



August 24, 2016

Midland Trails Description of work

LandStory contracted Treeo Tree Service LLC to give advice and recommendations from an ISA Certified Arborist regarding management of trees with a diameter of greater than or equal to 10 inches in diameter at a height of 54 inches above the ground growing within the affected area of the proposed Midland Trail in Noblesville, Indiana.

On July 19, 2016 ISA Certified Arborist Jerome Delbridge IN3334-A and Ira Goldfarb met on site and assessed the trees within the proposed construction zone of the Midland Trail. Recommendations were given to save or remove trees based on a limited visual assessment (level 1) from the ground with leaf-on conditions. When trail conflicts required removal of a tree that would otherwise have been determined to be a good candidate to preserve, diameter at 54 inches above ground was documented. Trees that were recommended to be removed were numbered with paint that corresponds with the tree number on the spreadsheet. Management recommendations were given for some trees that were recommended to be preserved.

The site is a former railroad right of way conditions typical of an industrial easement. Trees were managed by removing all trees from the right of way. Many pioneer tree species have grown up in the space resulting in small undesirable trees with poor structure. This history accounts for the large number of impaired trees slated for removal.

Sincerely,

A handwritten signature in black ink, appearing to read "Jerome Delbridge".

Jerome Delbridge
ISA Certified Arborist IN-3334A

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Tree Number	Work	Tree Species	Scientific Name	Notes
1	Remove	Mulberry	<i>Morus spp.</i>	Poor Structure, Invasive Species
2	Remove	Mulberry	<i>Morus spp.</i>	Invasive Species
3	Remove	Ash	<i>Fraxinus spp.</i>	Dead
4	Remove	Mulberry	<i>Morus spp.</i>	Invasive Species
5	Remove	Hackberry	<i>Celtis occidentalis</i>	Structure Conflict
6	Remove	Ash	<i>Fraxinus spp.</i>	Dead
7	Remove	Mulberry	<i>Morus spp.</i>	Invasive Species
8	Remove	Mulberry	<i>Morus spp.</i>	Invasive Species
9	Save	Black Walnut	<i>Juglans nigra</i>	Keep
10	Save	Black Walnut	<i>Juglans nigra</i>	Swale for water channel
11	Remove	Mulberry	<i>Morus spp.</i>	Invasive Species
12	Remove	Ash	<i>Fraxinus spp.</i>	Dead
13	Remove	Ash	<i>Fraxinus spp.</i>	Dead
14	Save	Black Walnut	<i>Juglans nigra</i>	
15	Remove	Ash	<i>Fraxinus spp.</i>	Decline
16	Remove	Black Walnut	<i>Juglans nigra</i>	Limbs co-dominate
17	Remove	Mulberry	<i>Morus spp.</i>	Dead, Invasive Species
18	Save	Hackberry	<i>Celtis occidentalis</i>	
19	Remove	Ash	<i>Fraxinus spp.</i>	Dead
20	Save	Hackberry	<i>Celtis occidentalis</i>	
21	Remove	Ash	<i>Fraxinus spp.</i>	Dead
22	Remove	American Linden	<i>Tilia americana</i>	8.5", 9.5", 9.75", 13.75"
23	Remove	Black Cherry	<i>Prunus serotina</i>	8.5" Poor Structure
24	Remove	Ash	<i>Fraxinus spp.</i>	Dead
25	Remove	Ash	<i>Fraxinus spp.</i>	Dead
26	Remove	American Linden	<i>Tilia americana</i>	Cavity at base
27	Save	American Linden	<i>Tilia americana</i>	
28	Save	Black Walnut	<i>Juglans nigra</i>	
28	Remove	American Linden	<i>Tilia americana</i>	Cavity at base & 19"
29	Save	American Linden	<i>Tilia americana</i>	
30	Save	Black Walnut	<i>Juglans nigra</i>	
31	Remove	Hackberry	<i>Celtis occidentalis</i>	Hazard

32	Save	Hackberry	<i>Celtis occidentalis</i>	Grow 13
33	Save	American Linden	<i>Tilia americana</i>	
34	Remove	American Linden	<i>Tilia americana</i>	Cavity at 16'
35	Save	Unidentified		Prune and Deadwood
36	Remove	Black Walnut	<i>Juglans nigra</i>	Dead
37	Remove	Ash	<i>Fraxinus spp.</i>	Dead
	Save	2 Black Walnut	<i>Juglans nigra</i>	
	Save	2 Hackberry	<i>Celtis occidentalis</i>	
38	Remove	2 Ash	<i>Fraxinus spp.</i>	Dead
	Save	Black Walnut	<i>Juglans nigra</i>	
39	Remove	Black Walnut	<i>Juglans nigra</i>	Hanger and dead lead
40	Save	Black Walnut	<i>Juglans nigra</i>	Cable
41	Remove	Ash Cluster	<i>Fraxinus spp.</i>	decline
	Remove	Black Cherry Cluster	<i>Prunus serotina</i>	in decline 14" and 21"
42	Remove	Ash Grove	<i>Fraxinus spp.</i>	Dead
43	Remove	Black Cherry	<i>Prunus serotina</i>	Conflict with trail 9.5"
44	Remove	Honey Locust	<i>Gleditsia triacanthos</i>	Conflict with trail 12.5"
45	Remove	Black Walnut	<i>Juglans nigra</i>	Conflict with trail 16"
46	Remove			Snag
47	Remove	Ash	<i>Fraxinus spp.</i>	Dead
48	Remove	Ash	<i>Fraxinus spp.</i>	Dead
49	Remove	Ash	<i>Fraxinus spp.</i>	Dead
	Save	Bur Oak	<i>Quercus macrocarpa</i>	10"
	Save	Black Walnut	<i>Juglans nigra</i>	12"
	Save	Black Walnut	<i>Juglans nigra</i>	16" and 12"
	Save	Bur Oak	<i>Quercus macrocarpa</i>	15"
	Save	Red Elm and Hickory	<i>Ulmus rubra and Carya spp.</i>	11" and 8"
50	Remove	Black Cherry	<i>Prunus serotina</i>	Dead
	Save	2 Black Walnut	<i>Juglans nigra</i>	12" and 12"
	Save	Black Walnut	<i>Juglans nigra</i>	12"
51	Save	Black Cherry	<i>Prunus serotina</i>	Deadwood
52	Remove	Black Cherry	<i>Prunus serotina</i>	Dead
	Save	Black Walnut	<i>Juglans nigra</i>	
	Save	Hackberry	<i>Celtis occidentalis</i>	
53	Save	Black Walnut	<i>Juglans nigra</i>	Prune dead limb over trail
54	Save	Black Cherry	<i>Prunus serotina</i>	Prune dead limb over trail
55	Remove	Ash	<i>Fraxinus spp.</i>	Decline
	Save	Bur Oak	<i>Quercus macrocarpa</i>	Two Trunks
56	Remove	Locust	<i>Robinia pseudoacacia</i>	Dead
	Save	Black Walnut	<i>Juglans nigra</i>	12"

57	Remove	Black Cherry	<i>Prunus serotina</i>	decline
	Save	Hackberry	<i>Celtis occidentalis</i>	10"
	Save	Black Walnut	<i>Juglans nigra</i>	14"
58	Remove	Mulberry	<i>Morus spp.</i>	Decline, Invasive Species
59	Remove	Black Cherry	<i>Prunus serotina</i>	Dead
	Save	Elm	<i>Ulmus spp.</i>	16" and Hickory 12"
60	Remove	Hickory	<i>Carya spp.</i>	Conflict Potential
61	Remove	Pin Oak	<i>Quercus palustris</i>	20.25", Trail Conflict
62	Remove	Red Elm	<i>Ulmus rubra</i>	14" Trail Conflict
63	Remove	Pin Oak	<i>Quercus palustris</i>	4.5' Trail Conflict
	Save	Black Walnut	<i>Juglans nigra</i>	14"
64	Remove	Mulberry	<i>Morus spp.</i>	Dead
65	Remove	Mulberry	<i>Morus spp.</i>	Dead
66	Remove	Elm	<i>Ulmus spp.</i>	Dead
67	Remove	Unidentified Dead		<10" DBH
68	Remove	Black Cherry	<i>Prunus serotina</i>	Conflict
69	Remove	Cottonwood	<i>Populus deltoides</i>	Hazard
	Save	Black Walnut	<i>Juglans nigra</i>	
70	Remove	Ash	<i>Fraxinus spp.</i>	Decline
71	Remove	Ash	<i>Fraxinus spp.</i>	Dead
72	Remove	Ash	<i>Fraxinus spp.</i>	Decline
73	Remove	Ash	<i>Fraxinus spp.</i>	Will die
74	Remove	Ash	<i>Fraxinus spp.</i>	Dead
75	Remove	Ash	<i>Fraxinus spp.</i>	Dead
76	Remove	Black Walnut	<i>Juglans nigra</i>	Conflict and Structure
77	Remove	Black Walnut	<i>Juglans nigra</i>	Conflict
	Save	2 Black Cherry	<i>Prunus serotina</i>	
78	Remove	Apple	<i>Malus spp.</i>	Poor Structure
79	Remove	Mulberry	<i>Morus spp.</i>	Invasive Species
80	Remove	Elm	<i>Ulmus spp.</i>	Dead
	Clear	Logs		
	Save	Black Walnut	<i>Juglans nigra</i>	12"
81	Remove	4 Ash	<i>Fraxinus spp.</i>	Dead <10"
82	Remove	2 Ash	<i>Fraxinus spp.</i>	Dead <10"
83	Remove	Ash	<i>Fraxinus spp.</i>	Dead <10"
84	Remove	Ash	<i>Fraxinus spp.</i>	Dead <10"
85	Remove	Ash	<i>Fraxinus spp.</i>	Dead <10"
86	Remove	Black Cherry	<i>Prunus serotina</i>	Dead/Decline
87	Remove	Ash	<i>Fraxinus spp.</i>	
	Save	Black Walnut	<i>Juglans nigra</i>	

88 Remove	Black Walnut	<i>Juglans nigra</i>	Conflict
89 Save	Black Cherry	<i>Prunus serotina</i>	Deadwood lowest branch
90 Remove	Unidentified		Dead
91 Save	All branches above trail		Prune to remove
92 Remove	Apple	<i>Malus spp.</i>	Fruit Hazard
93 Remove	Elm	<i>Ulmus spp.</i>	Dead
94 Remove	Mulberry	<i>Morus spp.</i>	Conflict & Invasive Species
95 Remove	Mulberry	<i>Morus spp.</i>	Invasive Species
96 Remove	Black Cherry	<i>Prunus serotina</i>	Poor Structure
97 Remove	Black Cherry	<i>Prunus serotina</i>	Conflict 14"
98 Remove	Mulberry	<i>Morus spp.</i>	Invasive Species
99 Remove	Elm	<i>Ulmus spp.</i>	Dead
100 Remove	Oak	<i>Quercus spp.</i>	Dead
101 Remove	Black Cherry	<i>Prunus serotina</i>	Conflict 12"
102 Remove	Black Cherry	<i>Prunus serotina</i>	Conflict 11"
103 Remove	Black Cherry	<i>Prunus serotina</i>	Conflict 10"
104 Remove	Mulberry	<i>Morus spp.</i>	Invasive Species
105 Remove	Black Cherry	<i>Prunus serotina</i>	Hazard
106 Remove	Ash	<i>Fraxinus spp.</i>	Dead
107 Remove	Mulberry	<i>Morus spp.</i>	Poor Structure and Invasive Species
108 Remove	Black Cherry	<i>Prunus serotina</i>	Dead, Hazard
109 Remove	Unidentified		Cut branch to easement
110 Save	Deadwood		Over Trail
111 Remove	3 Ash, Fraxinus	<i>Fraxinus spp.</i>	Dead
112 Save	Black Cherry	<i>Prunus serotina</i>	Deadwood @ 141 and 00
113 Fell trees into woc	Tangle of Black Cherry	<i>Prunus serotina</i>	
114 Remove	3 Ash	<i>Fraxinus spp.</i>	Dead
115 Remove	2 Ash	<i>Fraxinus spp.</i>	
116 Remove	Black Cherry	<i>Prunus serotina</i>	Leaning lead
117 Remove	Cut tree hanging		
118 Save	Pin Oak	<i>Quercus palustris</i>	Raise Canopy