



PUBLIC WORKS COMMITTEE MEETING

June 13, 2023 - 9:00 A.M.

BRIGHTON TOWN HALL AUDITORIUM

DRAFT AGENDA

MEETING CALLED TO ORDER:

APPROVE MINUTES:

APPROVE AGENDA:

PUBLIC REVIEW OPEN FORUM:

OLD BUSINESS

MATTER RE: Town Hall Study Update

MATTER RE: West Henrietta Road Traffic Light Timing Review Update (at the Southland and Doncaster Intersections)

NEW BUSINESS

MATTER RE: Rochester 100 Sewer District

MATTER RE: 2024 Refuse Districts Update

MATTER RE: MCDOT Projects

- Elmwood Avenue Road Diet
- Westfall Road Surface Treatment

MATTER RE: NYSDOT Projects

- NYSDOT I-590 Bridges
- Monroe Avenue Corridor Improvements
- West Henrietta Road Corridor Improvements

TREES:

Address	Description	Recommendation
40 Carverdale Drive	52" Silver Maple	Remove and Replace
78 Torrington Drive	48" Silver Maple	Remove and Replace
606 Claybourne Road	29" Sugar Maple	Remove and Replace
614 Claybourne Road	19" Silver Maple	Remove and Replace
88 Cheswell Way	23" Norway Maple	Remove and Replace
272 Sylvan Road	44" Silver Maple	Remove and Replace

MEETING ADJOURNED:

NEXT COMMITTEE MEETING:

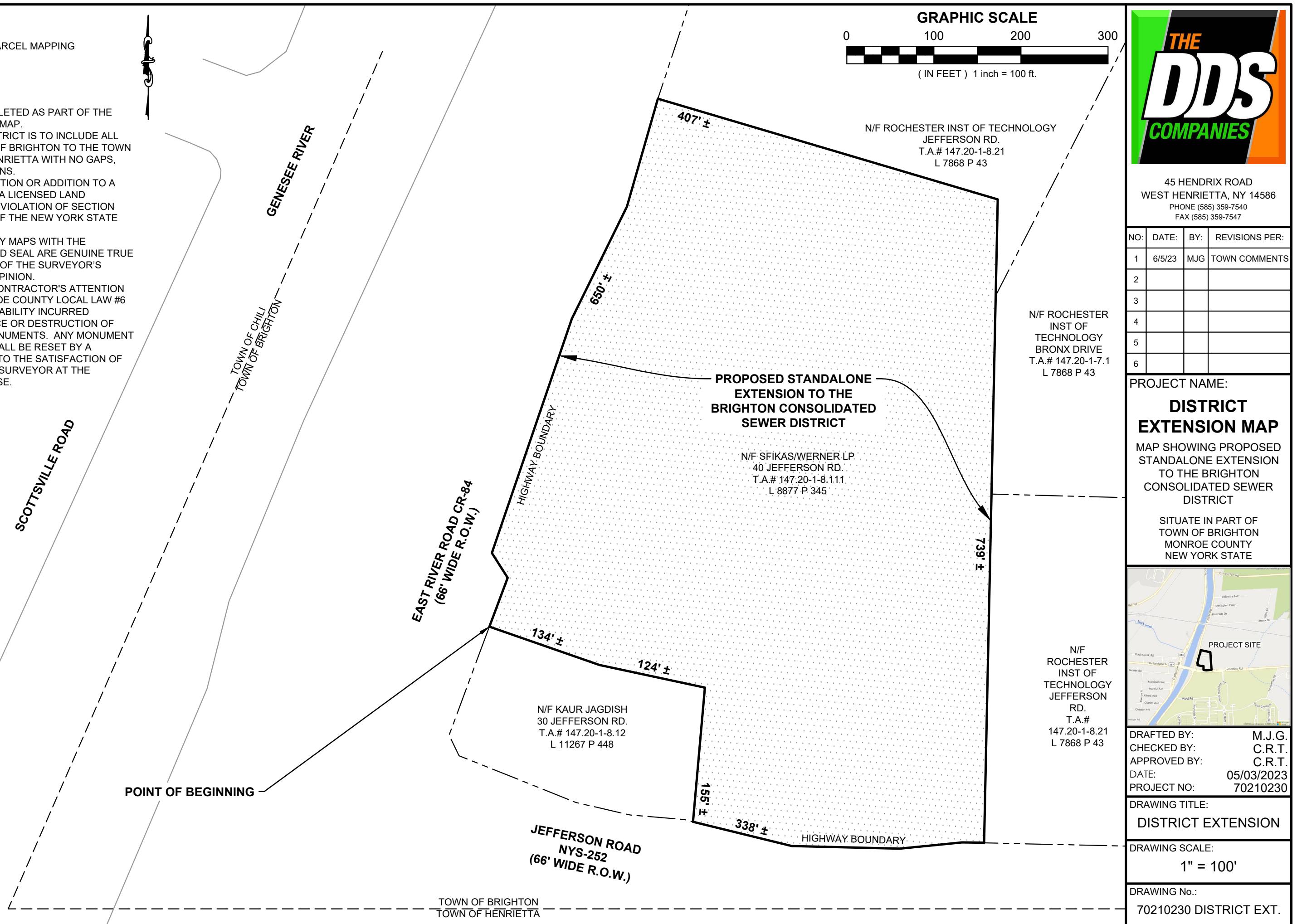
July 11, 2023 at 9:00 A.M.

REFERENCES:

1. MONROE COUNTY GIS PARCEL MAPPING
2. FILED MAP 316 PAGE 19

SURVEY NOTES:

1. NO FIELD SURVEY COMPLETED AS PART OF THE PREPARATION OF THIS MAP.
2. THE INTENT OF THIS DISTRICT IS TO INCLUDE ALL AREAS OF THE TOWN OF BRIGHTON TO THE TOWN LINES OF CHILI AND HENRIETTA WITH NO GAPS, GORES, OR SEPARATIONS.
3. "UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW."
4. ONLY BOUNDARY SURVEY MAPS WITH THE SURVEYOR'S EMBOSSED SEAL ARE GENUINE TRUE AND CORRECT COPIES OF THE SURVEYOR'S ORIGINAL WORK AND OPINION.
5. THE APPLICANT'S AND CONTRACTOR'S ATTENTION IS DIRECTED TO MONROE COUNTY LOCAL LAW #6 OF 1971, REGARDING LIABILITY INCURRED THROUGH DISTURBANCE OR DESTRUCTION OF GEODETIC SURVEY MONUMENTS. ANY MONUMENT THAT IS DISTURBED SHALL BE RESET BY A LICENSED SURVEYOR, TO THE SATISFACTION OF THE MONROE COUNTY SURVEYOR AT THE CONTRACTOR'S EXPENSE.





A Photographic Guide to the Evaluation of Hazard Trees in Urban Areas

TREE HAZARD EVALUATION FORM 2nd Edition

Site/Address: 40 Carverdale Drive

Map/Location: _____

Owner: public private _____ unknown _____ other _____Date: 3/16/23 Inspector: Kylie Sosa

Date of last inspection: _____

HAZARD RATING:

$$\frac{3}{\text{Failure Potential}} + \frac{3}{\text{Size of part}} + \frac{4}{\text{Target Rating}} = \frac{10}{\text{Hazard Rating}}$$
 Immediate action needed Needs further inspection Dead tree**TREE CHARACTERISTICS**Tree #: 2063 Species: Silver Maple (2023 STORM DAMAGE to Tree)DBH: 52" # of trunks: 1 Height: 60' Spread: 60'Form: generally symmetric minor asymmetry major asymmetry stump sprout stag-headedCrown class: dominant co-dominant intermediate suppressedLive crown ratio: 90 % Age class: young semi-mature mature over-mature/senescencePruning history: crown cleaned excessively thinned topped crown raised pollarded crown reduced flush cuts cabled/braced
 none multiple pruning events Approx. dates: _____Special Value: specimen heritage/historic wildlife unusual street tree screen shade indigenous protected by gov. agency**TREE HEALTH**Foliage color: normal chlorotic necrotic Epicormics? Y N**Growth obstructions:**Foliage density: normal sparse Leaf size: normal small stakes wire/ties signs cablesAnnual shoot growth: excellent average poor Twig Dieback? Y N curb/pavement guardsWoundwood development: excellent average poor none other _____Vigor class: excellent average fair poor

Major pests/diseases: _____

SITE CONDITIONSSite Character: residence commercial industrial park open space natural woodland/forestLandscape type: parkway raised bed container mound lawn shrub border wind breakIrrigation: none adequate inadequate excessive trunk wettedRecent site disturbance? Y N construction soil disturbance grade change line clearing site clearing% dripline paved: 0% 10-25% 25-50% 50-75% 75-100% Pavement lifted? Y N 10-25%% dripline w/ fill soil: 0% 10-25% 25-50% 50-75% 75-100%

% dripline grade lowered: 0% 10-25% 25-50% 50-75% 75-100%

Soil problems: drainage shallow compacted droughty saline alkaline acidic small volume disease center history of fail
 clay expansive slope ____° aspect: _____Obstructions: lights signage line-of-sight view overhead lines underground utilities traffic adjacent veg. _____Exposure to wind: single tree below canopy above canopy recently exposed windward, canopy edge area prone to windthrowPrevailing wind direction: Westerly Occurrence of snow/ice storms never seldom regularly**TARGET** High Risk - TOP Heavy (Age & Height of tree)Use Under Tree: building parking traffic pedestrian recreation landscape hardscape small features utility linesCan target be moved? Y N Can use be restricted? Y N Occupancy: occasional use intermittent use frequent use constant use

TREE DEFECTS

ROOT DEFECTS:

Suspect root rot: Y N Mushroom/conk/bracket present: Y N ID: _____

Exposed roots: severe moderate low Undermined: severe moderate low

Root pruned: _____ distance from trunk Root area affected: _____ % Buttress wounded: Y N When: _____

Restricted root area: severe moderate low Potential for root failure: severe moderate low

LEAN: 20 deg. from vertical natural unnatural self-corrected Soil heaving: Y N

Decay in plane of lean: Y N Roots broken Y N Soil cracking: Y N

Compounding factors: EXCESSIVE END WEIGHT, Horizontal Cracks, failed (2) Lean severity: severe moderate low

CROWN DEFECTS: Indicate presence of individual defects and rate their severity (s = severe, m = moderate, l = low)

DEFECT	ROOT CROWN	TRUNK	SCAFFOLDS	BRANCHES
Poor taper				
Bow, sweep				
Codominants/forks		S		
Multiple attachments				
Included bark		S		
Excessive end weight		S		S
Cracks/splits				
Hangers				
Girdling	M			
Wounds/seam				
Decay				
Cavity				
Conks/mushrooms/bracket				
Bleeding/sap flow		M		
Loose/cracked bark		S	S	
Nesting hole/bee hive				
Deadwood/stubs				
Borers/termites/ants				
Cankers/galls/burls				
Previous failure			S	S

HAZARD RATING

Tree part most likely to fail: TRUNK

Failure potential: 1 - low; 2 - medium; 3 - high; 4 - severe

Inspection period: annual biannual other

Size of part: 1 - <6" (15 cm); 2 - 6-18" (15-45 cm);

Failure Potential + Size of Part + Target Rating = Hazard Rating

3 - 18-30" (45-75 cm); 4 - >30" (75 cm)

3 + 3 + 4 = 10

Target rating: 1 - occasional use; 2 intermittent use; 3 - frequent use; 4 - constant use

HAZARD ABATEMENT

Prune: remove defective part reduce end weight crown clean thin raise canopy crown reduce restructure shape

Cable/Brace: _____ Inspect further: root crown decay aerial monitor

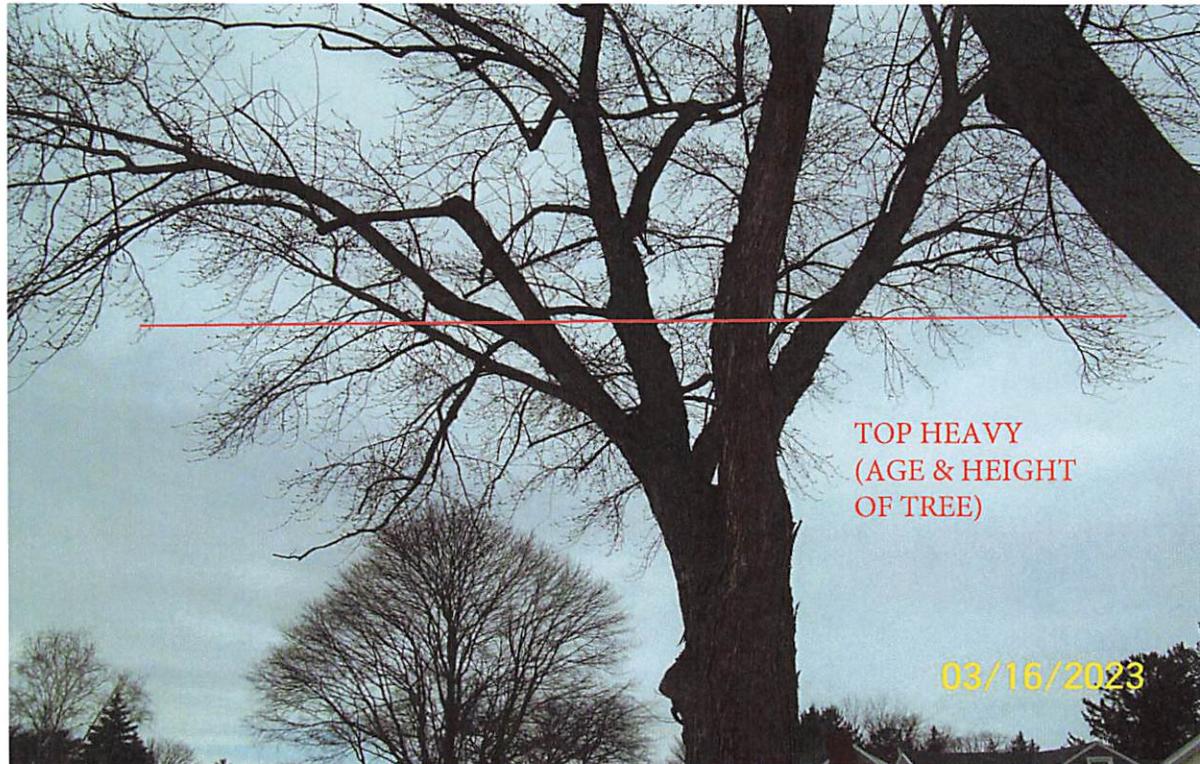
Remove tree: Y N Replace? Y N Move target: Y N Other: _____

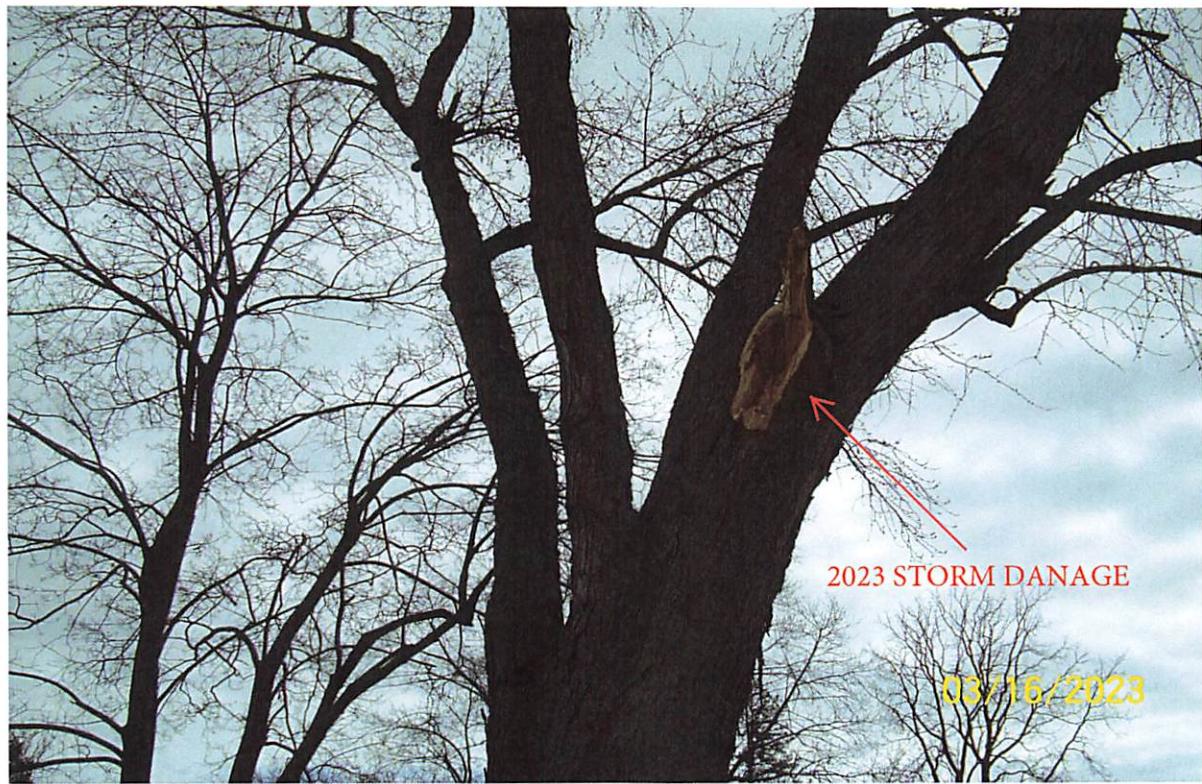
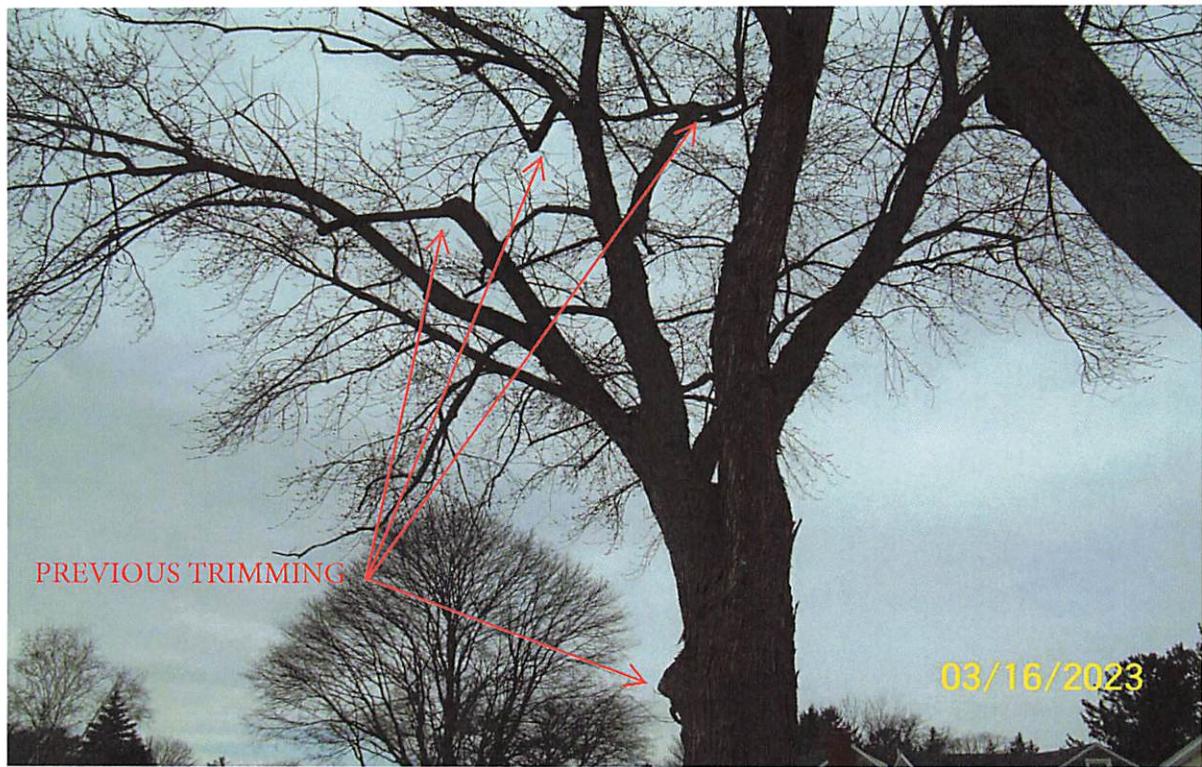
Effect on adjacent trees: none evaluate

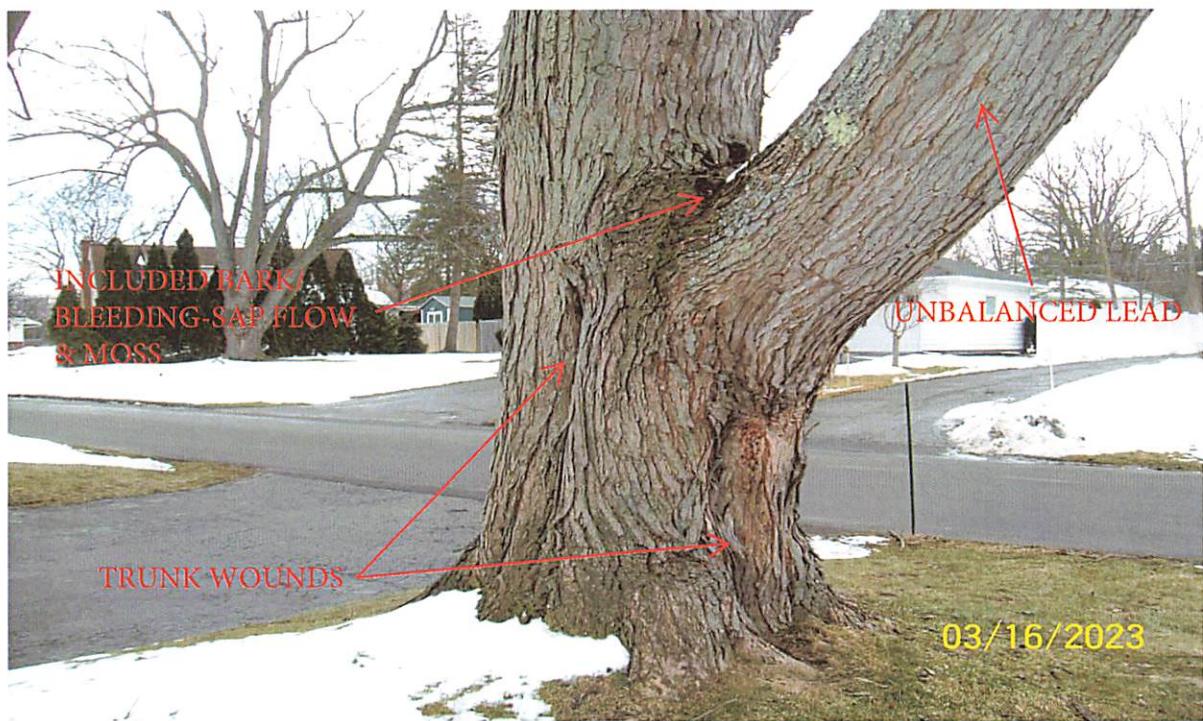
Notification: owner manager governing agency Date: _____

COMMENTS

High risk tree - (over mature, horizontal cracks in main leads, excessive loose/cracked bark, top heavy, unbalanced.) Significant targets and recent storm damage to major limbs 2023 (has had previous storm damage) Recommend Remove & Replace.











A Photographic Guide to the Evaluation of Hazard Trees in Urban Areas

TREE HAZARD EVALUATION FORM 2nd Edition

Site/Address: 78 Torrington Drive

Map/Location:

Owner: public private unknown other

Date: 3/16/23 Inspector: Kyle Sears

Date of last inspection:

HAZARD RATING:

3 + 3 + 4 = 10
 Failure Potential + Size of part + Target Rating = Hazard Rating

Immediate action needed

Needs further inspection

Dead tree

TREE CHARACTERISTICS

Tree #: 3516 Species: Silver Maple *(High Risk Potential, Reoccurring failures in main branches)*

DBH: 48" # of trunks: 1 Height: 55' Spread: 40'

Form: generally symmetric minor asymmetry major asymmetry stump sprout stag-headed

Crown class: dominant co-dominant intermediate suppressed

Live crown ratio: 80 % Age class: young semi-mature mature over-mature/senescence

Pruning history: crown cleaned excessively thinned topped crown raised pollarded crown reduced flush cuts cabled/braced
 none multiple pruning events Approx. dates:

Special Value: specimen heritage/historic wildlife unusual street tree screen shade indigenous protected by gov. agency

TREE HEALTH

N/A Foliage color: normal chlorotic necrotic Epicormics? Y N

Growth obstructions:

N/A Foliage density: normal sparse Leaf size: normal small

stakes wire/ties signs cables

Annual shoot growth: excellent average poor Twig Dieback? Y N

curb/pavement guards

Woundwood development: excellent average poor none

other STOENAIK, Driveway

Vigor class: excellent average fair poor

Major pests/diseases:

SITE CONDITIONS

Site Character: residence commercial industrial park open space natural woodland/forest

Landscape type: parkway raised bed container mound lawn shrub border wind break

Irrigation: none adequate inadequate excessive trunk wetted

Recent site disturbance? Y N construction soil disturbance grade change line clearing site clearing

% dripline paved: 0% 10-25% 25-50% 50-75% 75-100% Pavement lifted? Y N

% dripline w/ fill soil: 0% 10-25% 25-50% 50-75% 75-100%

% dripline grade lowered: 0% 10-25% 25-50% 50-75% 75-100%

Soil problems: drainage shallow compacted droughty saline alkaline acidic small volume disease center history of fail
 clay expansive slope ____° aspect: _____

Obstructions: lights signage line-of-sight view overhead lines underground utilities traffic adjacent veg. _____

Exposure to wind: single tree below canopy above canopy recently exposed windward, canopy edge area prone to windthrow

Prevailing wind direction: Westerly Occurrence of snow/ice storms never seldom regularly

TARGET

Use Under Tree: building parking traffic pedestrian recreation landscape hardscape small features utility lines

Can target be moved? Y N Can use be restricted? Y N

Occupancy: occasional use intermittent use frequent use constant use

TREE DEFECTS

ROOT DEFECTS:

Suspect root rot: Y N Mushroom/conk/bracket present: Y N ID: _____

Exposed roots: severe moderate low Undermined: severe moderate low

Root pruned: _____ distance from trunk Root area affected: _____ % Buttress wounded: Y N When: _____

Restricted root area: severe moderate low Potential for root failure: severe moderate low

LEAN: 10 deg. from vertical natural unnatural self-corrected Soil heaving: Y N

Decay in plane of lean: Y N Roots broken Y N Soil cracking: Y N

Compounding factors: Restricted Area, over-mature Tree Lean severity: severe moderate low

CROWN DEFECTS: Indicate presence of individual defects and rate their severity (s = severe, m = moderate, l = low)

DEFECT	ROOT CROWN	TRUNK	SCAFFOLDS	BRANCHES
Poor taper				
Bow, sweep				
Codominants/forks		m		
Multiple attachments				m
Included bark		s		m
Excessive end weight			s	s
Cracks/splits		s	m	
Hangers				
Girdling				
Wounds/seam		m		
Decay				
Cavity				
Conks/mushrooms/bracket				
Bleeding/sap flow				
Loose/cracked bark			m	
Nesting hole/bee hive				
Deadwood/stubs				
Borers/termites/ants				
Cankers/galls/burls				
Previous failure			s	

HAZARD RATING

Tree part most likely to fail: TRUNK (at lead connector)

Failure potential: 1 - low; 2 - medium; 3 - high; 4 - severe

Inspection period: _____ annual _____ biannual _____ other _____

Size of part: 1 - <6" (15 cm); 2 - 6-18" (15-45 cm);

3 - 18-30" (45-75 cm); 4 - >30" (75 cm)

Failure Potential + Size of Part + Target Rating = Hazard Rating

Target rating: 1 - occasional use; 2 intermittent use;

3 - frequent use; 4 - constant use

$$3 + 3 + 4 = 10$$

HAZARD ABATEMENT

Prune: remove defective part reduce end weight crown clean thin raise canopy crown reduce restructure shape

Cable/Brace: _____ Inspect further: root crown decay aerial monitor

Remove tree: Y N Replace? Y N Move target: Y N Other: _____

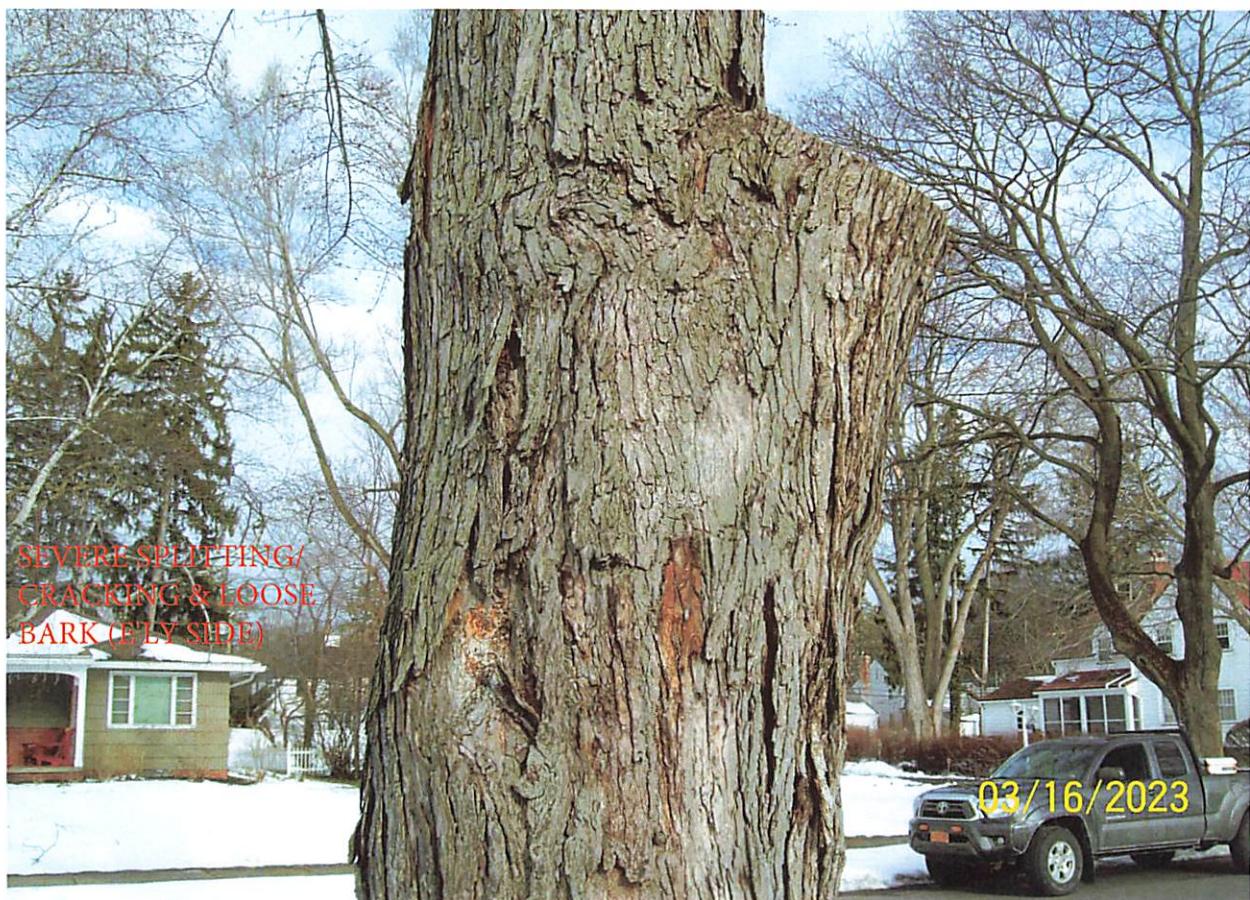
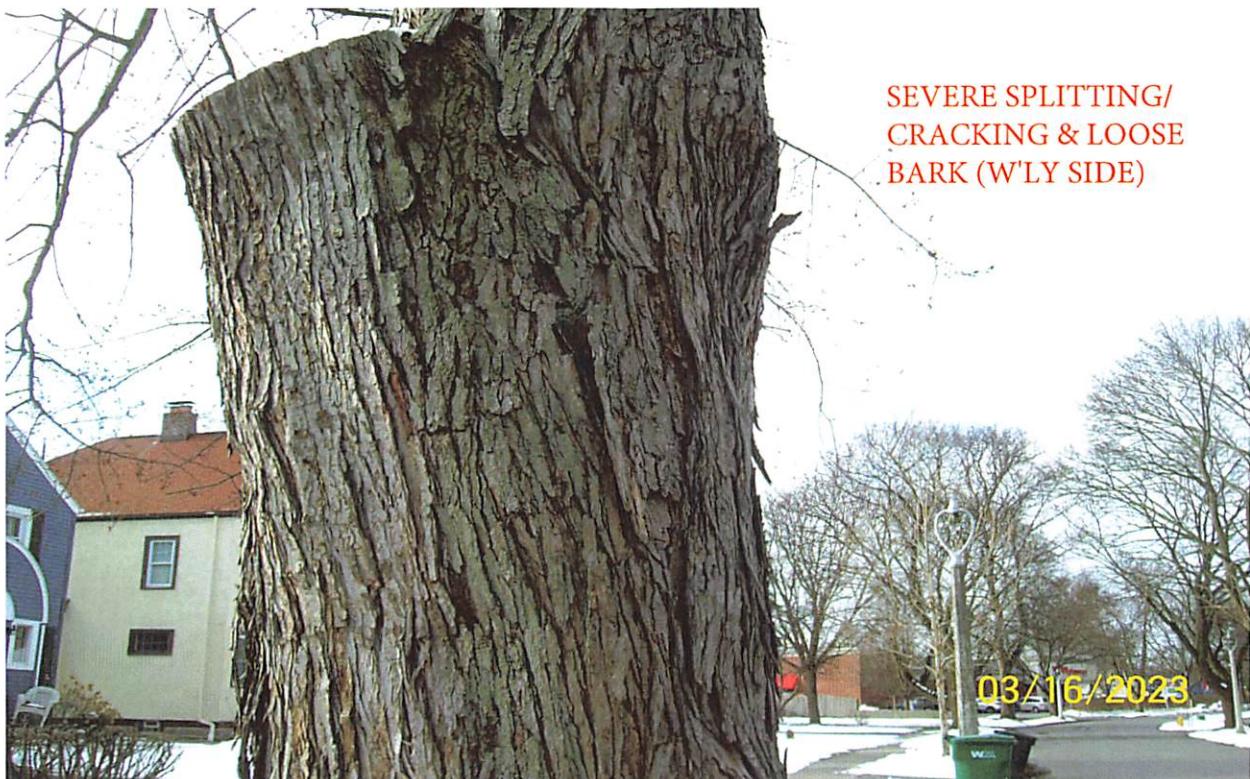
Effect on adjacent trees: none evaluate

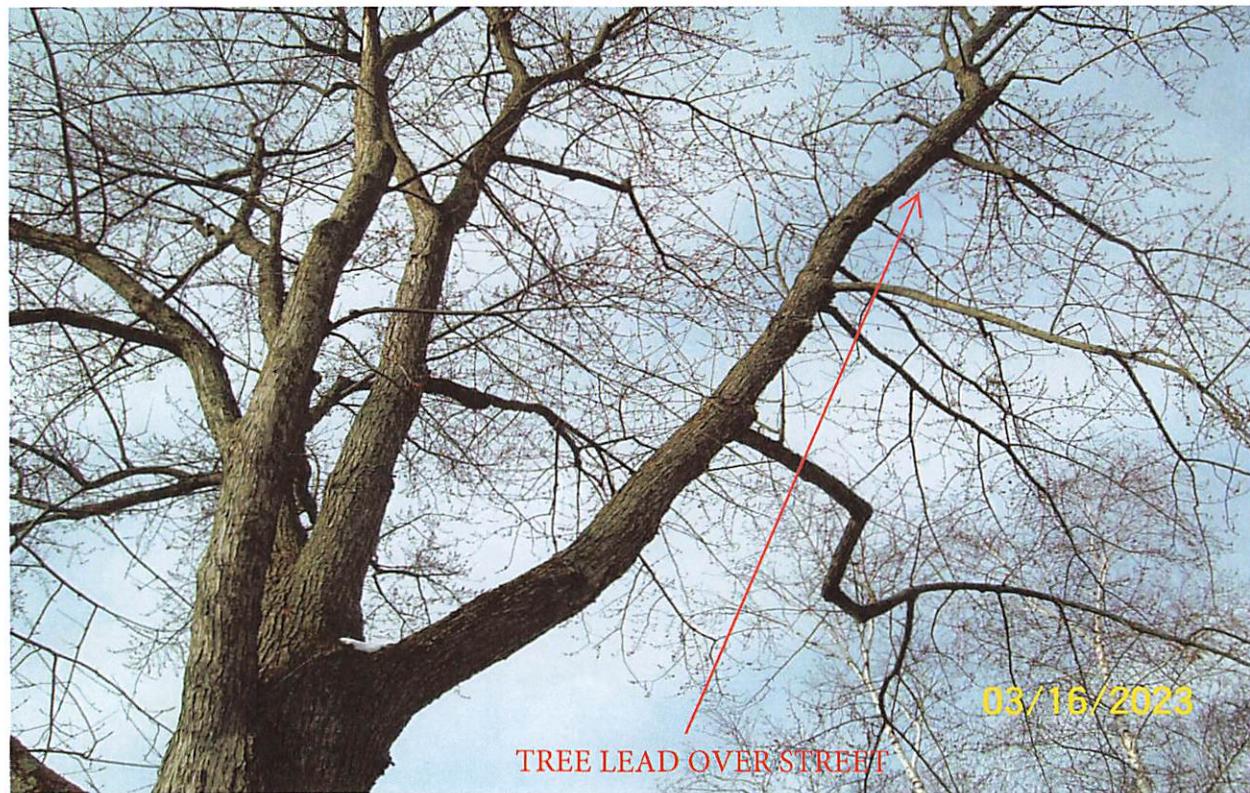
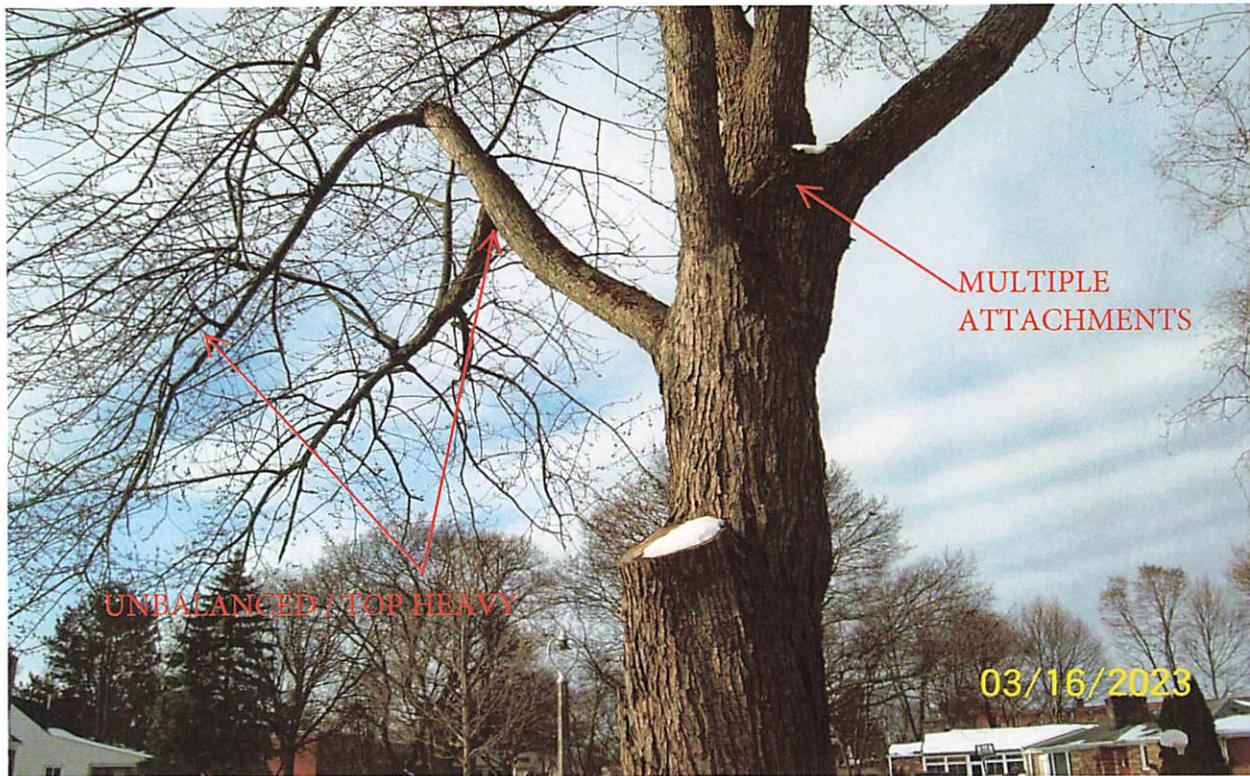
Notification: owner manager governing agency Date: _____

COMMENTS

OVER mature Tree for Street/Lawn Area

High Risk Potential. Storm failures reoccurring on significant branches. EXCESSIVE splitting/cracking bark on TRUNK. Leads are unbalanced & top heavy. EXISTING capacity has been met (restrictions with Road, Sidewalk and Driveway along with U.G. utilities. Recommend Remove & Replace.











A Photographic Guide to the Evaluation of Hazard Trees in Urban Areas 4-4-23

TREE HAZARD EVALUATION FORM 2nd Edition

Site/Address: 606 Claybourne

Map/Location: _____

Owner: public _____ private _____ unknown _____ other _____

Date: 3-27-23 Inspector: Zachariah A. Polter Jr.

Date of last inspection: _____

HAZARD RATING:

4 + 4 + 4 = 12
Failure Potential + Size of part + Target Rating = Hazard Rating

Immediate action needed

Needs further inspection

Dead tree

TREE CHARACTERISTICS

Tree #: 2406 Species: Sugar Maple

DBH: 29.2 # of trunks: 3 Height: 40-50 Spread: 30-40

Form: generally symmetric minor asymmetry major asymmetry stump sprout stag-headed

Crown class: dominant co-dominant intermediate suppressed

Live crown ratio: _____ % Age class: young semi-mature mature over-mature/senescing

Pruning history: crown cleaned excessively thinned topped crown raised pollarded crown reduced flush cuts cabled/braced
 none multiple pruning events Approx. dates: N/A

Special Value: specimen heritage/historic wildlife unusual street tree screen shade indigenous protected by gov. agency

TREE HEALTH

Foliation color: normal chlorotic necrotic Epicemics? Y N

Foliation density: normal sparse Leaf size: normal small

Annual shoot growth: excellent average poor Twig Dieback? Y N

Woundwood development: excellent average poor none

Vigor class: excellent average fair poor

Major pests/diseases: Severe Decay, Rot in Trunk, Severe Insect Damage

Growth obstructions:

stakes wire/ties signs cables

curb/pavement guards

other _____

SITE CONDITIONS

Site Character: residence commercial industrial park open space natural woodland/forest

Landscape type: parkway raised bed container mound lawn shrub border wind break

Irrigation: none adequate inadequate excessive trunk wetted

Recent site disturbance? Y N construction soil disturbance grade change line clearing site clearing

% dripline paved: 0% 10-25% 25-50% 50-75% 75-100% Pavement lifted? Y N

% dripline w/ fill soil: 0% 10-25% 25-50% 50-75% 75-100%

% dripline grade lowered: 0% 10-25% 25-50% 50-75% 75-100%

Soil problems: drainage shallow compacted droughty saline alkaline acidic small volume disease center history of fall
 clay expansive slope _____ aspect _____

Obstructions: lights signage line-of-sight view overhead lines underground utilities traffic adjacent veg. _____

Exposure to wind: single tree below canopy above canopy recently exposed windward, canopy edge area prone to windthrow

Prevailing wind direction: W Occurrence of snow/ice storms never seldom regularly

TARGET

Use Under Tree: building parking traffic pedestrian recreation landscape hardscape small features utility lines

Can target be moved? Y N Can use be restricted? Y N

Occupancy: occasional use intermittent use frequent use constant use

TREE DEFECTS

ROOT DEFECTS:

Suspect root rot: Y N Mushroom/conk/bracket present: Y N ID: _____

Exposed roots: severe moderate low Undermined: severe moderate low

Root pruned: _____ distance from trunk Root area affected: _____ % Buttress wounded: Y N When: _____

Restricted root area: severe moderate low Potential for root failure: severe moderate low

LEAN: _____ deg. from vertical natural unnatural self-corrected Soil heaving: Y N

Decay in plane of lean: Y N Roots broken Y N Soil cracking: Y N

Compounding factors: _____ Lean severity: severe moderate low

CROWN DEFECTS: Indicate presence of individual defects and rate their severity (s = severe, m = moderate, l = low)

DEFECT	ROOT CROWN	TRUNK	SCAFFOLDS	BRANCHES
Poor taper				
Bow, sweep				
Codominants/forks		S		
Multiple attachments				
Included bark	S	S	S	S
Excessive end weight				
Cracks/splits	M	S	S	S
Hangers				
Girdling	S			
Wounds/seam	M	S	S	S
Decay		S	S	S
Cavity		S		
Conks/mushrooms/bracket				
Bleeding/sap flow				
Loose/cracked bark	M	S	S	S
Nesting hole/bee hive	S	S	S	S
Deadwood/stubs		M	S	S
Borers/termites/ants	S	S	S	S
Cankers/galls/burls				
Previous failure	M	S	S	S

HAZARD RATING

Tree part most likely to fail: Roots/Trunk/Scaffolds

Inspection period: _____ annual _____ biannual _____ other _____

Failure Potential + Size of Part + Target Rating = Hazard Rating

4 + 4 + 4 = 12

Failure potential: 1 - low; 2 - medium; 3 - high; 4 - severe

Size of part: 1 - <5" (15 cm); 2 - 6-18" (15-45 cm);

3 - 18-30" (45-75 cm); 4 - >30" (75 cm)

Target rating: 1 - occasional use; 2 - intermittent use;

3 - frequent use; 4 - constant use

HAZARD ABATEMENT

Prune: remove defective part reduce end weight crown clean thin raise canopy crown reduce restructure shape

Cable/Brace: _____ Inspect barrier: root crown decay aerial monitor

Remove tree: Y N Replace? Y N Move target: Y N Other: _____

Effect on adjacent trees: none evaluate

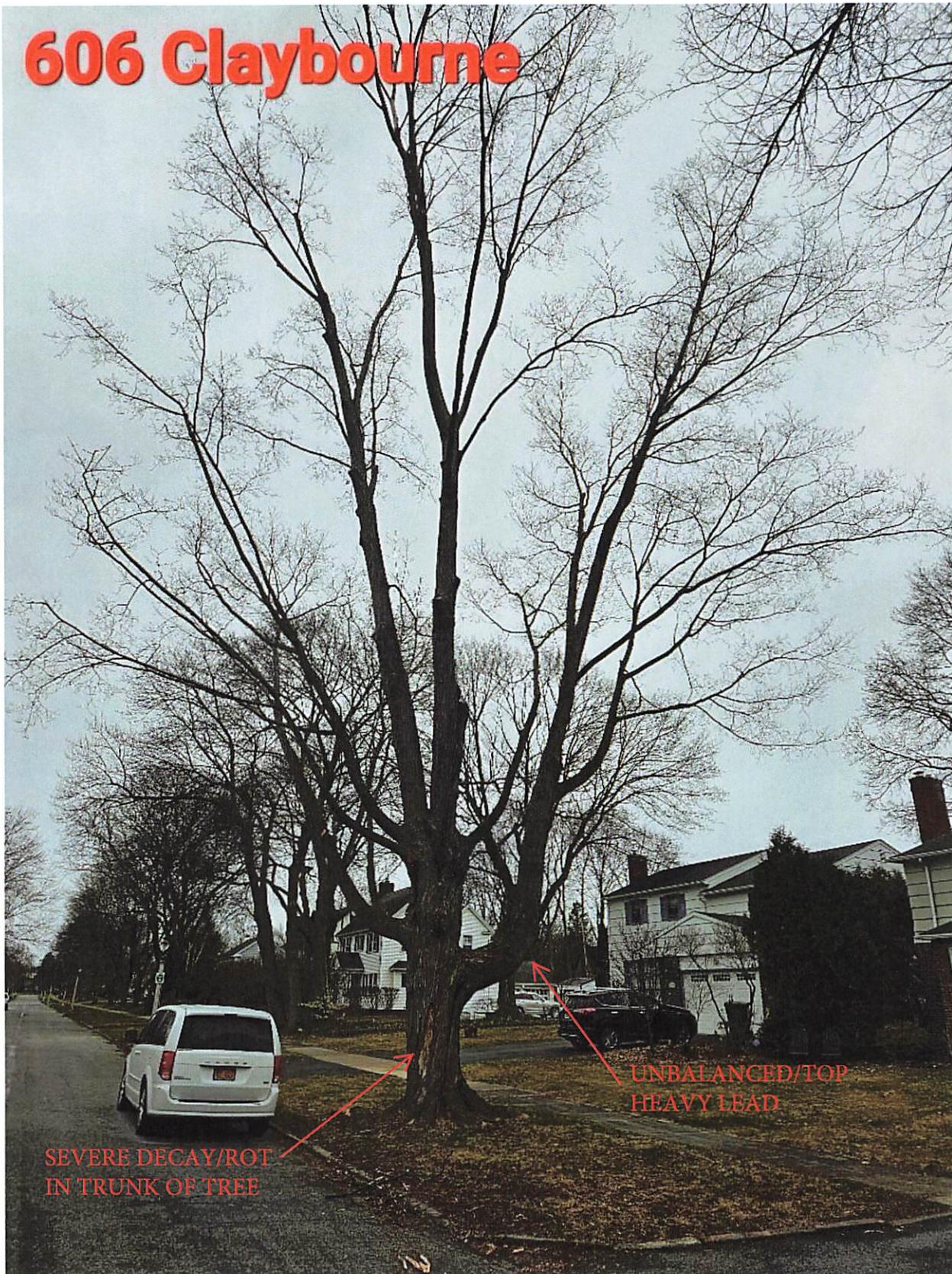
Notification: owner manager governing agency

Date: 3-29-23

COMMENTS

Severe Decay/rot in Trunk, Dead & Drywood Tree, Included Bark, Girdling, Bent
Unbalance/Top Heavy with lead. High Potential for Failure, Recommend
Prune out and replace with new tree.

606 Claybourne



606 Claybourne

SEVERELY EXPOSED ROOTS

606 Claybourne



DECAY/ROT/DEADWOOD
SEVERE INSECT/BORER DAMAGE
LOOSE CRACKED/SPLITTING BARK

606 Claybourne





A Photographic Guide to the Evaluation of Hazard Trees in Urban Areas 4-4-23

TREE HAZARD EVALUATION FORM 2nd Edition

Site/Address: 614 Claybourne

Map/Location: _____

Owner: public _____ private _____ unknown _____ other _____

Date: 3-27-23 Inspector: Zachariah A. Potter Jr.

Date of last inspection: Unknown

HAZARD RATING:

4 + 4 + 4 = 12
Failure Potential + Size of part + Target Rating = Hazard Rating

Immediate action needed

Needs further inspection

Dead tree

TREE CHARACTERISTICS

Tree #: 2407 Species: Sugar Maple

DBH: 19.16 # of trunks: 4 Height: 40-50 Spread: 20-30 6'10"

Form: generally symmetric minor asymmetry major asymmetry stump sprout stag-headed

Crown class: dominant co-dominant intermediate suppressed

Live crown ratio: _____ % Age class: young semi-mature mature over-mature/senescence

Pruning history: crown cleaned excessively thinned topped crown raised pollarded crown reduced flush cuts cabled/braced
 none multiple pruning events Approx. dates: _____

Special Value: specimen heritage/historic wildlife unusual street tree screen shade indigenous protected by gov. agency

TREE HEALTH

Foliation color: normal chlorotic necrotic Epiphytes? Y N

Foliation density: normal sparse Leaf size: normal small

Annual shoot growth: excellent average poor Twig Dieback? Y N

Wound/wood development: excellent average poor none

Vigor class: excellent average fair poor

Major pests/diseases: Heart Rot Disease, Nesting holes, Severe decay/rot

SITE CONDITIONS

Site Character: residence commercial industrial park open space natural woodland/forest

Landscape type: parkway raised bed container mound lawn shrub border wind break

Irrigation: none adequate inadequate excessive trunk wetted

Recent site disturbance? Y N construction soil disturbance grade change line clearing site clearing

% dripline paved: 0% 10-25% 25-50% 50-75% 75-100% Pavement lifted? Y N

% dripline w/ fill soil: 0% 10-25% 25-50% 50-75% 75-100%

% dripline grade lowered: 0% 10-25% 25-50% 50-75% 75-100%

Soil problems: drainage shallow compacted droughty saline alkaline acidic small volume disease center history of fall
 clay expansive slope _____ aspect: _____

Obstructions: lights signage line-of-sight view overhead lines underground utilities traffic adjacent veg. _____

Exposure to wind: single tree below canopy above canopy recently exposed windward, canopy edge area prone to windthrow

Prevailing wind direction: W Occurrence of snow/ice storms never seldom regularly

TARGET

Use Under Tree: building parking traffic pedestrian recreation landscape hardscape small features utility lines

Can target be moved? Y N Can use be restricted? Y N

Occupancy: occasional use intermittent use frequent use constant use

TREE DEFECTS

ROOT DEFECTS:

Suspect root rot: Y N Mushroom/conk/bracket present: Y N ID: _____

Exposed roots: severe moderate low Undermined: severe moderate low

Root pruned: _____ distance from trunk Root area affected: _____ % Buttress wounded: Y N When: _____

Restricted root area: severe moderate low Potential for root failure: severe moderate low

LEAN: 10 deg. from vertical natural unnatural self-corrected Soil heaving: Y N

Decay in plane of lean: Y N Roots broken Y N Soil cracking: Y N

Compounding factors: _____ Lean severity: severe moderate low

CROWN DEFECTS: Indicate presence of individual defects and rate their severity (s = severe, m = moderate, l = low)

DEFECT	ROOT CROWN	TRUNK	SCAFFOLDS	BRANCHES
Poor taper				
Bow, sweep				
Codominants/forks				
Multiple attachments		S	S	
Included bark		S	S	S
Excessive end weight				
Cracks/splits	S	S	S	
Hangers				
Girdling	S			
Wounds/seam	S	S	S	1
Decay	m	S	S	S
Cavity				
Conks/mushrooms/bracket				
Bleeding/sap flow				
Loose/cracked bark	S	S	S	S
Nesting hole/bee hive	S	S	S	S
Deadwood/stubs		S	m	m
Borers/termites/ants	m	m	m	m
Cankers/galls/burls				
Previous failure	S	S	S	S

HAZARD RATING

Tree part most likely to fail: Roots / Trunk / scaffolds

Inspection period: _____ annual _____ biannual _____ other _____

Failure Potential + Size of Part + Target Rating = Hazard Rating

4 + 4 + 4 = 12

Failure potential: 1 - low; 2 - medium; 3 - high; 4 - severe

Size of part: 1 - <5" (15 cm); 2 - 6-18" (15-45 cm);

3 - 18-30" (45-75 cm); 4 - >30" (75 cm)

Target rating: 1 - occasional use; 2 - intermittent use;

3 - frequent use; 4 - constant use

HAZARD ABATEMENT

Prune: remove defective part reduce end weight crown clean thin raise canopy crown reduce restructure shape

Cable/Brace: _____ Inspect further: root crown decay aerial monitor

Remove tree: Y N Replace? Y N Move target: Y N Other: _____

Effect on adjacent trees: none evaluate

Notification: owner manager governing agency

Date: 3-29-23

COMMENTS

Recommend Removal and Replace. Dead & Dying Tree w/ severe Decay/Rot.

614 Claybourne



614 Claybourne



614 Claybourne





4-4-23

A Photographic Guide to the Evaluation of Hazard Trees in Urban Areas
TREE HAZARD EVALUATION FORM 2nd Edition

Site/Address: 88 Cheswell Way

Map/Location:

Owner: public private unknown other

Date: 4/4/23 Inspector: Kyle Sears

Date of last inspection:

HAZARD RATING:

4 + 3 + 4 = 11
Failure Potential + Size of part + Target Rating = Hazard Rating

Immediate action needed

Needs further inspection

Dead tree/Dying/Declining

TREE CHARACTERISTICS

Tree #: 4543 Species: Norway Maple

DBH: 23" # of trunks: 1 Height: 50' Spread: 20'

Form: generally symmetric minor asymmetry major asymmetry stump sprout stag-headed

Crown class: dominant co-dominant intermediate suppressed

Live crown ratio: 65 % Age class: young semi-mature mature over-mature/senescence

Pruning history: crown cleaned excessively thinned topped crown raised pollarded crown reduced flush cuts cabled/braced
 none multiple pruning events Approx. dates: _____

Special Value: specimen heritage/historic wildlife unusual street tree screen shade indigenous protected by gov. agency

TREE HEALTH

Foliage color: normal chlorotic necrotic Epicormics? Y N

Growth obstructions:

Foliage density: normal sparse

Leaf size: normal small

stakes wire/ties signs cables

Annual shoot growth: excellent average poor Twig Dieback? Y N

curb/pavement guards

Woundwood development: excellent average poor none

other _____

Vigor class: excellent average fair poor

Major pests/diseases: Heart Rot Disease (mushrooms), Nesting Hole/cavity @ Root Collar

SITE CONDITIONS

Site Character: residence commercial industrial park open space natural woodland/forest

Landscape type: parkway raised bed container mound lawn shrub border wind break

Irrigation: none adequate inadequate excessive trunk wetted

Recent site disturbance? Y construction soil disturbance grade change line clearing site clearing

% dripline paved: 0% 10-25% 25-50% 50-75% 75-100% Pavement lifted? Y

% dripline w/fill soil: 0% 10-25% 25-50% 50-75% 75-100%

% dripline grade lowered: 0% 10-25% 25-50% 50-75% 75-100%

Soil problems: drainage shallow compacted droughty saline alkaline acidic small volume disease center history of fail
 clay expansive slope _____ aspect: _____

Obstructions: lights signage line-of-sight view overhead lines underground utilities traffic adjacent veg. _____

Exposure to wind: single tree below canopy above canopy recently exposed windward, canopy edge area prone to windthrow

Prevailing wind direction: Westerly Occurrence of snow/ice storms never seldom regularly

TARGET

Use Under Tree: building parking traffic pedestrian recreation landscape hardscape small features utility lines

Can target be moved? Y Can use be restricted? Y

Occupancy: occasional use intermittent use frequent use constant use

TREE DEFECTS

ROOT DEFECTS:

Suspect root rot: Y N Mushroom/conk/bracket present: Y N ID: _____

Exposed roots: severe moderate low Undermined: severe moderate low

Root pruned: _____ distance from trunk Root area affected: _____ % Buttress wounded: Y N When: _____

Restricted root area: severe moderate low Potential for root failure: severe moderate low

LEAN: 20 deg. from vertical natural unnatural self-corrected Soil heaving: Y N

Decay in plane of lean: Y N Roots broken Y N Soil cracking: Y N

Compounding factors: Severe Decay/Rot, unbalanced and Top Heavy Lean severity: severe moderate low

CROWN DEFECTS: Indicate presence of individual defects and rate their severity (s = severe, m = moderate, l = low)

DEFECT	ROOT CROWN	TRUNK	SCAFFOLDS	BRANCHES
Poor taper				
Bow, sweep				
Codominants/forks				
Multiple attachments				
Included bark		S		
Excessive end weight		S	S	
Cracks/splits		S		
Hangers				
Girdling				
Wounds/seam				
Decay	S	S		
Cavity	S			
Conks/mushrooms/bracket		S		
Bleeding/sap flow		S		
Loose/cracked bark		S		
Nesting hole/bee hive	S			
Deadwood/stubs				
Borers/termites/ants			M	
Cankers/galls/burls				
Previous failure				

HAZARD RATING

Tree part most likely to fail: TRUNK

Inspection period: _____ annual _____ biannual _____ other _____

Failure Potential + Size of Part + Target Rating = Hazard Rating

Failure potential: 1 - low; 2 - medium; 3 - high; 4 - severe

Size of part: 1 - <6" (15 cm); 2 - 6-18" (15-45 cm);
3 - 18-30" (45-75 cm); 4 - >30" (75 cm)

Target rating: 1 - occasional use; 2 intermittent use;
3 - frequent use; 4 - constant use

4 + 3 + 4 = 11

HAZARD ABATEMENT

Prune: remove defective part reduce end weight crown clean thin raise canopy crown reduce restructure shape

Cable/Brace: _____ Inspect further: root crown decay aerial monitor

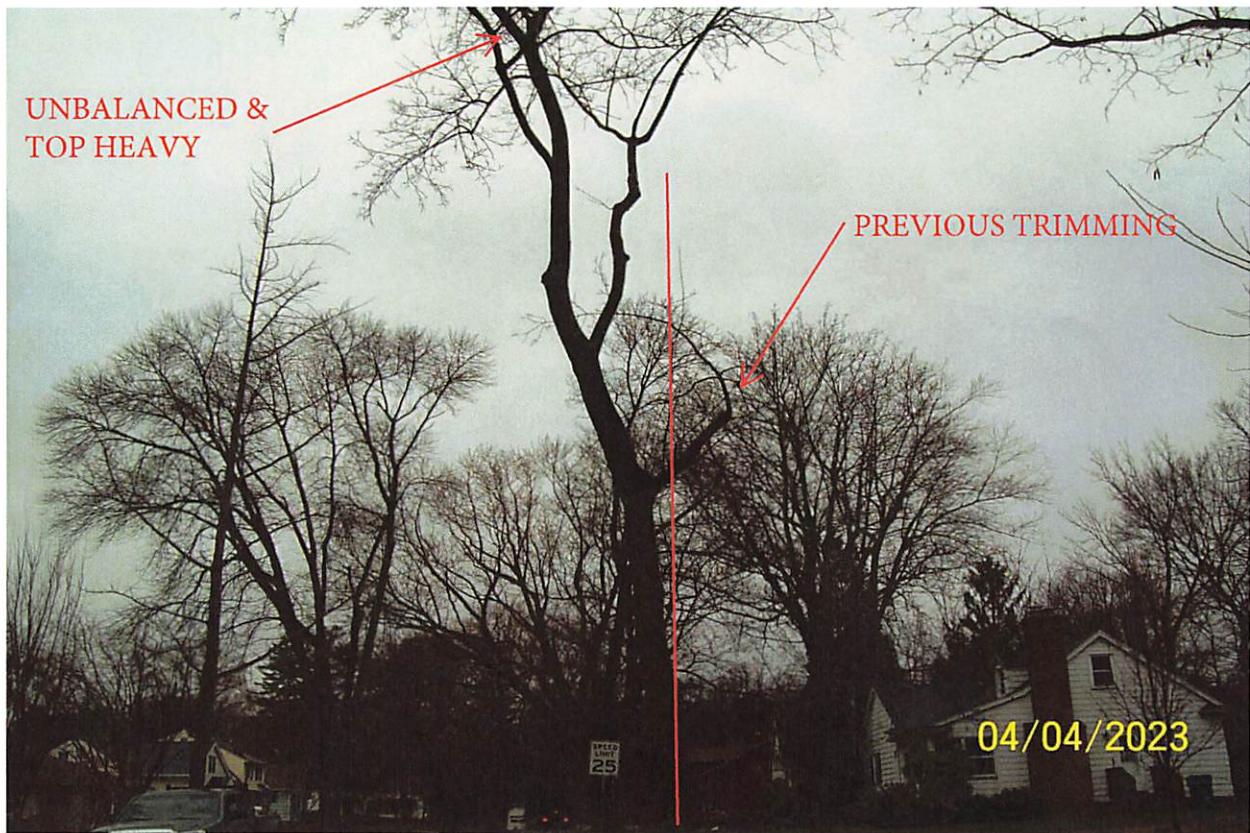
Remove tree: Y N Replace? Y N Move target: Y N Other: _____

Effect on adjacent trees: none evaluate

Notification: owner manager governing agency Date: 4/4/23

COMMENTS

Indication of Heart Rot Disease (mushroom Growth/Severe Decay & Rot in cut where lead was previously removed). Unbalanced and Top Heavy with major cavity/ nesting hole evident @ Root collar. Recommend Immediate Removal [High Risk Potential] and replace w/ new tree.









A Photographic Guide to the Evaluation of Hazard Trees in Urban Areas

TREE HAZARD EVALUATION FORM 2nd Edition

Site/Address: 272 Sylvan Rd.

Map/Location: Tree is along Seminole Way

Owner: public private unknown other

Date: 4/5/23 Inspector: Kyle Sears

Date of last inspection: _____

HAZARD RATING:

4 + 4 + 4 = 12
Failure Potential + Size of part + Target Rating = Hazard Rating

Immediate action needed
 Needs further inspection
 Dead tree [High Risk Potential]

TREE CHARACTERISTICS

Tree #: 1224 Species: Silver Maple

DBH: 44" # of trunks: 1 Height: 55' Spread: 50' (3 Leads)

Form: generally symmetric minor asymmetry major asymmetry stump sprout stag-headed

Crown class: dominant co-dominant intermediate suppressed

Live crown ratio: 85 % Age class: young semi-mature mature over-mature/senescent

Pruning history: crown cleaned excessively thinned topped crown raised pollarded crown reduced flush cuts cabled/braced
 none multiple pruning events Approx. dates: _____

Special Value: specimen heritage/historic wildlife unusual street tree screen shade indigenous protected by gov. agency

TREE HEALTH

N/A Foliage color: normal chlorotic necrotic Epicormics? Y N

Growth obstructions:

N/A Foliage density: normal sparse Leaf size: normal small

stakes wire/ties signs cables

Annual shoot growth: excellent average poor Twig Dieback? Y N

curb/pavement guards

Woundwood development: excellent average poor none

other SIDEWALKS

Vigor class: excellent average fair poor

Major pests/diseases: Heart Rot Disease, Nesting holes, Evidence of Insects, Cavities & Decay

SITE CONDITIONS

Site Character: residence commercial industrial park open space natural woodland/forest

Landscape type: parkway raised bed container mound lawn shrub border wind break

Irrigation: none adequate inadequate excessive trunk wetted

Recent site disturbance? Y construction soil disturbance grade change line clearing site clearing

% dripline paved: 0% 10-25% 25-50% 50-75% 75-100% Pavement lifted? Y

% dripline w/ fill soil: 0% 10-25% 25-50% 50-75% 75-100%

% dripline grade lowered: 0% 10-25% 25-50% 50-75% 75-100%

Soil problems: drainage shallow compacted droughty saline alkaline acidic small volume disease center history of fail
 clay expansive slope ____ ° aspect: _____

Obstructions: lights signage line-of-sight view overhead lines underground utilities traffic adjacent veg. _____

Exposure to wind: single tree below canopy above canopy recently exposed windward, canopy edge area prone to windthrow

Prevailing wind direction: Westerly Occurrence of snow/ice storms never seldom regularly

TARGET

Use Under Tree: building parking traffic pedestrian recreation landscape hardscape small features utility lines

Can target be moved? Y Can use be restricted? Y

Occupancy: occasional use intermittent use frequent use constant use

TREE DEFECTS

ROOT DEFECTS:

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Compounding factors: Restricted area, over-mature tree Lean severity: severe moderate low

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Poor taper				
Bow, sweep				
Codominants/forks		s	s	
Multiple attachments		s	s	
Included bark		s	s	s
Excessive end weight		s	s	
Cracks/splits	m		s	
Hangers	m		s	m
Girdling	s			
Wounds/seam		s	m	
Decay	m	m	s	
Cavity	m	m	s	
Conks/mushrooms/bracket			l	
Bleeding/sap flow		s	m	
Loose/cracked bark		s	m	
Nesting hole/bee hive	m	m	s	
Deadwood/stubs			m	m
Borers/termites/ants	m	m	m	
Cankers/galls/burls		m	m	
Previous failure			s	s

HAZARD RATING

Tree part most likely to fail: TRUNK

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Cable/Brace: _____ Inspect further: root crown decay aerial monitor

Remove tree: Y N Replace? Y N Move target: Y N Other: _____

Effect on adjacent trees: none evaluate

Notification: owner manager governing agency Date: _____

COMMENTS

* Recommend Immediate Removal & Replace, Over-mature tree in restricted growth area, Heart Rot Disease, multiple Nesting holes, Horizontal Stress cracks, Bleeding/SAP Flow, Root Plating, exposed Roots and included Bark. Tree has had multiple

