



MEMORANDUM

DATE: October 25, 2021
 TO: Christina Alexander, CFM, City of Fairfax
 FROM: JMT – Natural & Cultural Resources
 PROJECT: Pickett Trail Connector (UPC 115547)
 JMT JOB NO.: 17-0642-0005
 RE: Trees Within Cut/Fill Limits of Trail

JMT Natural & Cultural Resources scientists conducted a tree survey for the Pickett Trail Connector study area on June 26, 2020 and April 7, 2021. The survey identified all trees with a diameter at breast height (DBH) of 5 inches or greater. The species, size, and condition of each of the 170 trees identified were recorded, and the locations were surveyed with a hand-held Trimble Global Positioning System (GPS).

A total of 170 trees were found, with 49 of them within the cut/fill limits of the trail, and 28 within three feet of the proposed trail’s surface, which includes the asphalt pavement, the boardwalk, and the two bridges (**Figure 1**). The trees within the cut/fill (i.e. limit of disturbance) are in Table 1, and the remaining trees within the Study Area, excluding those in the cut/fill, are in Table 2. All trees with trunks within 3 feet of the proposed trail may have to be removed to allow for trail construction and maintenance activities.

Table 1: Trees within the Cut/Fill Limits

Tree No.	DBH (inches)	Common Name	Scientific Name	Condition	Comments
T-009	14	Red maple	<i>Acer rubrum</i>	Good	Trunk is in or within 3 feet of trail surface.
T-011	19	Black locust	<i>Robinia pseudoacacia</i>	Poor	Heavy Vines, Trunk is in or within 3 feet of trail surface.
T-018	22	Green ash	<i>Fraxinus pennsylvanica</i>	Poor	Trunk is in or within 3 feet of trail surface.
T-022	28	Red maple	<i>Acer rubrum</i>	Good	
T-026	12	American hornbeam	<i>Carpinus caroliniana</i>	Good	Trunk is in or within 3 feet of trail surface.
T-027	12	American hornbeam	<i>Carpinus caroliniana</i>	Good	Trunk is in or within 3 feet of trail surface.
T-033	30	White oak	<i>Quercus alba</i>	Good	Trunk is in or within 3 feet of trail surface.
T-034	12	Red maple	<i>Acer rubrum</i>	Good	Trunk is in or within 3 feet of trail surface.
T-035	14.5	Tulip poplar	<i>Liriodendron tulipifera</i>	Good	Trunk is in or within 3 feet of trail surface.
T-043	13	Red maple	<i>Acer rubrum</i>	Good	



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Tree No.	DBH (inches)	Common Name	Scientific Name	Condition	Comments
T-044	17.5	Tulip poplar	<i>Liriodendron tulipifera</i>	Good	Trunk is in or within 3 feet of trail surface.
T-045	16.5	Tulip poplar	<i>Liriodendron tulipifera</i>	Good	Trunk is in or within 3 feet of trail surface.
T-046	23	Tulip poplar	<i>Liriodendron tulipifera</i>	Good	Trunk is in or within 3 feet of trail surface..
T-052	17.5	Red maple	<i>Acer rubrum</i>	Good	Trunk is in or within 3 feet of trail surface.
T-053	18	American sycamore	<i>Platanus occidentalis</i>	Good	
T-074	17	Red maple	<i>Acer rubrum</i>	Good	
T-076	22	Silver maple	<i>Acer saccharinum</i>	Good	
T-077	23	Silver maple	<i>Acer saccharinum</i>	Good	
T-080	42	Silver maple	<i>Acer saccharinum</i>	Good	
T-081	13.5	Red maple	<i>Acer rubrum</i>	Good	
T-084	16.6	Tulip poplar	<i>Liriodendron tulipifera</i>	Good	Trunk is in or within 3 feet of trail surface.
T-104	5	American beech	<i>Fagus grandifolia</i>	Good	Trunk is in or within 3 feet of trail surface.
T-105	10	American sycamore	<i>Platanus occidentalis</i>	Good	Trunk is in or within 3 feet of trail surface.
T-106	10	American sycamore	<i>Platanus occidentalis</i>	Good	
T-107	10	Red Maple	<i>Acer rubrum</i>	Good	
T-110	9	Red Maple	<i>Acer rubrum</i>	Good	
T-111	5	Red Maple	<i>Acer rubrum</i>	Good	
T-112	5.6	American hornbeam	<i>Carpinus caroliniana</i>	Good	
T-113	7	American hornbeam	<i>Carpinus caroliniana</i>	Good	
T-114	7	Tulip poplar	<i>Liriodendron tulipifera</i>	Good	
T-115	9.5	Tulip poplar	<i>Liriodendron tulipifera</i>	Good	Trunk is in or within 3 feet of trail surface.
T-116	10	Red Maple	<i>Acer rubrum</i>	Good	
T-121	6.2	Red Maple	<i>Acer rubrum</i>	Good	Trunk is in or within 3 feet of trail surface.
T-122	6.5	Tulip poplar	<i>Liriodendron tulipifera</i>	Good	Trunk is in or within 3 feet of trail surface.
T-125	11	Red Maple	<i>Acer rubrum</i>	Good	
T-126	7	Red Maple	<i>Acer rubrum</i>	Good	Trunk is in or within 3 feet of trail surface.
T-127	11	Black cherry	<i>Prunus serotina</i>	Good	Trunk is in or within 3 feet of trail surface.
T-128	11	Red Maple	<i>Acer rubrum</i>	Good	Trunk is in or within 3 feet of trail surface.
T-138	11	Red Maple	<i>Acer rubrum</i>	Good	Trunk is in or within 3 feet of trail surface.
T-139	12	Black cherry	<i>Prunus serotina</i>	Good	
T-143	11	Tulip poplar	<i>Liriodendron tulipifera</i>	Good	Trunk is in or within 3 feet of trail surface.
T-146	22	Red Maple	<i>Acer rubrum</i>	Good	



Tree No.	DBH (inches)	Common Name	Scientific Name	Condition	Comments
T-147	27	Red Maple	<i>Acer rubrum</i>	Good	Trunk is in or within 3 feet of trail surface.
T-165	11	Black willow	<i>Salix nigra</i>	Good	Trunk is in or within 3 feet of trail surface.
T-166	10.3	American elm	<i>Ulmus americana</i>	Good	
T-167	5.5	Red Maple	<i>Acer rubrum</i>	Good	Trunk is in or within 3 feet of trail surface.
T-168	8.5	Black cherry	<i>Prunus serotina</i>	Good	Trunk is in or within 3 feet of trail surface.
T-169	8.1	Red Maple	<i>Acer rubrum</i>	Good	Trunk is in or within 3 feet of trail surface.
T-170	10.3	Red Maple	<i>Acer rubrum</i>	Good	

Table 2: Trees Within Study Limits, Excluding Cut/Fill and Pavement Areas

Tree No.	DBH (inches)	Common Name	Scientific Name	Condition	Comments
T-001	22.5	Tulip poplar	<i>Liriodendron tulipifera</i>	Good	
T-002	21	Tulip poplar	<i>Liriodendron tulipifera</i>	Good	
T-003	13.5	American beech	<i>Fagus grandifolia</i>	Good	
T-004	14.6	Tulip poplar	<i>Liriodendron tulipifera</i>	Good	
T-005	13	Black cherry	<i>Prunus serotina</i>	Good	
T-006	25.5	Mockernut hickory	<i>Carya tomentosa</i>	Good	
T-007	16	Tulip poplar	<i>Liriodendron tulipifera</i>	Good	
T-008	14	American beech	<i>Fagus grandifolia</i>	Good	
T-010	15	American beech	<i>Fagus grandifolia</i>	Good	
T-012	20.0	Tulip poplar	<i>Liriodendron tulipifera</i>	Good	
T-013	21	Red maple	<i>Acer rubrum</i>	Good	
T-014	15.5	Red maple	<i>Acer rubrum</i>	Good	
T-015	26	Red maple	<i>Acer rubrum</i>	Good	
T-016	17.5	Red maple	<i>Acer rubrum</i>	Good	
T-017	19.5	Tulip poplar	<i>Liriodendron tulipifera</i>	Good	
T-019	29	White oak	<i>Quercus alba</i>	Good	
T-020	23.5	White oak	<i>Quercus alba</i>	Good	
T-021	17	American sycamore	<i>Platanus occidentalis</i>	Poor	Heavy Vines
T-023	14	Red maple	<i>Acer rubrum</i>	Good	
T-024	18	Red maple	<i>Acer rubrum</i>	Good	
T-025	20	Red maple	<i>Acer rubrum</i>	Good	
T-028	20	Red maple	<i>Acer rubrum</i>	Good	



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Tree No.	DBH (inches)	Common Name	Scientific Name	Condition	Comments
T-030	20	Red maple	<i>Acer rubrum</i>	Good	
T-031	15	Red maple	<i>Acer rubrum</i>	Good	
T-032	17	Red maple	<i>Acer rubrum</i>	Good	
T-036	21	Red maple	<i>Acer rubrum</i>	Good	
T-037	18	Tulip poplar	<i>Liriodendron tulipifera</i>	Good	
T-038	18.5	Tulip poplar	<i>Liriodendron tulipifera</i>	Good	
T-039	14	Tulip poplar	<i>Liriodendron tulipifera</i>	Good	
T-040	17	White oak	<i>Quercus alba</i>	Good	
T-041	30.5	Tulip poplar	<i>Liriodendron tulipifera</i>	Good	
T-042	20.6	Tulip poplar	<i>Liriodendron tulipifera</i>	Good	
T-047	24	American sycamore	<i>Platanus occidentalis</i>	Good	
T-048	12.5	Red maple	<i>Acer rubrum</i>	Good	
T-049	13.5	Red maple	<i>Acer rubrum</i>	Good	
T-050	15.5	Red maple	<i>Acer rubrum</i>	Good	
T-051	31.5	Red maple	<i>Acer rubrum</i>	Good	
T-054	16	Silver maple	<i>Acer saccharinum</i>	Good	
T-055	27	Red maple	<i>Acer rubrum</i>	Poor	Heavy Vines
T-056	26.5	Red maple	<i>Acer rubrum</i>	Good	
T-057	29	Red maple	<i>Acer rubrum</i>	Fair	
T-058	16.5	American sycamore	<i>Platanus occidentalis</i>	Good	
T-059	19	American sycamore	<i>Platanus occidentalis</i>	Good	
T-060	13.5	Silver maple	<i>Acer saccharinum</i>	Good	
T-061	22	Silver maple	<i>Acer saccharinum</i>	Good	
T-062	14	Red maple	<i>Acer rubrum</i>	Good	
T-063	23	Red maple	<i>Acer rubrum</i>	Good	
T-064	14	American sycamore	<i>Platanus occidentalis</i>	Good	
T-065	17.5	Red maple	<i>Acer rubrum</i>	Good	
T-066	13	Silver maple	<i>Acer saccharinum</i>	Good	
T-067	13	American sycamore	<i>Platanus occidentalis</i>	Good	
T-068	22	American sycamore	<i>Platanus occidentalis</i>	Good	
T-069	14	American sycamore	<i>Platanus occidentalis</i>	Good	
T-070	18	Silver maple	<i>Acer saccharinum</i>	Good	
T-071	16	American sycamore	<i>Platanus occidentalis</i>	Good	
T-072	13	Princess tree	<i>Paulownia tomentosa</i>	Good	
T-075	23	Silver maple	<i>Acer saccharinum</i>	Good	
T-078	12	Sugar maple	<i>Acer saccharum</i>	Good	



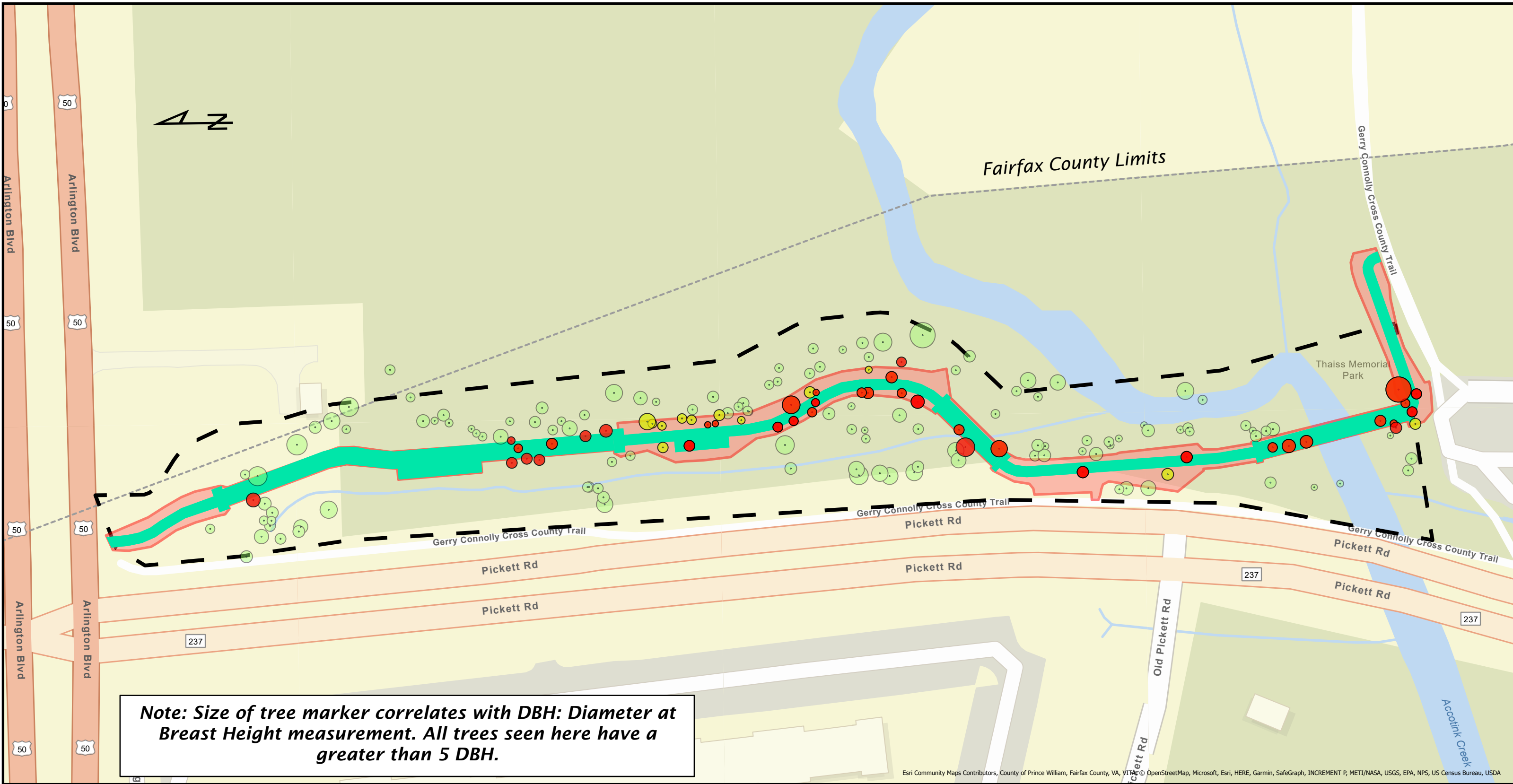
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Tree No.	DBH (inches)	Common Name	Scientific Name	Condition	Comments
T-079	13	Silver maple	<i>Acer saccharinum</i>	Poor	leaning over stream
T-082	6.5	Dogwood	<i>Cornus florida</i>	Good	
T-083	6.5	Boxelder	<i>Acer negundo</i>	Good	
T-085	14.4	Virginia Pine	<i>Pinus virginiana</i>	Fair	Vine Coverage
T-086	6.3	Virginia Pine	<i>Pinus virginiana</i>	Fair	Vine Coverage
T-087	12.5	Virginia Pine	<i>Pinus virginiana</i>	Fair	Vine Coverage
T-088	5.5	Virginia Pine	<i>Pinus virginiana</i>	Fair	Vine Coverage
T-089	10	Virginia Pine	<i>Pinus virginiana</i>	Fair	Vine Coverage
T-090	17.5	Black cherry	<i>Prunus serotina</i>	Fair	Vine Coverage
T-091	12.5	Virginia Pine	<i>Pinus virginiana</i>	Fair	Vine Coverage
T-092	10	Virginia Pine	<i>Pinus virginiana</i>	Good	
T-093	12	Virginia Pine	<i>Pinus virginiana</i>	Good	
T-094	17	Tulip poplar	<i>Liriodendron tulipifera</i>	Good	
T-095	24	American sycamore	<i>Platanus occidentalis</i>	Good	
T-096	28	Red Maple	<i>Acer rubrum</i>	Good	
T-097	31	Red Maple	<i>Acer rubrum</i>	Good	
T-098	13	Black locust	<i>Robinia pseudoacacia</i>	Good	
T-099	22.4	Tulip poplar	<i>Liriodendron tulipifera</i>	Good	
T-100	28	Tulip poplar	<i>Liriodendron tulipifera</i>	Good	
T-101	8.2	Boxelder	<i>Acer negundo</i>	Good	
T-102	5	Red Maple	<i>Acer rubrum</i>	Good	
T-103	6	Black locust	<i>Robinia pseudoacacia</i>	Good	
T-108	7.6	American beech	<i>Fagus grandifolia</i>	Good	
T-109	7	Boxelder	<i>Acer negundo</i>	Good	
T-117	5.9	American beech	<i>Fagus grandifolia</i>	Good	
T-118	5.9	American hornbeam	<i>Carpinus caroliniana</i>	Good	
T-119	5.2	American hornbeam	<i>Carpinus caroliniana</i>	Good	
T-120	5.2	American hornbeam	<i>Carpinus caroliniana</i>	Good	
T-123	7.5	Red Maple	<i>Acer rubrum</i>	Good	
T-124	8.5	Red Maple	<i>Acer rubrum</i>	Good	
T-129	11.5	Red Maple	<i>Acer rubrum</i>	Good	
T-130	41.5	Tulip poplar	<i>Liriodendron tulipifera</i>	Good	
T-131	6.2	Red Maple	<i>Acer rubrum</i>	Good	
T-132	9	Boxelder	<i>Acer negundo</i>	Good	
T-133	7.5	American sycamore	<i>Platanus occidentalis</i>	Good	






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Tree No.	DBH (inches)	Common Name	Scientific Name	Condition	Comments
T-134	5	Black locust	<i>Robinia pseudoacacia</i>	Good	
T-135	8	Sweet Cherry	<i>Prunus avium</i>	Good	
T-136	11	Red Maple	<i>Acer rubrum</i>	Good	
T-137	11	Red Maple	<i>Acer rubrum</i>	Good	
T-140	19	Tulip poplar	<i>Liriodendron tulipifera</i>	Good	
T-141	16	Tulip poplar	<i>Liriodendron tulipifera</i>	Good	
T-142	6	Boxelder	<i>Acer negundo</i>	Good	
T-144	8	Red Maple	<i>Acer rubrum</i>	Good	
T-145	13	American sycamore	<i>Platanus occidentalis</i>	Good	
T-148	22	Red Maple	<i>Acer rubrum</i>	Good	
T-149	19	American sycamore	<i>Platanus occidentalis</i>	Good	
T-150	23	American sycamore	<i>Platanus occidentalis</i>	Fair	Vine Coverage
T-151	11.5	Red Maple	<i>Acer rubrum</i>	Fair	Vine Coverage
T-152	23	Black locust	<i>Robinia pseudoacacia</i>	Fair	Vine Coverage
T-153	22	American sycamore	<i>Platanus occidentalis</i>	Fair	Vine Coverage
T-154	27	Red Maple	<i>Acer rubrum</i>	Fair	Vine Coverage
T-155	21	Red Maple	<i>Acer rubrum</i>	Fair	Vine Coverage
T-156	12	Red Maple	<i>Acer rubrum</i>	Fair	Vine Coverage
T-157	12	Red Maple	<i>Acer rubrum</i>	Good	
T-158	22	American sycamore	<i>Platanus occidentalis</i>	Good	
T-159	8.8	Boxelder	<i>Acer negundo</i>	Good	
T-160	9	American sycamore	<i>Platanus occidentalis</i>	Good	
T-161	8	Red Maple	<i>Acer rubrum</i>	Good	
T-162	10	Black willow	<i>Salix nigra</i>	Good	
T-163	12	Black willow	<i>Salix nigra</i>	Good	
T-164	0	Red Maple	<i>Acer rubrum</i>	Good	



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LEGEND

-  Study Area
-  Cut/Fill Limits
-  Trail Surface

Trees




-  Trees Within Study Limits
-  Trees Within Cut/Fill Limits
-  Trees In or Within 3 Feet of Proposed Trail Surface



Figure 1: Project Limits and Tree Inventory
PICKETT TRAIL CONNECTOR
 CITY OF FAIRFAX, VA
 DATE: October 2021