

**Tree Assessment Matrix**  
**MILES PARK**

Rockwell Associates  
John Rockwell Hosbach, RCA  
Registered Consulting Arborist #483

Tree	Species	DBH (in)	Condition	Contr.	Risk	Priority	Reproduction \$	Mitigation/Management
1	American sycamore <i>Platanus occidentalis</i>	26.0	Fair	Shade	Low <b>Target</b> Road	Priority 1		Clean Prune; Reduce Protruding Limbs
Ht	Structure	Pres.Val.	Prot. Category	Notes / Recs	Remove 1 painted tree with extensive root decay - prune remaining trees as noted			
>40'	Fair							
Longevity		Enviro. Benefits		Subject Issues				
> 5 years		Shade/cooling						

# Trees 5 Site Desc:

**Root Collar**  
Decay

**Trunk**

**Leaves**  
Dead twigs/Branches

**Twigs**



Tree	Species	DBH (in)	Condition	Contr.	Risk	Priority	Reproduction \$	Mitigation/Management
2	Black locust <i>Robinia pseudoacacia</i>	48.0	Risk related tree	Shade	Moderate <b>Target</b> Road	Priority 1		Remove And Grind Stump
Ht	Structure	Pres.Val.	Prot. Category	Notes / Recs	Replace with black gum - also remove smaller one to the left			
>40'	Poor							
Longevity		Enviro. Benefits			Subject Issues			
< 5 years								

# Trees 1 Site Desc:

**Root Collar**

**Trunk**

Decay in main stem  
Heartwood decay  
Included bark

**Leaves**

**Twigs**



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Tree	Species	DBH (in)	Condition	Contr.	Risk	Priority	Reproduction \$	Mitigation/Management
3	Elm species <i>Ulmus sp.</i>	31.0	Fair	Shade	Low <b>Target</b> Road	Priority 2		Reduce Protruding Limbs
Ht	Structure	Pres.Val.	Prot. Category	Notes / Recs	Winter prune only - reduce over extended branching structure			
>40'	Poor							
Longevity		Enviro. Benefits			Subject Issues			
> 5 years								

# Trees 1 Site Desc:

**Root Collar**

**Trunk**

**Leaves**

**Twigs**



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Tree	Species	DBH (in)	Condition	Contr.	Risk	Priority	Reproduction \$	Mitigation/Management
4	Silver maple <i>Acer saccharinum</i>	49.0	Risk related tree	Shade	Moderate <b>Target</b> Road	Priority 1		Reduce Protruding Limbs; Install 2 Cables; Perform Follow-Up Risk Assessment ; Clean Prune
Ht	Structure	Pres.Val.	Prot. Category	Notes / Recs	Monitor the leader with decay and reduce weight by 15%			
>40'	Poor							
Longevity		Enviro. Benefits			Subject Issues			
> 5 years								

# Trees 1 Site Desc:

**Root Collar**

**Trunk**

**Leaves**

**Twigs**

Leaders exhibit decay



Tree	Species	DBH (in)	Condition	Contr.	Risk	Priority	Reproduction \$	Mitigation/Management
5	Silver maple <i>Acer saccharinum</i>	38.0	Risk related tree	Shade	Low <b>Target</b> Walkway	Priority 3		Remove And Grind Stump
Ht	Structure	Pres.Val.	Prot. Category	Notes / Recs	Excessive decay - replace with hackberry			
>40'	Poor							
Longevity		Enviro. Benefits			Subject Issues			
> 5 years								

# Trees 1 Site Desc:

**Root Collar**

**Trunk**

**Leaves**

**Twigs**

Leaders exhibit decay  
Decay  
Cavity/Nest hole



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Tree	Species	DBH (in)	Condition	Contr.	Risk	Priority	Reproduction \$	Mitigation/Management
6	Littleleaf linden <i>Tilia cordata</i>	56.0	Structural issues	Shade	Moderate <b>Target</b> Road	Immediate action		Thin By 15%; Install 2 Cables; Clean Prune; Monitor
Ht	Structure	Pres.Val.	Prot. Category	Notes / Recs	Root and trunk decay noted - township to inspect annually			
>40'	Poor							
Longevity		Enviro. Benefits			Subject Issues			
> 5 years								

# Trees 1 Site Desc:

**Root Collar**  
Decay

**Trunk**  
Decay in main stem

**Leaves**

**Twigs**



Tree	Species	DBH (in)	Condition	Contr.	Risk	Priority	Reproduction \$	Mitigation/Management
7	Northern hackberry <i>Celtis occidentalis</i>	17.0	Poor	Shade	Low <b>Target</b> Walkway	Priority 3		Remove And Grind Stump
Ht	Structure	Pres.Val.	Prot. Category	Notes / Recs	40% dead- trunk decay- replace with willow oak			
15'-40'	In decline							
Longevity		Enviro. Benefits			Subject Issues			
< 5 years								

# Trees 1 Site Desc:

**Root Collar**

**Trunk**

Decay in main stem

**Leaves**

Dead twigs/Branches

**Twigs**



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Tree	Species	DBH (in)	Condition	Contr.	Risk	Priority	Reproduction \$	Mitigation/Management
8	Northern red oak <i>Quercus rubra</i>	42.0	Fair	Shade	Low <b>Target</b> Walkway	Immediate action		Clean Prune; Hazard Prune All Branches 2" Or Greater
Ht	Structure	Pres.Val.	Prot. Category		Notes / Recs	2 trees in this tag - Monitor annually		
>40'	Poor							
Longevity		Enviro. Benefits			Subject Issues			
> 5 years								

# Trees      2      Site Desc:

**Root Collar**

**Trunk**

**Leaves**  
Dead twigs/Branches

**Twigs**



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Tree	Species	DBH (in)	Condition	Contr.	Risk	Priority	Reproduction \$	Mitigation/Management	
9	Tot-lot trees	19.0	Fair	Shade	Low <b>Target</b> Tot Lot	Immediate action		Clean Prune	
Ht	Structure	Pres.Val.	Prot. Category		Notes / Recs	6 trees - Remove broken branches/ hangers - Clean prune Raise prune off equipment			
15'-40'	Fair								
Longevity		Enviro. Benefits			Subject Issues				
> 5 years									

# Trees 6 Site Desc:

**Root Collar**

**Trunk**

**Leaves**  
Dead twigs/Branches

**Twigs**



Tree	Species	DBH (in)	Condition	Contr.	Risk	Priority	Reproduction \$	Mitigation/Management
10	Black walnut <i>Juglans nigra</i>	46.0	Structural issues	Shade	Moderate <b>Target</b> Pedestrian	Priority 2		Remove And Grind Stump
Ht	Structure	Pres.Val.	Prot. Category		Notes / Recs	High risk due to target Replace with white oak		
>40'	Poor	2						
Longevity		Enviro. Benefits			Subject Issues			
> 5 years								

# Trees 1 Site Desc:

**Root Collar**

- Decay
- Cavity/Nest hole
- Dead/Missing bark

**Trunk**

**Leaves**

**Twigs**



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Tree	Species	DBH (in)	Condition	Contr.	Risk	Priority	Reproduction \$	Mitigation/Management	
11	White pine buffer	19.0	Poor	Screenin g	<b>Target</b>	Priority 4		Monitor	
Ht	Structure	Pres.Val.	Prot. Category		Notes / Recs				
>40'	Fair								
Longevity		Enviro. Benefits			Subject Issues				
> 5 years									

# Trees 1 Site Desc:

**Root Collar**

**Trunk**

**Leaves**

**Twigs**



Tree	Species	DBH (in)	Condition	Contr.	Risk	Priority	Reproduction \$	Mitigation/Management	
12	Picnic table grove	20.0	Fair	Shade	<b>Target</b>	Priority 3		Clean Prune; Mulch	
Ht	Structure	Pres.Val.	Prot. Category		Notes / Recs	Locust, platanus, zelkova			
15'-40'	Fair								
Longevity		Enviro. Benefits			Subject Issues				
> 5 years									

# Trees 3 Site Desc:

**Root Collar**

**Trunk**

**Leaves**

**Twigs**



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Tree	Species	DBH (in)	Condition	Contr.	Risk	Priority	Reproduction \$	Mitigation/Management
13	Northern hackberry <i>Celtis occidentalis</i>	16.0	In decline	Shade	Low <b>Target</b> Tot Lot	Priority 3		Remove And Grind Stump
Ht	Structure	Pres.Val.	Prot. Category	Notes / Recs	Replace with hop hornbeam			
15'-40'	Poor							
Longevity		Enviro. Benefits			Subject Issues			
< 5 years								

# Trees 1 Site Desc:

**Root Collar**

**Trunk**

**Leaves**

**Twigs**



Tree	Species	DBH (in)	Condition	Contr.	Risk	Priority	Reproduction \$	Mitigation/Management
14	Silver maple <i>Acer saccharinum</i>	25.0	Structural issues	Shade	Moderate <b>Target</b> Tot Lot	Priority 2		Remove All Painted Trees Within This Tree Tag # Area; Clean Prune
Ht	Structure	Pres.Val.	Prot. Category	Notes / Recs	Remove 2 painted maples and one mulberry- clean prune in 2021 and inspect annually			
>40'	Poor							
Longevity		Enviro. Benefits			Subject Issues			
> 5 years								

# Trees 6 Site Desc:

**Root Collar**  
Decay

**Trunk**  
Decay in main stem

**Leaves**

**Twigs**



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Tree	Species	DBH (in)	Condition	Contr.	Risk	Priority	Reproduction \$	Mitigation/Management
15	Honey locust	19.0	Fair	Shade	<b>Target</b>	Priority 4		Clean Prune
Ht	Structure	Pres.Val.	Prot. Category	Notes / Recs				
15'-40'	Fair							
Longevity		Enviro. Benefits			Subject Issues			
> 5 years								

# Trees 1 Site Desc:

**Root Collar**

**Trunk**

**Leaves**  
Dead twigs/Branches

**Twigs**



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Tree	Species	DBH (in)	Condition	Contr.	Risk	Priority	Reproduction \$	Mitigation/Management
16	Silver maple <i>Acer saccharinum</i>	21.5	Poor	Shade	High <b>Target</b> Walkway	Priority 1		Install 2 Cables; Reduce By 10-15%; Clean Prune
Ht	Structure	Pres.Val.	Prot. Category	Notes / Recs	Monitor annually			
>40'	Poor							
Longevity		Enviro. Benefits			Subject Issues			
> 5 years								

# Trees 1 Site Desc:

**Root Collar**

**Trunk**

**Leaves**

**Twigs**



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Tree	Species	DBH (in)	Condition	Contr.	Risk	Priority	Reproduction \$	Mitigation/Management	
17	Zelkova species	10.0	Fair	Shade	<b>Target</b>	Priority 2		Clean Prune; Clean Prune; Compaction Relief; Vertical Mulch	
Ht	Structure	Pres.Val.	Prot. Category		Notes / Recs	6 trees - Parking island zelkova's Inspect and cut girdling roots			
15'-40'	Fair								
Longevity		Enviro. Benefits			Subject Issues				
> 5 years									

# Trees 6 Site Desc:

**Root Collar**

**Trunk**

**Leaves**

**Twigs**



Tree	Species	DBH (in)	Condition	Contr.	Risk	Priority	Reproduction \$	Mitigation/Management	
18	Field buffer trees	11.0	Fair	Shade	<b>Target</b>	Priority 3		Clean Prune; Structural Prune	
Ht	Structure	Pres.Val.	Prot. Category		Notes / Recs	7 trees - Inspect for girdling root			
15'-40'	Good								
Longevity		Enviro. Benefits			Subject Issues				
> 5 years									

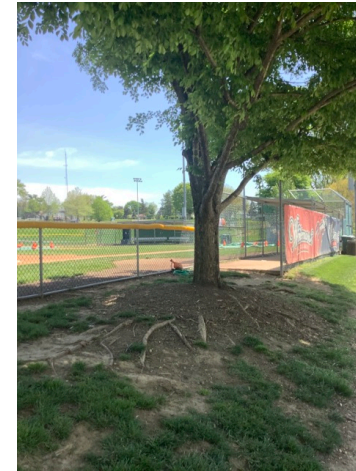
# Trees 7 Site Desc:

**Root Collar**

**Trunk**

**Leaves**

**Twigs**



Tree	Species	DBH (in)	Condition	Contr.	Risk	Priority	Reproduction \$	Mitigation/Management	
19	Zelkova species	10.0	Fair	Shade	<b>Target</b>	Priority 3		Clean Prune; Root Crown Excavation; Structural Prune	
Ht	Structure	Pres.Val.	Prot. Category		Notes / Recs	2 trees - inspect and cut girdling root			
15'-40'	Fair								
Longevity		Enviro. Benefits			Subject Issues				
> 5 years									

# Trees 1 Site Desc:

**Root Collar**

**Trunk**

**Leaves**

**Twigs**



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Tree	Species	DBH (in)	Condition	Contr.	Risk	Priority	Reproduction \$	Mitigation/Management	
20	Field buffer trees	15.0	Fair	Shade	<b>Target</b>	Priority 2		Clean Prune; Root Crown Excavation; Structural Prune	
Ht	Structure	Pres.Val.	Prot. Category		Notes / Recs	2 zelkova, 3 locust, sycamore, 1 linden, 1maple			
15'-40'	Fair								
Longevity		Enviro. Benefits			Subject Issues				
> 5 years									

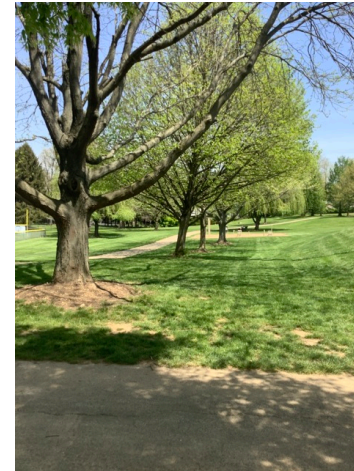
# Trees 1 Site Desc:

**Root Collar**

**Trunk**

**Leaves**

**Twigs**



Tree	Species	DBH (in)	Condition	Contr.	Risk	Priority	Reproduction \$	Mitigation/Management	
21	Willow species <i>Salix sp</i>	23.0	Fair	Shade	<b>Target</b>	Priority 3		Clean Prune	
Ht	Structure	Pres.Val.	Prot. Category		Notes / Recs	2 trees			
15'-40'	Fair								
Longevity		Enviro. Benefits			Subject Issues				
> 5 years									

# Trees      2      Site Desc:

**Root Collar**

**Trunk**

**Leaves**

**Twigs**



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Tree	Species	DBH (in)	Condition	Contr.	Risk	Priority	Reproduction \$	Mitigation/Management	
22	Batting cage grove <i>Mixed species</i>	15.0	Fair	Shade	<b>Target</b>	Priority 4		Clean Prune; Compaction Relief	
Ht	Structure	Pres.Val.	Prot. Category		Notes / Recs	26 trees in this group - zelkova, oak , maple - remove declining ash - inspect and cut girdling roots			
15'-40'	Fair								
Longevity		Enviro. Benefits			Subject Issues				
> 5 years									

# Trees 26 Site Desc:

**Root Collar**

**Trunk**

**Leaves**

**Twigs**



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Tree	Species	DBH (in)	Condition	Contr.	Risk	Priority	Reproduction \$	Mitigation/Management
23	Zelkova species	21.0	Structural issues	Shade	<b>Target</b>	Priority 2		Monitor
Ht	Structure	Pres.Val.	Prot. Category	Notes / Recs	Severe girdling root			
>40'	Poor							
Longevity		Enviro. Benefits			Subject Issues			
> 5 years								

# Trees 1 Site Desc:

**Root Collar**

**Trunk**

**Leaves**

**Twigs**



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Tree	Species	DBH (in)	Condition	Contr.	Risk	Priority	Reproduction \$	Mitigation/Management
24	Willow species <i>Salix sp</i>	43.0	Poor	Shade	<b>Target</b>	Priority 2		Clean Prune; Monitor
Ht	Structure	Pres.Val.	Prot. Category		Notes / Recs			
>40'	Poor							
Longevity		Enviro. Benefits			Subject Issues			
> 5 years								

# Trees 1 Site Desc:

**Root Collar**

**Trunk**

**Leaves**

**Twigs**



Tree	Species	DBH (in)	Condition	Contr.	Risk	Priority	Reproduction \$	Mitigation/Management
25	Ash species <i>Fraxinus sp.</i>	17.0	In decline	Shade	<b>Target</b>	Priority 1		Impacted By Eab – Remove
Ht	Structure	Pres.Val.	Prot. Category	Notes / Recs	Replace with Swamp white oak			
15'-40'	Poor							
Longevity		Enviro. Benefits			Subject Issues			
< 1 year								

# Trees 1 Site Desc:

**Root Collar**

**Trunk**

**Leaves**

**Twigs**



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Tree	Species	DBH (in)	Condition	Contr.	Risk	Priority	Reproduction \$	Mitigation/Management	
26	Lower fields	11.0	Fair	Shade	<b>Target</b>	Priority 3		Compaction Relief; Clean Prune	
Ht	Structure	Pres.Val.	Prot. Category		Notes / Recs	5 Zelkova			
15'-40'	Fair								
Longevity		Enviro. Benefits			Subject Issues				
> 5 years									

# Trees 5 Site Desc:

**Root Collar**

**Trunk**

**Leaves**

**Twigs**



Tree	Species	DBH (in)	Condition	Contr.	Risk	Priority	Reproduction \$	Mitigation/Management
27	Honey locust	22.0	Fair	Shade	<b>Target</b>	Priority 3		Clean Prune
Ht	Structure	Pres.Val.	Prot. Category	Notes / Recs				
15'-40'	Fair							
Longevity		Enviro. Benefits			Subject Issues			
> 5 years								

# Trees 1 Site Desc:

**Root Collar**

**Trunk**

**Leaves**

**Twigs**



Tree	Species	DBH (in)	Condition	Contr.	Risk	Priority	Reproduction \$	Mitigation/Management	
28	Willow species <i>Salix sp</i>	43.0	Structural issues	Shade	<b>Target</b>	Priority 3		Remove And Grind Stump	
Ht	Structure	Pres.Val.	Prot. Category		Notes / Recs	Replace with swamp white oak Monitor one close to basin			
>40'	Poor								
Longevity		Enviro. Benefits			Subject Issues				
< 5 years									

# Trees 1 Site Desc:

**Root Collar**

**Trunk**

**Leaves**  
Decay in branching

**Twigs**  
Leaders exhibit decay





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Tree	Species	DBH (in)	Condition	Contr.	Risk	Priority	Reproduction \$	Mitigation/Management
29	Willow species <i>Salix sp</i>	25.0	Fair	Shade	<b>Target</b>	Priority 3		Clean Prune
Ht	Structure	Pres.Val.	Prot. Category	Notes / Recs				
>40'	Fair							
Longevity		Enviro. Benefits			Subject Issues			
> 5 years								

# Trees 1 Site Desc:

**Root Collar**

**Trunk**

**Leaves**

**Twigs**

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Tree	Species	DBH (in)	Condition	Contr.	Risk	Priority	Reproduction \$	Mitigation/Management	
30	Allee GP	30.0	Fair	Shade	<b>Target</b>	Priority 2		Clean Prune; Hazard Prune All Branches 2" Or Greater; Remove All Painted Trees Within This Tree Tag # Area; Compaction Relief	
Ht	Structure	Pres.Val.	Prot. Category		Notes / Recs	15 trees - oak, sweetgum, sycamore, linden , Remove painted sweetgum by telephone pole, prune remaining trees			
>40'	Fair								
Longevity		Enviro. Benefits				Subject Issues			
> 5 years									

# Trees 15 Site Desc:

**Root Collar**

**Trunk**

**Leaves**

**Twigs**



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Tree	Species	DBH (in)	Condition	Contr.	Risk	Priority	Reproduction \$	Mitigation/Management
31	Scholar Tree <i>Sophora japonica</i>	9.0	Fair	Shade	<b>Target</b>	Priority 3		Root Crown Excavation; Structural Prune
Ht	Structure	Pres.Val.	Prot. Category		Notes / Recs	5 trees -inspect and cut girdling roots		
15'-40'	Poor							
Longevity		Enviro. Benefits			Subject Issues			
> 5 years								

# Trees 5 Site Desc:

**Root Collar**

**Trunk**

**Leaves**

**Twigs**



Tree	Species	DBH (in)	Condition	Contr.	Risk	Priority	Reproduction \$	Mitigation/Management	
32	All park trees				Target	Priority 3		Mulch; Fertilize With Custom Fertilizer; Radial Trench And Fill With Compost	
Ht	Structure	Pres.Val.	Prot. Category		Notes / Recs	Inspect for girdling root and cut			
Longevity		Enviro. Benefits				Subject Issues			

# Trees 1 Site Desc:

**Root Collar**

**Trunk**

**Leaves**

**Twigs**

