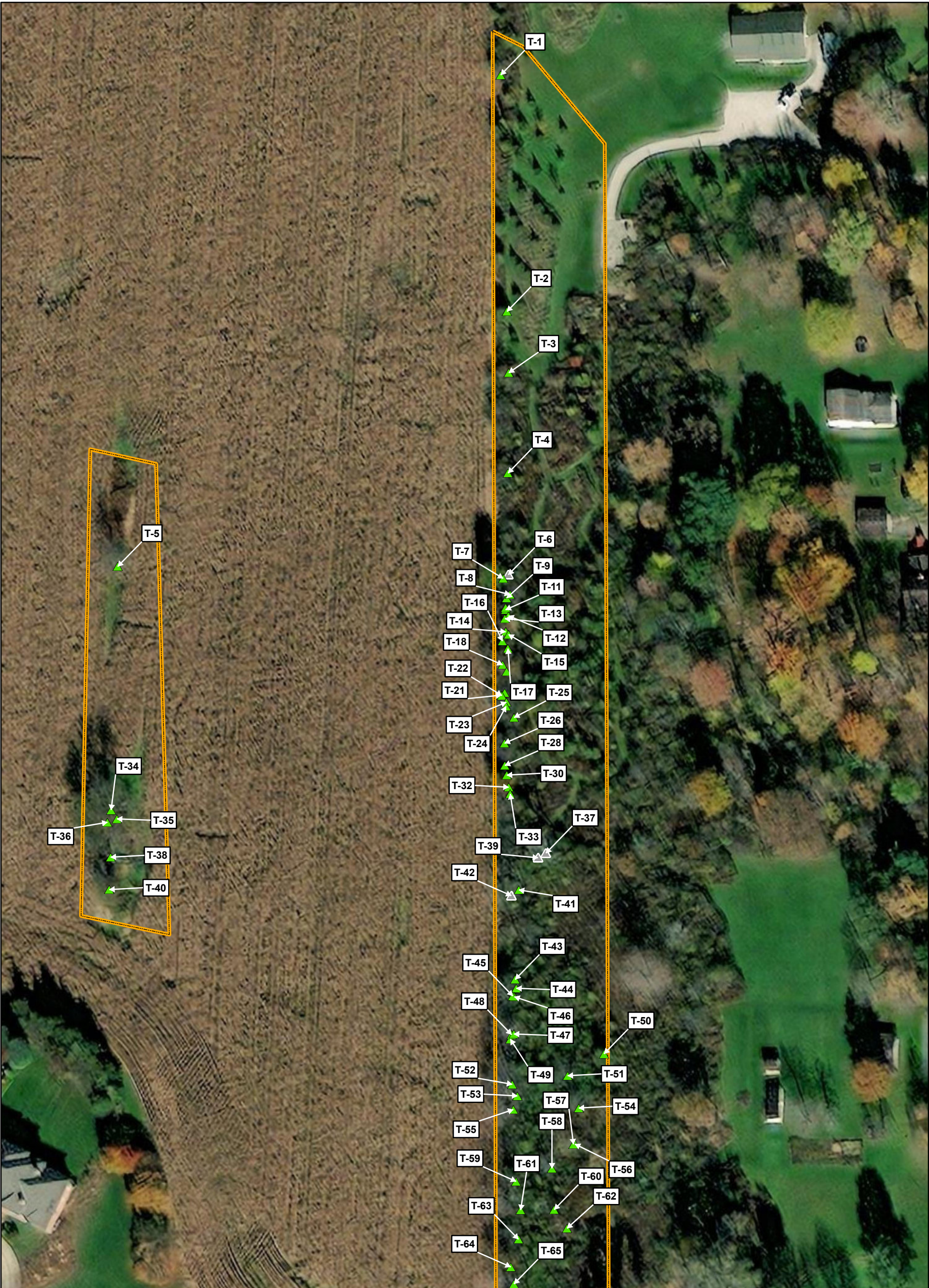


Figure 1.03. Map of Trees with DBH of Six Inches or More.
Canterbury Crossing Tree Survey, Hudson, Summit County, Ohio

▲ Dead ▲ Deciduous Survey Area

0 20 40 80 120 Feet

0 10 20 40 Meters



1.03

Date: 12/18/2023 Path: P:\10_Projects\IP\Prestige_Builder_Group\470NR\18825_Hudson_Tree_Survey_Canterbury_Crossing\GIS\Hudson_Tree_Survey.aprx



Figure 1.04. Map of Trees with DBH of Six Inches or More.
Canterbury Crossing Tree Survey, Hudson, Summit County, Ohio

▲ Dead ▲ Deciduous Survey Area

0 20 40 80 120 Feet

0 10 20 40 Meters



1.04





Figure 2.
Overview of Canterbury
Crossing Tree Survey, Hudson,
Summit County, Ohio

 Survey Area

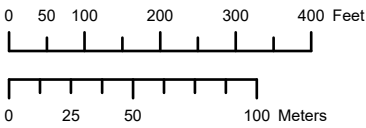




Figure 2.01. Map of Plant Communities. Canterbury Crossing Tree Survey, Hudson, Summit County, Ohio

- | | | |
|-------------|---------------------|---------|
| ▲ Dead | Percent Shrub Cover | 31 - 50 |
| ▲ Deciduous | 1 - 5 | 51 - 80 |
| Survey Area | 6 - 30 | 81 - 95 |

0 20 40 80 120 Feet

0 10 20 40 Meters



2.01

Date: 12/18/2023 Path: P:\10_Projects\IP\Prestige_Builder_Group\470N\18825_Hudson_Tree_Survey_Canterbury_Crossing\GIS\Hudson_Tree_Survey.aprx



Figure 2.02. Map of Plant Communities. Canterbury Crossing Tree Survey, Hudson, Summit County, Ohio

- | | | |
|-------------|---------------------|---------|
| ▲ Dead | Percent Shrub Cover | 31 - 50 |
| ▲ Deciduous | 1 - 5 | 51 - 80 |
| Survey Area | 6 - 30 | 81 - 95 |

0 20 40 80 120 Feet

0 10 20 40 Meters



2.02

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Figure 2.03. Map of Plant Communities. Canterbury Crossing Tree Survey, Hudson, Summit County, Ohio

- | | | |
|-------------|---------------------|---------|
| ▲ Dead | Percent Shrub Cover | 31 - 50 |
| ▲ Deciduous | 1 - 5 | 51 - 80 |
| Survey Area | 6 - 30 | 81 - 95 |

0 20 40 80 120 Feet

0 10 20 40 Meters



2.03

Date: 12/18/2023 Path: P:\10_Projects\IP\Prestige_Builder_Group\470NR\18825_Hudson_Tree_Survey_Canterbury_Crossing\GIS\Hudson_Tree_Survey.aprx



Figure 2.04. Map of Plant Communities. Canterbury Crossing Tree Survey, Hudson, Summit County, Ohio

- | | | |
|-------------|---------------------|---------|
| ▲ Dead | Percent Shrub Cover | 31 - 50 |
| ▲ Deciduous | 1 - 5 | 51 - 80 |
| Survey Area | 6 - 30 | 81 - 95 |

0 20 40 80 120 Feet

0 10 20 40 Meters



2.04

Attachment B: Photographs

*Tree Survey – Canterbury Crossing
Photographed December 8, 2023*



Photo 1. Typical mowed turf (foreground), agricultural field (middle), and area with moderate tree cover and dense shrub layer (distance) within the study area, south of Ravenna Street.



Photo 2. Callery pear trees over maintained lawn, on edge of agricultural field. At west end of study area, north of Ravenna Street.

*Tree Survey – Canterbury Crossing
Photographed December 8, 2023*



Photo 3. Typical dense shrub/sapling layer (ash saplings) south of Ravenna Street.



Photo 4. Typical dense shrub/sapling layer (buckthorns and Callery pear) within the project area, north of Ravenna Street.

*Tree Survey – Canterbury Crossing
Photographed December 8, 2023*



Photo 5. Area of young Norway spruce surrounded by mowed turf, at north end of study area.



Photo 6. Typical open area with minimal tree cover (primarily red maple) over mowed turf, northwest of the intersection of Ravenna Street and Stow Road.