



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

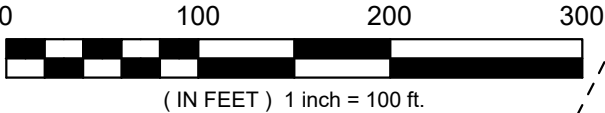
REFERENCES:

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

SURVEY NOTES:

- 1. NO FIELD SURVEY COMPLETED AS PART OF THE PREPERATION 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 CONTRACTORS EXPENSE.

GRAPHIC SCALE



45 HENDRIX ROAD
WEST HENRIETTA, NY 14586
PHONE (585) 359-7540
FAX (585) 359-7547

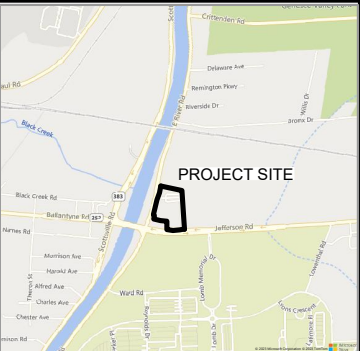
NO:	DATE:	BY:	REVISIONS PER:
1	6/5/23	MJG	TOWN COMMENTS
2			
3			
4			
5			
6			

PROJECT NAME:

DISTRICT
EXTENSION MAP

MAP SHOWING PROPOSED
STANDALONE EXTENSION
TO THE BRIGHTON
CONSOLIDATED SEWER
DISTRICT

SITUATE IN PART OF
TOWN OF BRIGHTON
MONROE COUNTY
NEW YORK STATE



DRAFTED BY: M.J.G.
CHECKED BY: C.R.T.
APPROVED BY: C.R.T.
DATE: 05/03/2023
PROJECT NO: 70210230

DRAWING TITLE:
DISTRICT EXTENSION

DRAWING SCALE:
1" = 100'

DRAWING No.:
70210230 DISTRICT EXT.

SCOTTSVILLE ROAD

GENESEE RIVER

TOWN OF CHILI
TOWN OF BRIGHTON

EAST RIVER ROAD CR-84
(66' WIDE R.O.W.)

JEFFERSON ROAD
NYS-252
(66' WIDE R.O.W.)

TOWN OF BRIGHTON
TOWN OF HENRIETTA

PROPOSED STANDALONE
EXTENSION TO THE
BRIGHTON CONSOLIDATED
SEWER DISTRICT

N/F SFIKAS/WERNER LP
40 JEFFERSON RD.
T.A.# 147.20-1-8.111
L 8877 P 345

N/F ROCHESTER INST OF TECHNOLOGY
JEFFERSON RD.
T.A.# 147.20-1-8.21
L 7868 P 43

N/F ROCHESTER
INST OF
TECHNOLOGY
BRONX DRIVE
T.A.# 147.20-1-7.1
L 7868 P 43

N/F
ROCHESTER
INST OF
TECHNOLOGY
JEFFERSON
RD.
T.A.#
147.20-1-8.21
L 7868 P 43

POINT OF BEGINNING

HIGHWAY BOUNDARY

HIGHWAY BOUNDARY



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: Kyle Sears

Date of last inspection: _____

HAZARD RATING:

<u>3</u>	+	<u>3</u>	+	<u>4</u>	=	<u>10</u>
Failure Potential		Size of part		Target Rating		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-headed

Crown class: ☐ dominant ☒ co-dominant ☐ intermediate ☐ suppressed

Live crown ratio: 90 % 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

Foliage color: ☐ normal ☐ chlorotic ☐ necrotic Epicormics? Y N

Foliage 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: _____

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 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

High Risk - TOP Heavy (Aged & Height of Tree)

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: 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) ^{previous}

Compounding factors: Excessive End weight, Horizontal Cracks, Failure(s) 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/burrs				
Previous failure			S	S

HAZARD RATING

Tree part most likely to fail: TRUNK

Inspection period: _____ annual _____ biannual _____ other _____

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

3 + 3 + 4 = 10

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

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

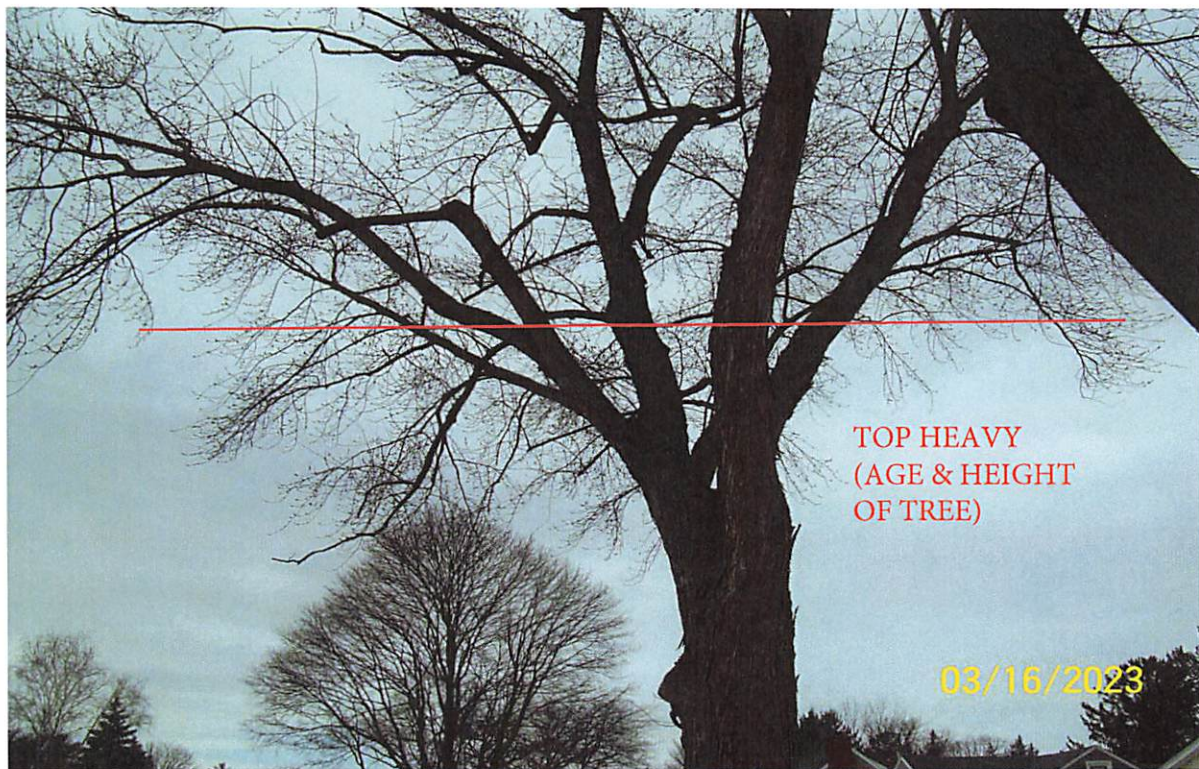
Remove tree: (Y) N Replace? (Y) N Move target: Y (N) Other: _____

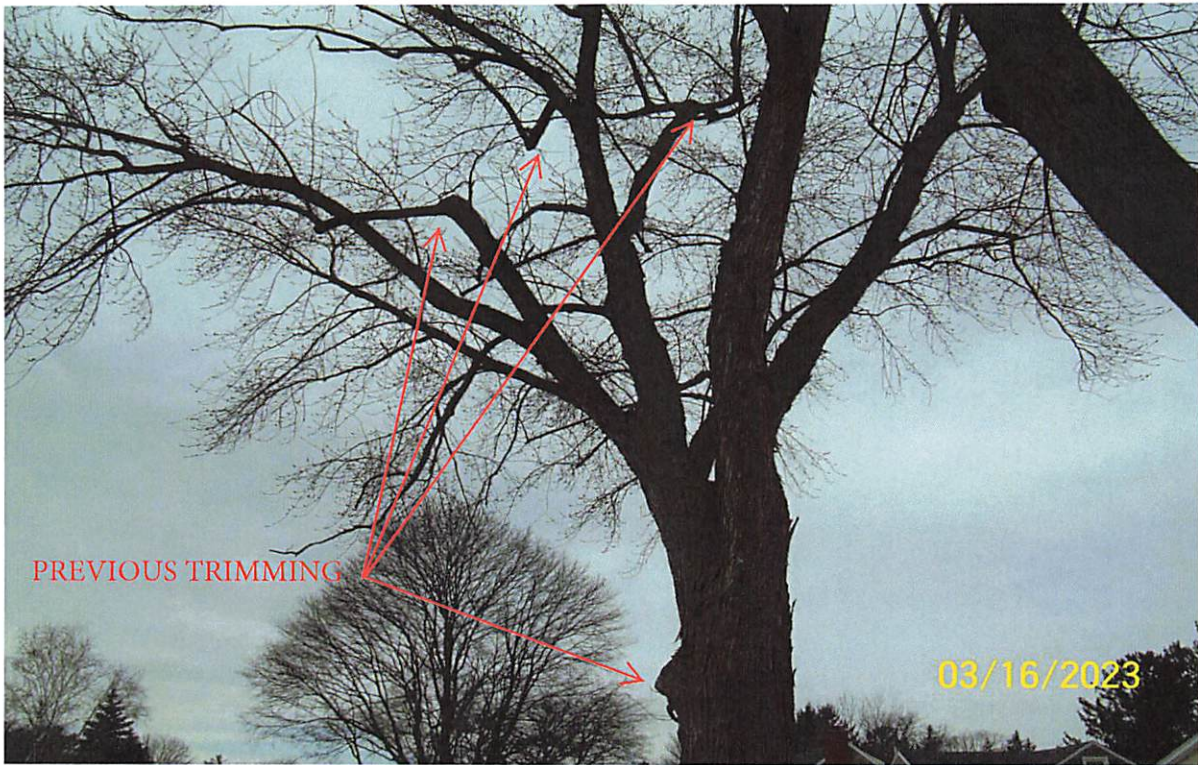
Effect on adjacent trees: ☒ none ☐ evaluate

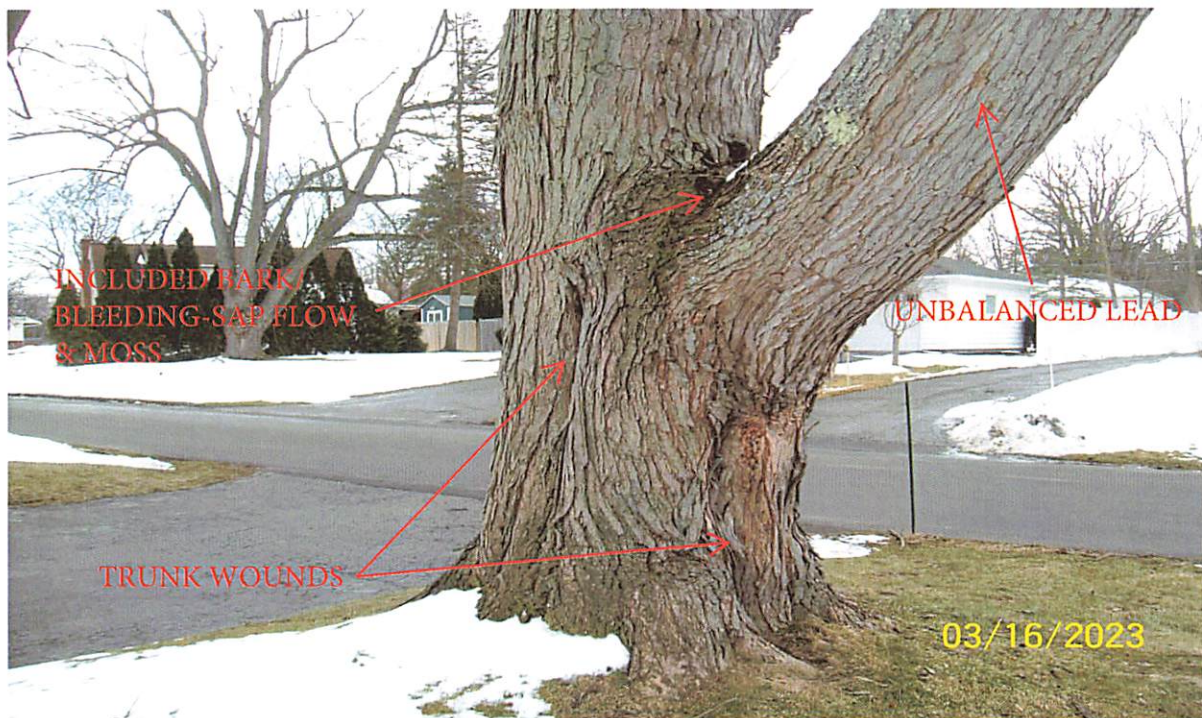
Notification: ☒ owner ☐ manager ☐ governing agency Date: _____

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:				
<u>3</u>	+	<u>3</u>	+	<u>4</u>
Failure		Size		
Potential		of part		
		Target		
		Rating		
			=	<u>10</u>
				Hazard
				Rating
<input checked="" type="checkbox"/>		Immediate action needed		
<input type="checkbox"/>		Needs further inspection		
<input type="checkbox"/>		Dead tree		

TREE CHARACTERISTICS

Tree #: 35/6 Species: Silver Maple * (High Risk Potential, Recurring 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/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 ☐
N/A Foliage 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: _____

Growth obstructions:

☐ stakes ☐ wire/ties ☐ signs ☐ cables
☒ curb/pavement ☐ guards
☐ other sidewalk, Driveway

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		
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 @ lead connector

Inspection period: _____ annual _____ biannual _____ other _____

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

3 + 3 + 4 = 10

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

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

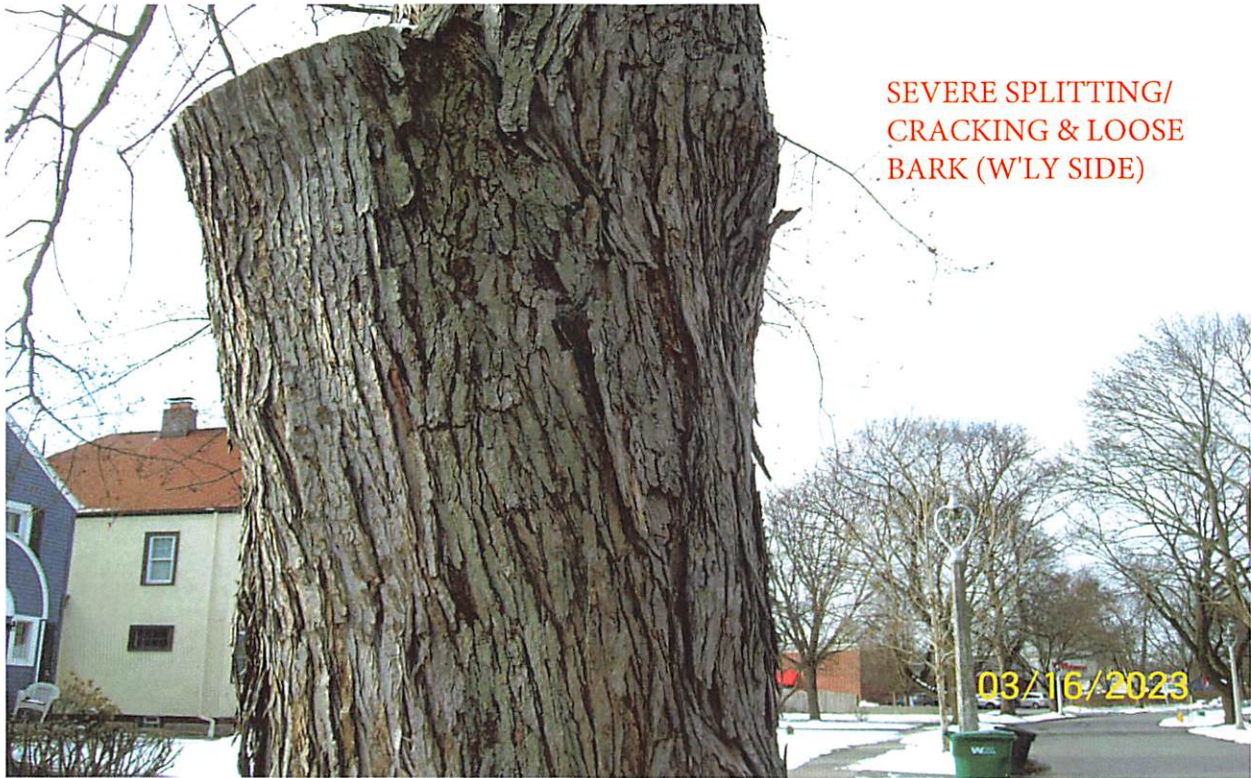
Remove tree: (Y) N Replace? (Y) N Move target: Y (N) Other: _____

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 n, Road, Sidewalk and Driveway along with U.G utilities. Recommend Remove & Replace.



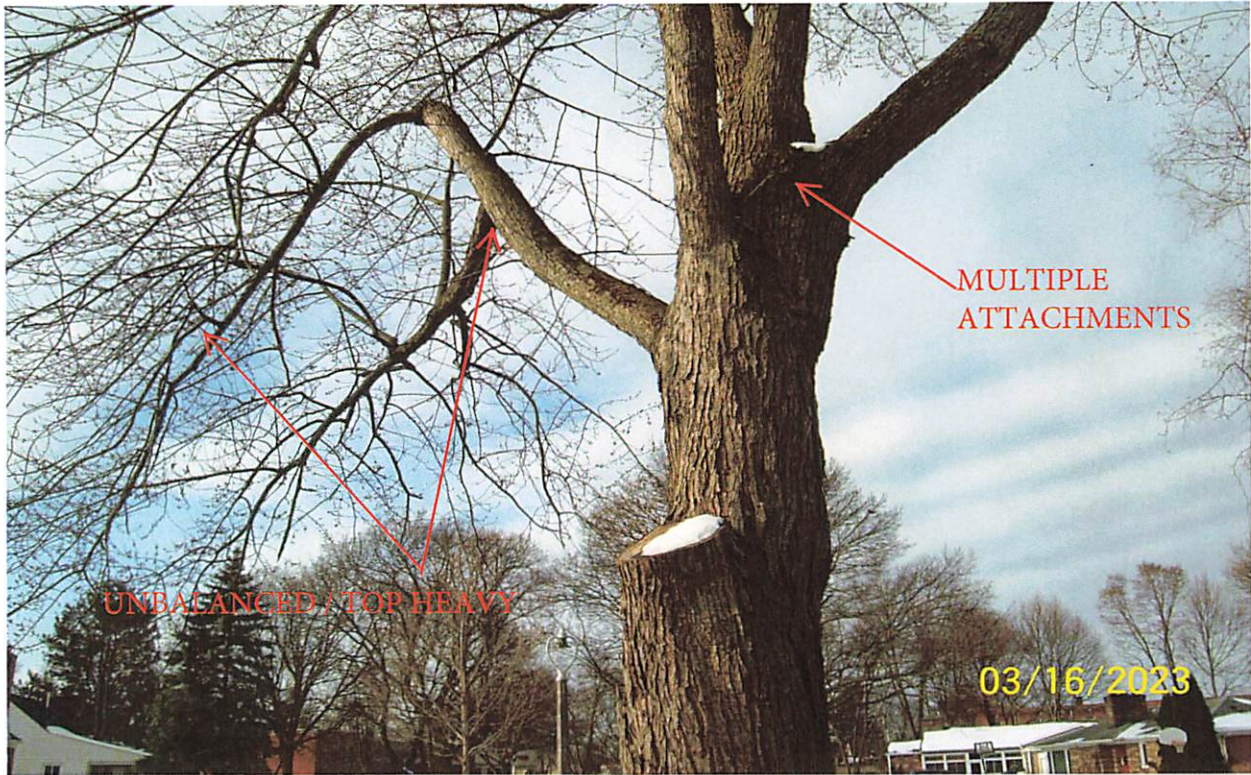
SEVERE SPLITTING/
CRACKING & LOOSE
BARK (W'LY SIDE)

03/16/2023



SEVERE SPLITTING/
CRACKING & LOOSE
BARK (E'LY SIDE)

03/16/2023







**TREE HAZARD EVALUATION FORM** 2nd Edition

Site/Address: 606 Claybourne
 Map/Location: _____
 Owner: public _____ private _____ unknown _____ other _____
 Date: 3.27.23 Inspector: Zachariah A. Potter 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/senescent
 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

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: Severe Decay, Rot in Trunk, Severe Insect Damage

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: 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 Undersided: ☐ 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 - <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

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

Severe Decay/Rot in Trunk, Dead & Dying Tree, Included Bark, Girdling, Severe
Unbalance/Top Heavy tree lead. High Potential for Failure, Recommend
Removal and replace with new tree.

606 Claybourne



SEVERE DECAY/ROT
IN TRUNK OF TREE

UNBALANCED/TOP
HEAVY LEAD

606 Claybourne



SEVERELY EXPOSED ROOTS

606 Claybourne

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

606 Claybourne



**SEVERE
DECAY/ROT**

**INCLUDED
BARK**

GIRDLING ROOTS

**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:				
<u>4</u>	+	<u>4</u>	+	<u>4</u>
Failure Potential		Size of part		Target Rating
<u>X</u>				<u>12</u>
= Hazard Rating				
<u>X</u> Immediate action needed				
Needs further inspection				
<u>X</u> 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/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

Foliage color: ☐ normal ☐ chlorotic ☐ necrotic Epimeris? 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: Hunt 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 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: 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 Undersided: ☐ 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	
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 - <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

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



NESTING HOLE

PREVIOUS TRIMMING

SEVERE DECAY/ROT
IN TRUNK OF TREE

GIRDLING ROOTS

614 Claybourne

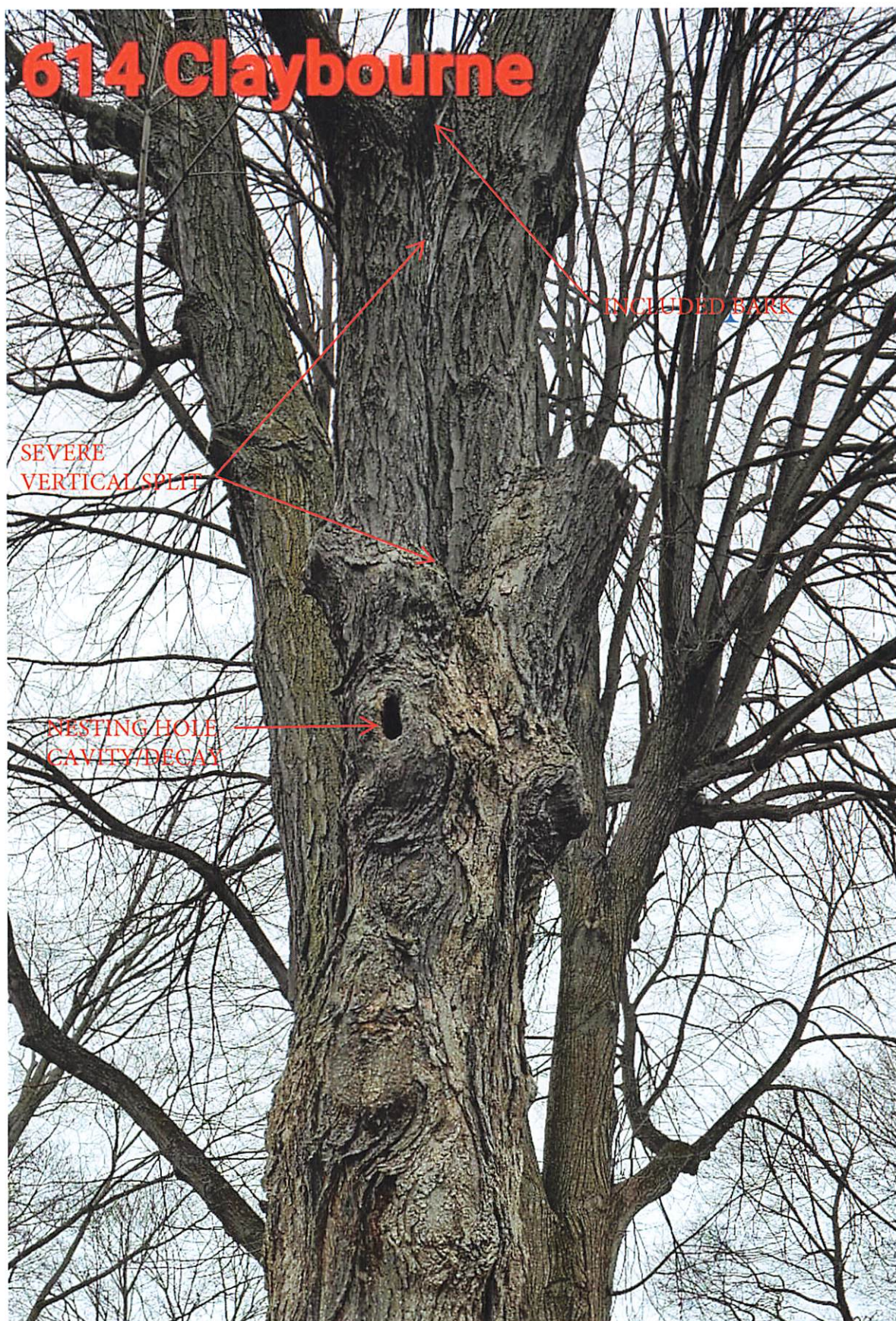


CAVITY/DECAY

← LOOSE/CRACKED
SPLITTING BARK

SEVERELY EXPOSED AND GIRDLING ROOTS

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:			
<u>4</u>	+	<u>3</u>	= <u>11</u>
Failure Potential	+	Size of part	Target Rating = Hazard Rating
<input checked="" type="checkbox"/>			Immediate action needed
<input type="checkbox"/>			Needs further inspection
<input checked="" type="checkbox"/>			Dead tree / <u>Dying</u> / <u>severely Declining</u>

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/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:
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 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: 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

4 + 3 + 4 = 11

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

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

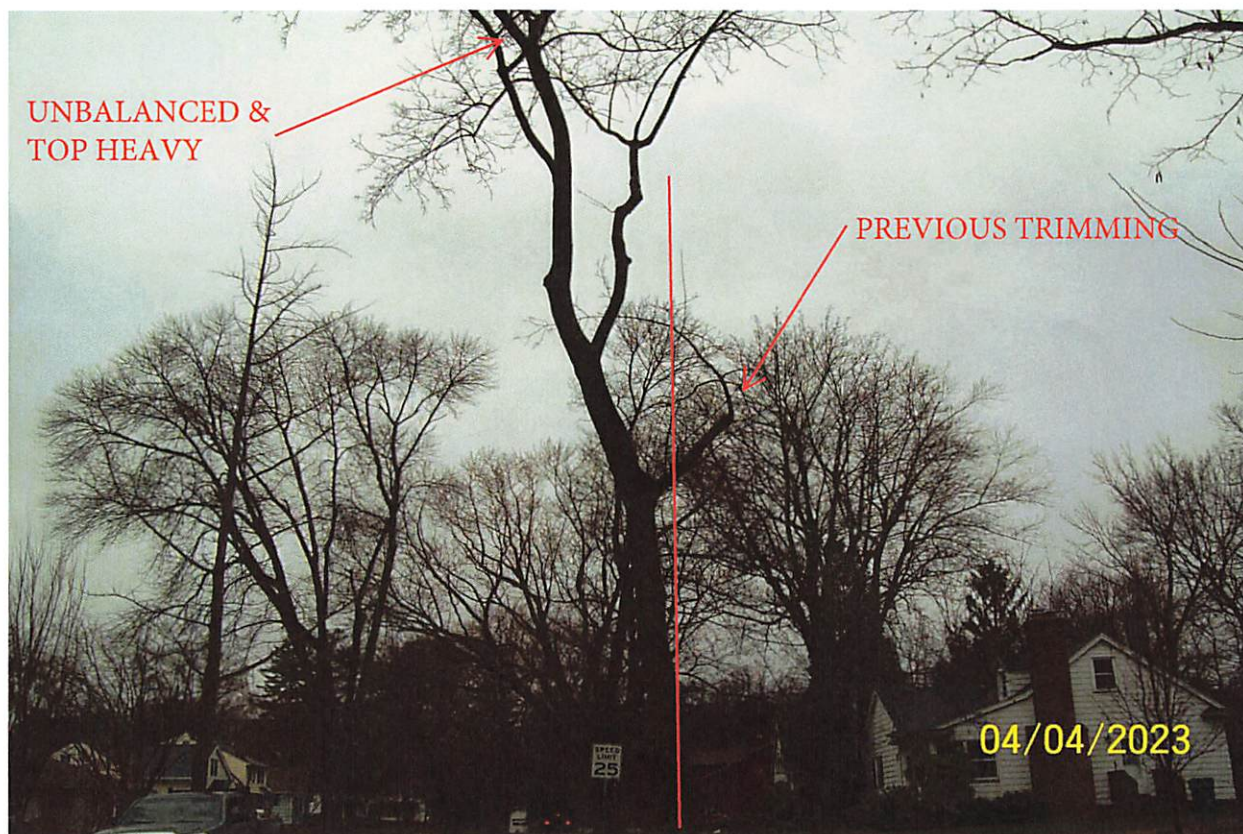
Remove tree: (Y) N Replace? (Y) N Move target: Y (N) Other: _____

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.







SEVERE CAVITY/NESTING HOLE IN ROOT COLLAR



DEPTH OF CAVITY IN ROOT COLLAR



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

TREE HAZARD EVALUATION FORM 2nd EditionSite/Address: 272 Sylvan Rd.Map/Location: Tree is along Seminole WayOwner: public ☒ private ☐ unknown ☐ other ☐Date: 4/5/23 Inspector: Kyle Sears

Date of last inspection: _____

HAZARD RATING:

<u>4</u>	+	<u>4</u>	+	<u>4</u>	=	<u>12</u>
Failure Potential		Size of part		Target Rating		Hazard Rating
<input checked="" type="checkbox"/>						
Immediate action needed						
<input type="checkbox"/> Needs further inspection						
<input type="checkbox"/> Dead tree <u>[High Risk Potential]</u>						

TREE CHARACTERISTICSTree #: 1224 Species: Silver MapleDBH: 44" # of trunks: 1 Height: 55' Spread: 40' (3 Leads)Form: ☐ generally symmetric ☐ minor asymmetry ☒ major asymmetry ☐ stump sprout ☐ stag-headedCrown class: ☐ dominant ☒ co-dominant ☐ intermediate ☐ suppressedLive crown ratio: 85 % Age class: ☐ young ☐ semi-mature ☐ mature ☒ over-mature/senescentPruning 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 NN/A Foliage density: ☐ normal ☐ sparse Leaf size: ☐ normal ☐ smallAnnual shoot growth: ☐ excellent ☐ average ☒ poor Twig Dieback? Y NWoundwood development: ☐ excellent ☐ average ☒ poor ☐ noneVigor class: ☐ excellent ☐ average ☐ fair ☒ poorMajor pests/diseases: Heart Rot Disease, Nesting holes, Evidence of Insects, Cavities & Decay**Growth obstructions:**☐ stakes ☐ wire/ties ☐ signs ☐ cables☒ curb/pavement ☐ guards☐ other SIDEWALKS**SITE CONDITIONS**Site 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)% 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**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: 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: 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			<u>(LEADS)</u>	
Bow, sweep				
Codominants/forks		S	S	
Multiple attachments		S	S	S
Included bark		S	S	
Excessive end weight		S	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

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 - <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

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

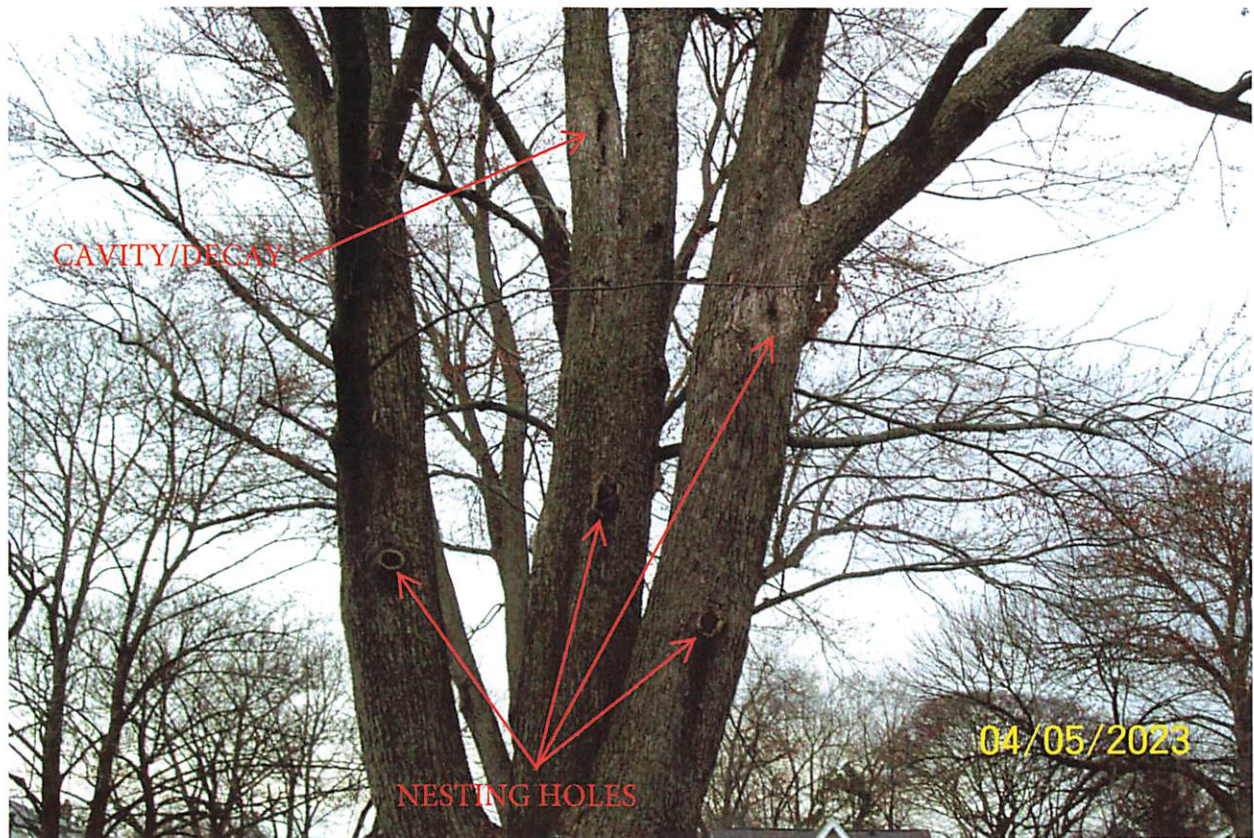
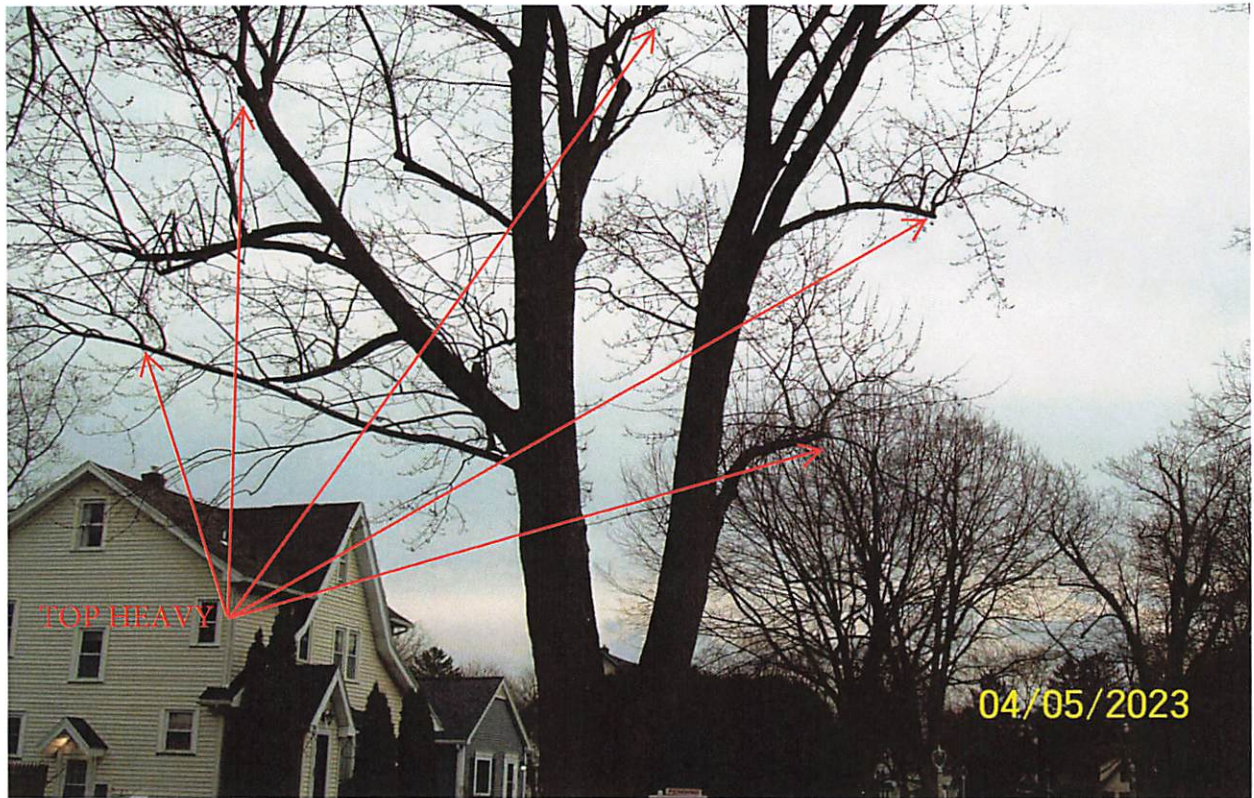
Remove tree: ☒ Y ☐ N Replace? ☒ Y ☐ N Move target: Y ☒ N Other: _____

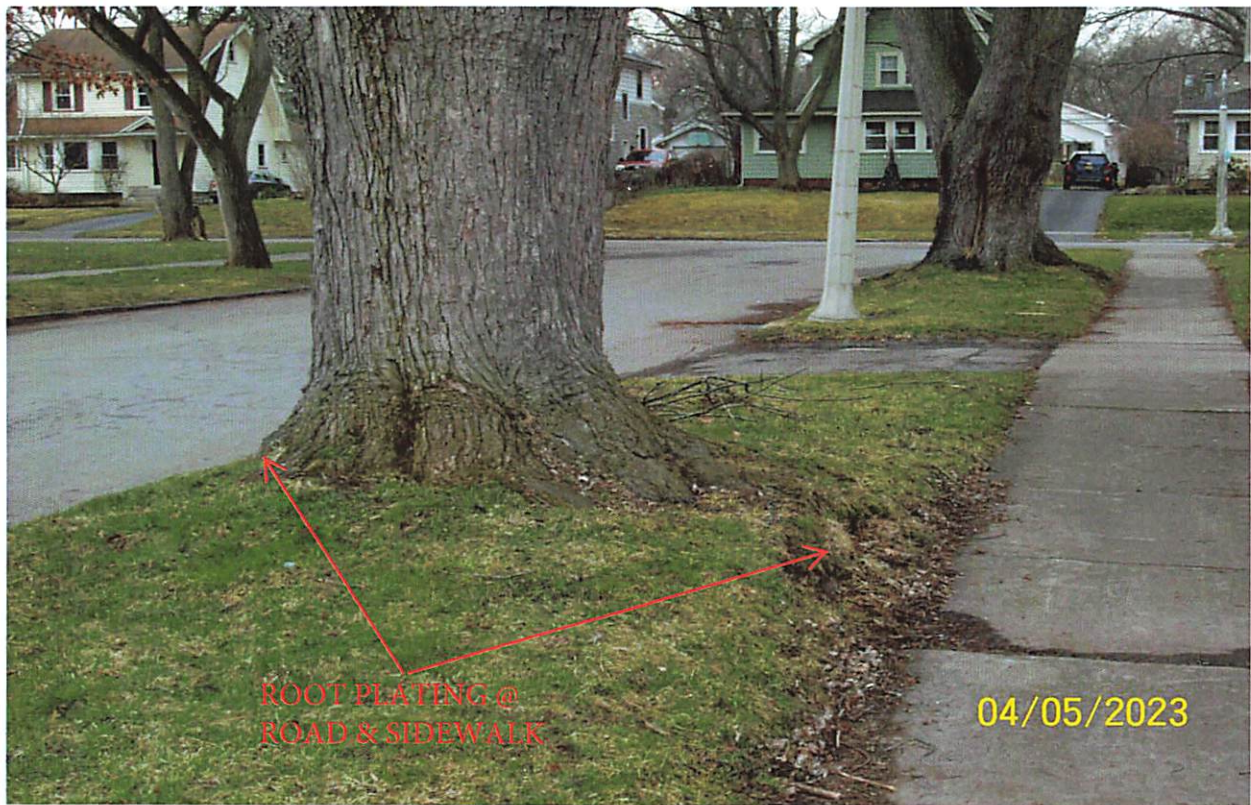
Effect on adjacent trees: ☒ none ☐ evaluate

Notification: ☐ owner ☐ manager ☒ governing agency Date: _____

COMMENTS

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





ROOT PLATING @
ROAD & SIDEWALK

04/05/2023



CAVITY IN ROOT COLLAR

04/05/2023

