



PUBLIC WORKS COMMITTEE

MEETING October 8, 2019

9:00A.M.

Brighton Town Hall

DOWNSTAIRS MEETING ROOM

DRAFT AGENDA

MEETING CALLED TO ORDER:

APPROVE MINUTES:

PUBLIC REVIEW OPEN FORUM: -

MATTER RE: Greenlight Presentation

MATTER RE: Stop Sign at Shaftsbury/Clover St. Intersection

PETITIONS: None

COMMUNICATIONS: None

BIDS:

MATTER RE: Refuse Collection

APPROVE MINUTES:

PUBLIC REVIEW OPEN FORUM:

OLD BUSINESS:

MATTER RE:

NEW BUSINESS

MATTER RE: Linden Oaks Paving Project

MATTER RE: BikeWalk Brighton/Comprehensive Plan Status

MATTER RE: Panarrow Road Refuse District

TREES:

MATTER RE:

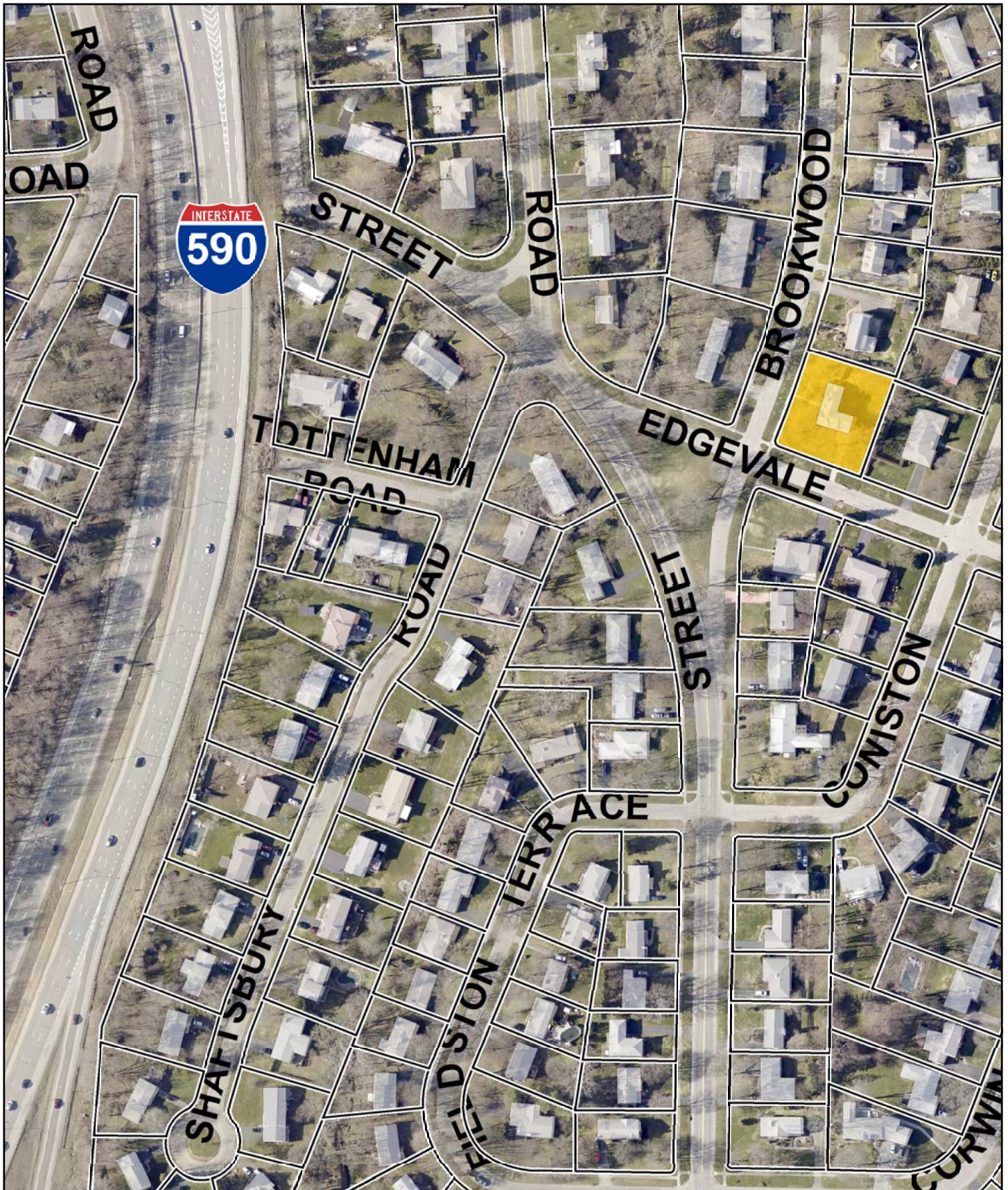
Address	Description	Recommendation
94 Hollywood Avenue	38" Silver Maple	Remove and Replace
240 Thackery Road on Esplanade Dr.	28" Maple	Remove and Replace
1139 Highland Avenue	34" Sugar Maple	Remove and Replace
45 Greenaway Road	32" Silver Maple	Remove and Replace in a New Location
150 Warrington Avenue	22" Maple	Remove and Replace

UPDATES:

MATTER RE: 2019 Paving Update

MEETING ADJOURNED:

NEXT COMMITTEE MEETING: November 5, 2019 at 9:00 A.M

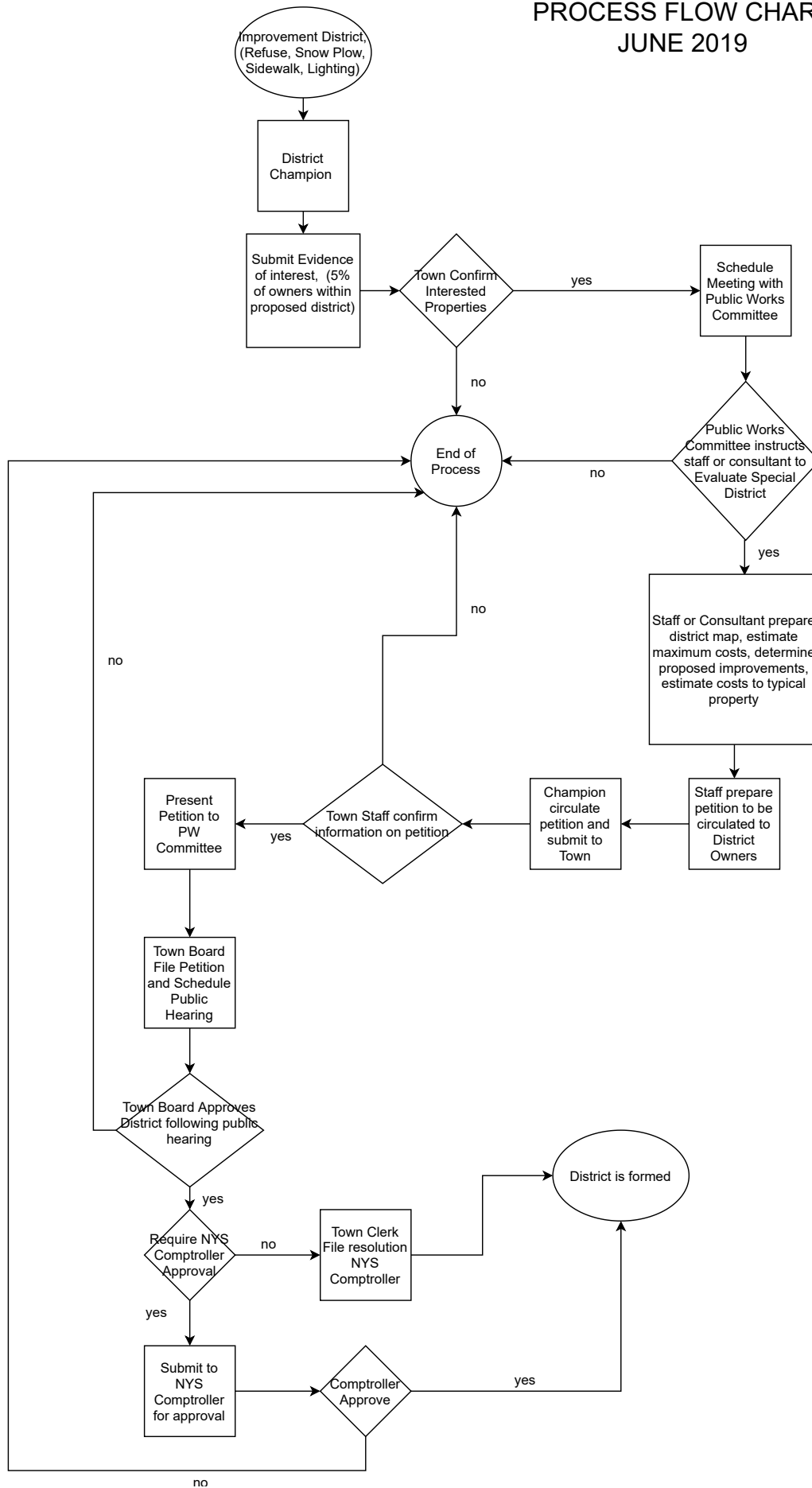


PROJECT TITLE:		SCALE: 1:2,400				
MAP TITLE:		CRS: EPSG:6541				
PREPARER: mguyon	SHEET NO.	/		LOCATION:		2300 Elmwood Avenue Rochester, NY 14618 www.townofbrighton.org
DATE ISSUED: 10/7/2019				Town of Brighton Monroe County, New York		

Type	Recommendation Description	Status
Shared Use Trail	Brickyard Trail	Completed
Shared Use Trail	Highland Crossing Trail	Construction scheduled for completion October 30
Shared Use Trail	Auburn Trail	Whole Foods Incentive Zoning Amenity
Bicycle Blvd	Highland to Town Hall	Completed
Bicycle Blvd	Highland to Canal via Edgewood Ave.	Currently being designed
Sidewalks	Elmwood Avenue Gaps	1925 South Clinton Ave. Incentive Zoning Amenity
Sidewalks	Clinton Avenue Gaps	1925 South Clinton Ave. Incentive Zoning Amenity
Sidewalks	Rue De Ville Gap	1925 South Clinton Ave. Incentive Zoning Amenity
Sidewalks	Lac De Ville Gap	1925 South Clinton Ave. Incentive Zoning Amenity
Sidewalks	W. Henrietta Road Sidewalks	NYDOT Conducting Corridor Safety Study
Sidewalks	French Road	Multi Modal and CDBG Grant. Design 2019 Construct 2019 - 2020
Sidewalks	Edgewood Road	Extend Sidewalks on West side of Allens Creek Bridge completed
Sidewalks	Crittenden Road	Extend Sidewalks from Rustic Village to West Henrietta Road completed
Sidewalk	Westfall Road	Completed as part of CDBG funding
Sidewalk	Winton Road	Completed as part of CDBG funding
Crossing	Westfall Road Crossing	Crossing at Evans Lane
Crossing	S. Landing Road at Klink	Multi Modal Funding. Design 2019 and construct 2020
Crossing	Brickyard Trail & Westfall	Will be constructed as part of Phase II of the Winter Farmer's Market
Crossing	East Avenue/Penfield road intersection	NYSDOT Project will be completed in October 2019
Crossing	Edgewood/Dartford Roads	Construction Completed
Intersection	Monroe Ave/Brooklawn	Currently working with Reconnect Rochester to develop safety improvement
Intersection	East Avenue	NYSDOT Project will be completed in October 2019
Road Diet	East Avenue	NYSDOT Project will be completed in October 2019
Road Diet	South Clinton Ave.	Project completed
Road Impr.	Repave and install new gutter on Highland Ave.	Project completed
Sidewalks	Monroe Avenue GIGP	Project completed
Trails	CFA Grant Application for Multiversity Concept	Application completed

SPECIAL DISTRICT
REFUSE, SNOW PLOW, SIDEWALK AND LIGHTING DISTRICTS

PROCESS FLOW CHART
JUNE 2019





PROJECT TITLE: Penarrow Road Refuse District		SCALE: 1:2,659.72 0 110 220ft				
MAP TITLE: Penarrow Road District Limits		CRS: EPSG:6541 GRS: WGS84				
PREPARER: croscoe	SHEET NO.	/		LOCATION: Town of Brighton Monroe County, New York		
DATE ISSUED: 8/19/2019		2300 Elmwood Avenue Rochester, NY, 14618 www.townofbrighton.org				



Public Works Department

Mike Guyon, P.E.
Commissioner of Public
Works

August 21, 2019

The Honorable Tree Council
Town of Brighton
2300 Elmwood Ave.
Rochester, New York

Re: Trees Evaluations and Recommendations

Honorable Members:

I request your review and comment regarding the proposed recommendations of the following tree(s):

Address	Description	Recommendation
94 Hollywood Avenue	38" Silver Maple	Remove and Replace
240 Thackery Road on Esplanade Dr.	28" Maple	Remove and Replace
1139 Highland Avenue	34" Sugar Maple	Remove and Replace
45 Greenaway Road	32" Silver Maple	Remove and Replace in a New Location
150 Warrington Avenue	22" Maple	Remove and Replace

All of the above trees exhibit compromised health, structural deficiencies and/or safety issues as noted in the attached reports. Each location is a cause for concern of the general public which supports the recommendation to trim, remove and replant these trees as noted.

Thank you for your attention to this matter and I look forward to your review of these trees.

Respectfully,

Michael E. Guyon
Commissioner of Public Works

Attachments

Cc: Tim Anderson

**TREE HAZARD EVALUATION FORM** 2nd EditionSite/Address: 94 HOLLYWOOD

Map/Location: _____

Owner: public ☒ private _____ unknown _____ other _____Date: 4-23-19 Inspector: CARROLL LOVELESS

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

☒ Immediate action needed

_____ Needs further inspection

_____ Dead tree DEETING**TREE CHARACTERISTICS**Tree #: ONE Species: STAVED MAPLEDBH: 38" # of trunks: ONE Height: 70' Spread: 50'Form: ☐ generally symmetric ☐ minor asymmetry ☒ major asymmetry ☐ stump sprout ☒ stag-headedCrown class: ☐ dominant ☒ co-dominant ☐ intermediate ☐ suppressedLive crown ratio: 50 % 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**Foliage color: ☐ normal ☐ chlorotic ☐ necrotic Epicormics? Y NFoliage 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: SQUIRRELS STINGS OF ANTS**Growth obstructions:**☐ stakes ☐ wire/ties ☐ signs ☐ cables☐ curb/pavement ☐ guards☐ other _____**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: WEST Occurrence of snow/ice storms ☐ never ☐ seldom ☐ regularly**TARGET**Use Under Tree: ☒ building ☒ parking ☒ traffic ☒ pedestrian ☒ recreation ☒ landscape ☒ hardscape ☒ small features ☐ utility linesCan target be moved? Y N Can use be restricted? Y NOccupancy: ☐ 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			S	S
Codominants/forks		S	S	
Multiple attachments				
Included bark				
Excessive end weight			S	S
Cracks/splits				
Hangers				
Girdling				
Wounds/seam		S	S	S
Decay		S	S	S
Cavity		S	S	S
Conks/mushrooms/bracket				
Bleeding/sap flow		m		
Loose/cracked bark		m		
Nesting hole/bee hive		S	S	
Deadwood/stubs		m	m	S
Borers/termites/ants		m	m	m
Cankers/galls/burls				
Previous failure			S	m

HAZARD RATING

Tree part most likely to fail: LARGE SCAFFOLDS AT 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: 4-23-19

COMMENTS

THIS TREE HAS SEVERE DECAY IN ITS TRUNK.
VERY LARGE CODOMINANT FORKS W/ EXCESSIVE ENDWEIGHT MEET AT THIS DECAY.
TO HAVE A RISK FACTOR OF ZERO WOULD RECOMMEND REMOVAL & REPLACE.

CL

DECAT

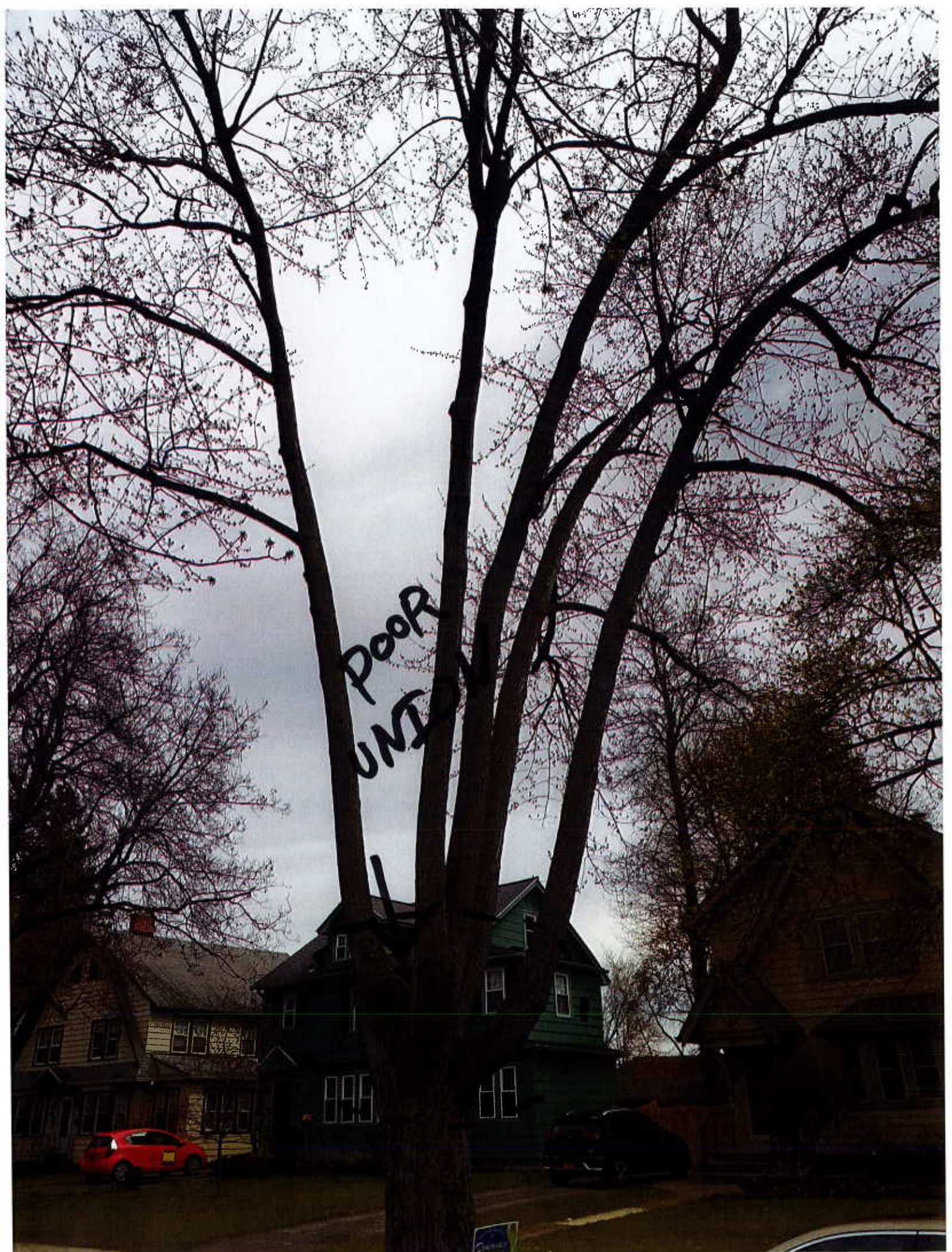


94 Hollywood

Dec 4

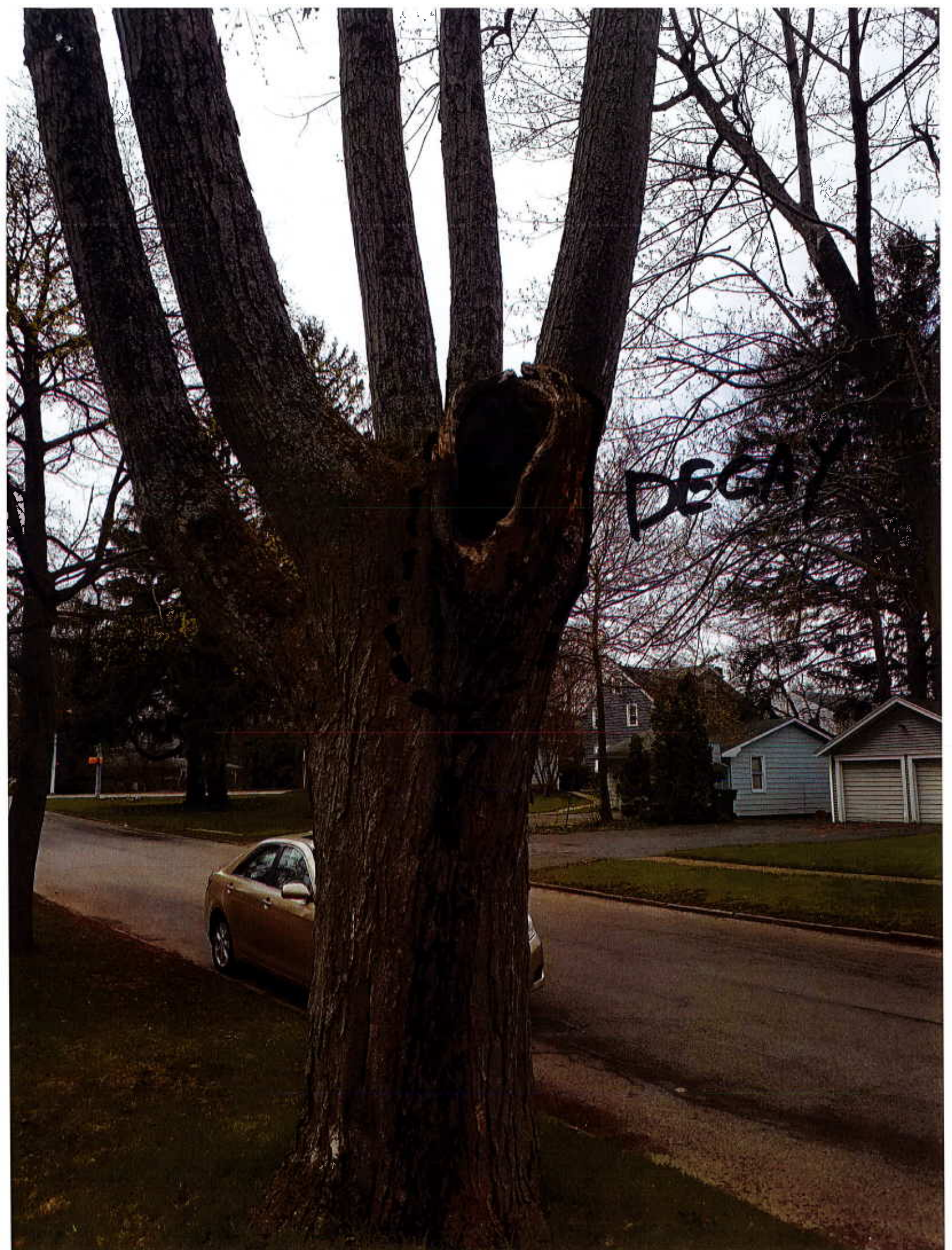


Columbian



Good
10046





U
DECA



TREE HAZARD EVALUATION FORM 2nd Edition

Site/Address: 240 THACKERY RD ON ESPANADE
 Map/Location: _____
 Owner: public _____ private _____ unknown _____ other _____
 Date: 8-3-17 Inspector: CARROLL LOUIE/ISS
 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
☒ Immediate action needed ☐ Needs further inspection ☒ Dead tree						

TREE CHARACTERISTICS

Tree #: 3 Species: MAPLE
 DBH: 28" # of trunks: ONE Height: 50' Spread: 50'
 Form: ☐ generally symmetric ☐ minor asymmetry ☐ major asymmetry ☐ stump sprout ☒ stag-headed **MANUAL TAKE DOWN**
 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 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: _____

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: _____ 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				
Multiple attachments				
Included bark				
Excessive end weight				
Cracks/splits				
Hangers				
Girdling				
Wounds/seam				
Decay				
Cavity				
Conks/mushrooms/bracket				
Bleeding/sap flow				
Loose/cracked bark				
Nesting hole/bee hive				
Deadwood/stubs				
Borers/termites/ants				
Cankers/galls/burls				
Previous failure				

HAZARD RATING

Tree part most likely to fail: _____

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: _____

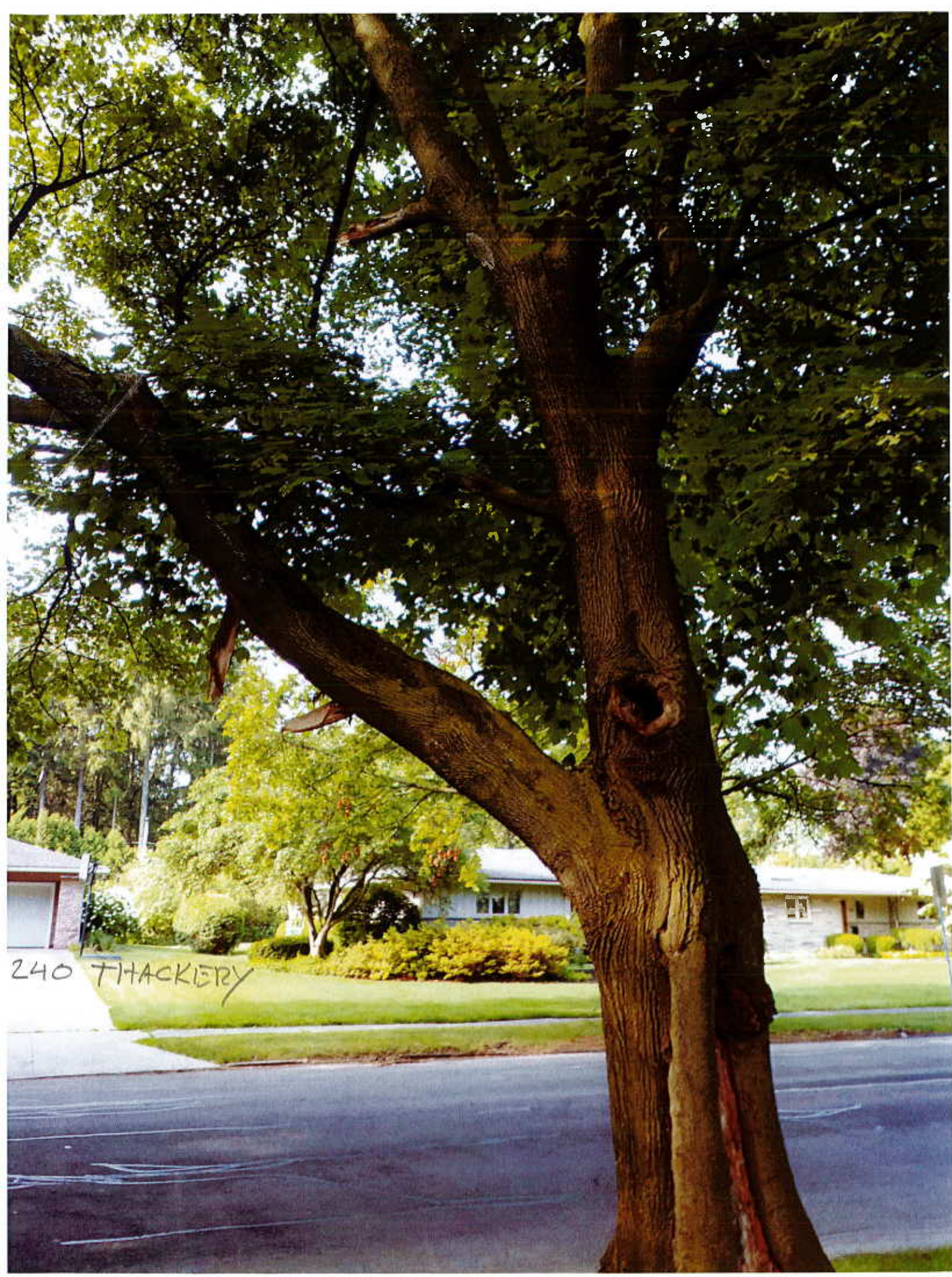
Effect on adjacent trees: ☐ none ☐ evaluate

Notification: ☐ owner ☐ manager ☐ governing agency Date: 8-3-19

COMMENTS



240
THACKERY RD
ON ESPLANADE



240 THACKERY

**TREE HAZARD EVALUATION FORM** 2nd EditionSite/Address: 1139 HIGHLAND AVE

Map/Location: _____

Owner: public ☒ private _____ unknown _____ other _____Date: 3-26-19 Inspector: CARROLL LOUEISS

Date of last inspection: _____

HAZARD RATING:

<u>3</u>	+	<u>4</u>	+	<u>4</u>	=	<u>11</u>
Failure Potential		Size of part		Target Rating		Hazard Rating
<u>X</u>						Immediate action needed
						Needs further inspection
<u>X</u>						Dead tree

TREE CHARACTERISTICSTree #: ONE Species: SUGAR MAPLEDBH: 34" # of trunks: ONE Height: 60' Spread: 40'Form: ☐ generally symmetric ☐ minor asymmetry ☒ major asymmetry ☐ stump sprout ☐ stag-headedCrown class: ☒ dominant ☐ co-dominant ☐ intermediate ☐ suppressedLive crown ratio: 40 % 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**Foliage color: ☐ normal ☐ chlorotic ☐ necrotic Epicormics? Y NFoliage 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: SINGS OF ANTS + SQUIRRELS**Growth obstructions:**☐ stakes ☐ wire/ties ☐ signs ☐ cables☐ curb/pavement ☐ guards☐ other _____**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: WEST 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 Underscored: ☐ 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				
Multiple attachments				
Included bark				
Excessive end weight				
Cracks/splits				
Hangers				
Girdling				
Wounds/seam				
Decay				
Cavity				
Conks/mushrooms/bracket				
Bleeding/sap flow				
Loose/cracked bark				
Nesting hole/bee hive				
Deadwood/stubs				
Borers/termites/ants				
Cankers/galls/burls				
Previous failure				

HAZARD RATING

Tree part most likely to fail: ROOTS

Inspection period: _____ annual _____ biannual _____ other _____

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

3 + 4 + 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: 3-26-19

COMMENTS

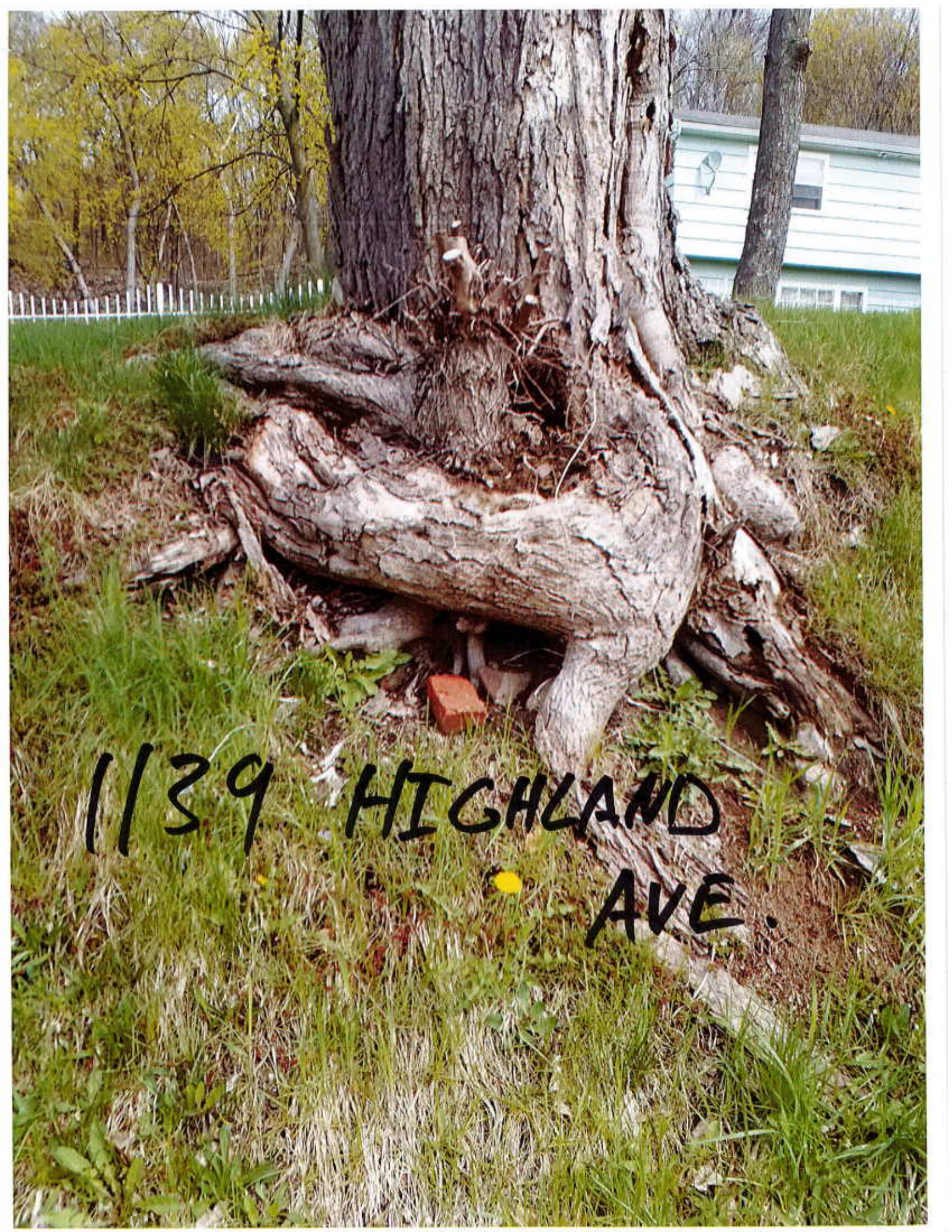
THIS TREE HAS EXPOSED ROOTS, ALSO LARGE GIRDLING ROOT.

TREE HAS ROOT, TRUNK, SCANDID, BRANCH, DECAY

MAJOR INSECT DAMAGE.

RECOMMEND REMOVAL + REPLANT.

(2)

A photograph of a large, old tree trunk with thick, gnarled bark and exposed roots. The tree is situated in a grassy yard. In the background, a white house with a green roof and a white picket fence are visible. The ground is covered in green grass and some weeds. A small red brick is lying on the ground near the base of the tree.

1139 HIGHLAND
AVE.

1130 HIGHWAY
AVE.



1139 HIGHLAND
AVE



1130 HARRISON
300

**TREE HAZARD EVALUATION FORM** 2nd Edition

Site/Address: 45 GREENAWAY
 Map/Location: FRONT
 Owner: public ☒ private ☐ unknown ☐ other ☐
 Date: 3-21-19 Inspector: CARROLL LOUEISS
 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
☒ Immediate action needed						
☐ Needs further inspection						
☐ Dead tree						

TREE CHARACTERISTICS

Tree #: TWO Species: SILVER MAPLE
 DBH: 32" # of trunks: ONE Height: 60' Spread: 40'
 Form: ☐ generally symmetric ☐ minor asymmetry ☒ major asymmetry ☐ stump sprout ☐ stag-headed
 Crown class: ☒ dominant ☐ co-dominant ☐ intermediate ☐ suppressed
 Live crown ratio: 50 % 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 Epidermics? 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: SQUIRRELS

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: WEST 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 Underscored: ☐ 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	—	—	S	S
Codominants/forks	—	—	S	S
Multiple attachments	—	—	—	—
Included bark	—	m	m	—
Excessive end weight	—	—	S	S
Cracks/splits	—	—	—	—
Hangers	—	—	—	L
Girdling	L	—	—	—
Wounds/seam	—	S	S	1 S
Decay	m	S	S	m
Cavity	—	S	S	m
Conks/mushrooms/bracket	—	—	—	—
Bleeding/sap flow	—	m	m	—
Loose/cracked bark	—	—	m	L
Nesting hole/bee hive	—	S	S	m
Deadwood/stubs	—	m	S	S
Borers/termites/ants	S	S	S	m
Cankers/galls/burls	—	—	—	—
Previous failure	—	—	—	—

HAZARD RATING

Tree part most likely to fail: LARGE SCAFFOLDS AT 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: REPLANT NEW LOCATION

Effect on adjacent trees: ☐ none ☐ evaluate

Notification: ☐ owner ☐ manager ☒ governing agency Date: 3-21-19

COMMENTS

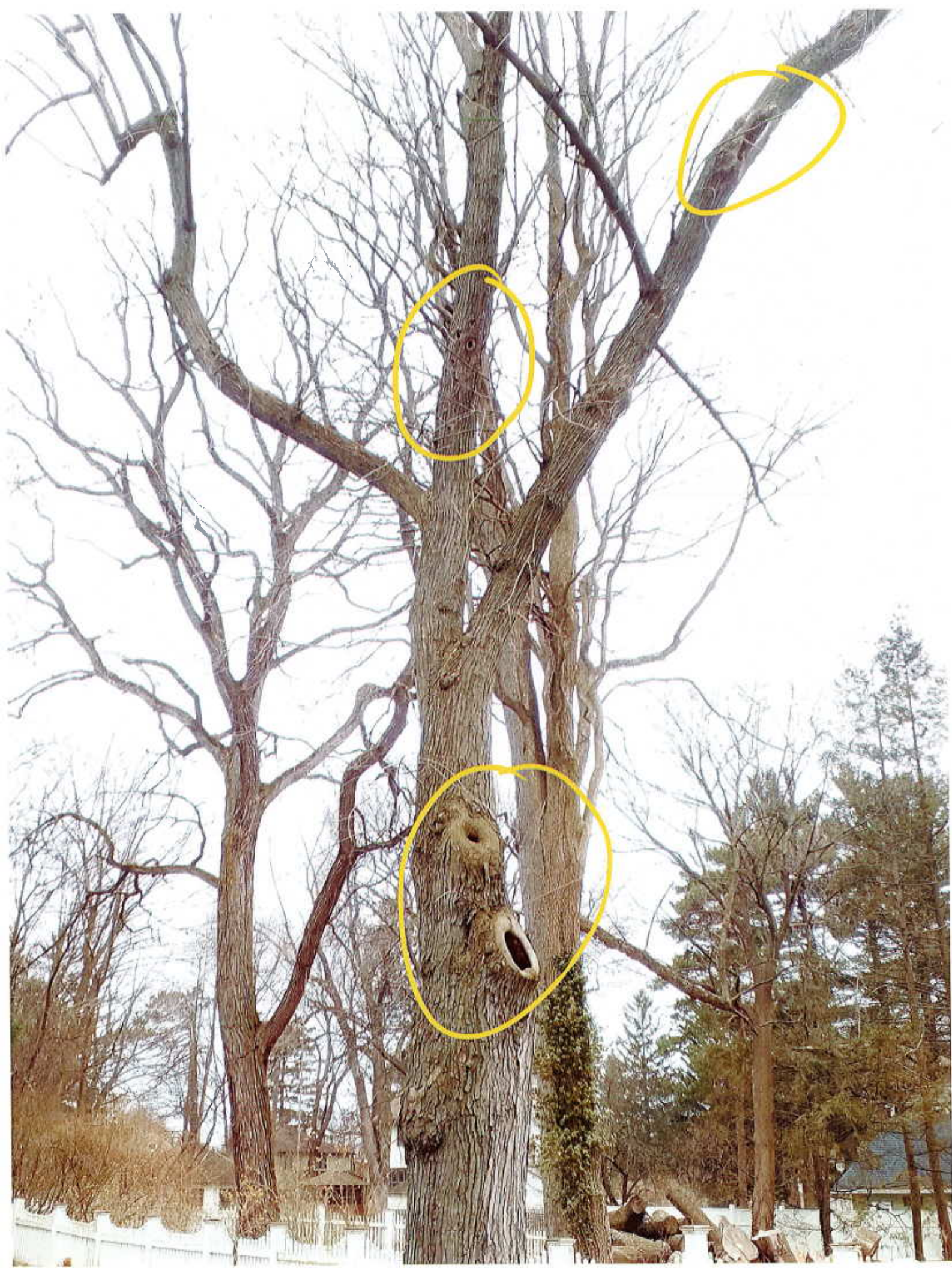
THIS TREE HAS A MAJOR CAVITY IN ITS TRUNK WITH LOW AMOUNT OF HOLDING WOOD
CAVITY IN ITS SCAFFOLDS + BRANCHES. EXCESSIVE END W/ BOWSWEEPS
RESTRICTED ROOT AREA WITH LARGE AMOUNTS OF ROOT DECAY.
RECOMMEND REMOVAL + REPLACE

45 GREENAWAY
SITE #2 32" SILVER MAPLE



CAVITY









TREE HAZARD EVALUATION FORM 2nd Edition

Site/Address: 150 WARRINGTON AVE
 Map/Location: _____
 Owner: public _____ private _____ unknown _____ other _____
 Date: 8-2-19 Inspector: CARROLL LOUGHESS
 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
☒ Immediate action needed ☐ Needs further inspection ☐ Dead tree						

TREE CHARACTERISTICS

Tree #: ONE Species: MAPLE
 DBH: 22" # of trunks: HALF Height: 50' Spread: 50'
 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
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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 _____
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 Major pests/diseases: _____

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

ROOT DEFECTS:

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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

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

HAZARD RATING

Tree part most likely to fail: _____

Inspection period: _____ annual _____ biannual _____ other _____

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

4 + 4 + 4 = 12

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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: 8-2-19

COMMENTS



150
WARRINGTON



