



## PUBLIC WORKS COMMITTEE

MEETING SEPTEMBER 7, 2021

9:00A.M.

Brighton  
Town Hall

**AUDITORIUM ROOM**

### DRAFT AGENDA

MEETING CALLED TO ORDER:

APPROVE MINUTES:

PUBLIC REVIEW OPEN FORUM:

#### OLD BUSINESS

MATTER RE: 2021 Paving Schedule

MATTER RE: Library Roof Schedule

MATTER RE: Winter Farmer's Market Design

#### NEW BUSINESS

MATTER RE: 125 S. Clinton Ave - Sidewalk

MATTER RE: Ashbourne – Hillside Intersection

MATTER RE: Highway Staffing

MATTER RE: Lawn and Garden Debris

#### TREES

MATTER RE:

| Address           | Description      | Recommendation     |
|-------------------|------------------|--------------------|
| 160 Eastland Ave. | 15" Maple        | Remove and Replace |
| 58 Tarrytown Road | 36" Silver Maple | Remove and Replace |
| 49 Tarrytown Road | 28" Silver Maple | Remove and Replace |

MEETING ADJOURNED:

NEXT COMMITTEE MEETING:

October 5, 2021 at 9:00 A.M.



Town of  
**Brighton**

# Public Works Department

**Mike Guyon, P.E.**  
Commissioner of Public  
Works

## TOWN OF BRIGHTON 2021 PAVING TENTATIVE SCHEDULE

| Street                 | From           | To              | Road Treatment   | Status         |
|------------------------|----------------|-----------------|------------------|----------------|
| Fair Oaks Ave.         | Sylvan Rd.     | Hollywood Ave.  | Chip Seal        | Complete       |
| Schilling La           | Cul-de-Sac     | Dead End        | Chip Seal        | Complete       |
| Willard Ave.           | Highland Ave.  | Dead End        | Chip Seal        | Complete       |
| Parkwood Av.           | Westerloe Ave  | Cul-de-Sac      | Chip Seal        | Complete       |
| Spier                  | Clinton Ave.   | Westerloe       | Chip Seal        | Complete       |
| Westerloe Ave.         | Elmwood Ave.   | Clinton Ave.    | Chip Seal        | Complete       |
| Winslow Ave.           | Westerloe Ave  | Highland Ave.   | Chip Seal        | Complete       |
| Fairhill Dr.           | Winton Rd.     | Westfall Rd.    | Chip Seal        | Complete       |
| Maywood Dr.            | Edgewood Dr.   | Willowcrest Dr. | Chip Seal        | Complete       |
| Brookwood Rd.          | Clover St.     | Corwin Rd.      | Chip Seal        | Complete       |
| Coniston Dr.           | Clover St.     | Brookwood Dr.   | Chip Seal        | Complete       |
| Edgevale Rd.           | Clover St.     | Corwin Rd.      | Chip Seal        | Complete       |
| Golfside Pkwy          | East Ave.      | S. Landing Rd.  | Chip Seal        | Complete       |
| Burkdale Cresc         | Klink Rd.      | Cul-de-Sac      | Chip Seal        | Complete       |
| Esplanade              | Grosvenor Rd.  | Clover St.      | Chip Seal        | Complete       |
| Grosvenor Rd.          | East Ave.      | Highland Ave.   | Chip Seal        | Complete       |
| Delaware Ave.          | E. River Rd.   | Dead End        | Chip Seal        | Complete       |
| Silvia St.             | Furlong Rd.    | Southland Dr.   | Chip Seal        | Complete       |
| North Whitestone Ln.   | Town Line      | Cul-de-Sac      | Chip Seal        | Complete       |
| South Whitestone Ln.   | Town Line      | Cul-de-Sac      | Chip Seal        | Complete       |
| Shoreham Dr.           | Town Line      | Clover          | Chip Seal        | Complete       |
| Landing Rd. N.         | Penhurst Rd.   | Blossom Rd.     | Double Chip Seal | Complete       |
| Sandringham Rd.        | Elmwood Ave.   | Ambassador Dr.  | Micro Pave       | Complete       |
| Bastian Rd.            | E. River Rd.   | Dead End        | Mill & Pave      | Complete       |
| Blossom Circle (E & W) | Blossom Rd.    | Blossom Rd.     | Mill & Pave      | Week of Sept 6 |
| Colonial Village       | Penfield Rd.   | Dale Rd. E.     | Mill & Pave      | Complete       |
| Dale Rd. E.            | Dale Rd.       | Colonial Vil.   | Mill & Pave      | Complete       |
| Drury La.              | Park La.       | Alaimo Dr.      | Mill & Pave      | Complete       |
| Fairfield Dr.          | Elmwood Ave.   | Ashley Dr.      | Mill & Pave      | Week of Sept 6 |
| N. St Regis Dr.        | Monroe Ave.    | Mayflower Dr.   | Mill & Pave      | Complete       |
| Torrington Dr.         | Monroe Ave.    | Elmwood Ave.    | Mill & Pave      | Complete       |
| Knolltop Dr.           | N. Landing Rd. | Cloverland Dr.  | Mill & Pave      | Week of Sept 6 |
| Elmore Rd.             | Elmwood Ave.   | Laconia Pkwy    | Mill & Pave      | Week of Sept 6 |
| Templeton Rd.          | Edgemoor Rd.   | City Line       | Mill & Pave      | October        |
| Fairfield Dr.          | Ashley Dr.     | School Dr.      | Mill & Pave      | Week of Sept 6 |



12 May 2021

Mike Guyon, Commissioner of Public Works  
Town of Brighton  
2300 Elmwood Avenue  
Rochester, NY 14618

**RE: Winter Farmers Market - Phase 3.0**

Dear Mike,

We are pleased to provide this proposal for the next phase of the Winter Farmers Market. We understand this phase of the project involves the construction of an addition to the renovated barn. This addition is proposed as (2) structures to be constructed in a single phase: a connector building with a footprint of approximately 1150 square feet, and roughly 2600 square feet of market shed building. The following is a breakdown of the scope of work and associated professional fee.

**Phase 3.0 Scope of Work:**

1. Design of connector and market shed buildings, including design of all related structures and systems. Proposal includes time for meeting with the Town of Brighton to establish program and space needs.
2. Scope also includes time to develop and prepare materials for use by the Town of Brighton in their presentation and review process both internally and with the public.
3. Consultant services include Structural, Mechanical, Electrical, Plumbing and Fire Protection Engineering. Also includes consultant for soil testing and assessment.
4. Scope of our services will not extend beyond perimeter of building. Utilities will extend 5'-0" beyond building for tie-ins to be completed by others. All site work, including utilities, site access points and drives, parking and landscaping to be completed by others and is not included in the scope of this proposal.
5. Services provided include construction drawings, specifications, one cycle of bidding, and construction administration. Any revisions to the contract documents after bidding is complete will be considered additional services.
6. A single bid alternate package to complete the loft as finished office space, with an interior stair to provide access between the loft level and connector building is included in the scope of services.

**Professional Fee:** The cost to provide the above scope of services would be in the range of \$116,000 to \$135,000, with the upper end as a not-to-exceed amount.

The upper end of the above fee is broken down as follows:

|                              |                     |
|------------------------------|---------------------|
| Consultant Services:         | \$26,000.00         |
| Architectural Services       |                     |
| SD/DD:                       | \$30,100.00         |
| Contract Documents:          | \$31,800.00         |
| Bidding:                     | \$11,200.00         |
| Construction Administration: | \$35,900.00         |
| <b>Total:</b>                | <b>\$135,000.00</b> |

The above does not include hours to attend and present to the Town of Brighton or any public presentation and review meetings; including presentation to the Architectural Review Board and any public informational sessions. This additional scope could be in the range of \$6,300 - \$8,800 and can be discussed in more detail should these services become necessary.

We look forward to the opportunity to continue working with the Town of Brighton to see this next phase of the project successfully completed.

If you have any questions or would like clarifications on the proposed scope of work please feel free to contact us.

Sincerely,



Rick Hauser, AIA, Partner  
In Site: Architecture, LLP

# DIMARCO

GROUP

August 31, 2021

Michael E. Guyon, PE  
Commissioner of Public Works  
Town of Brighton  
2300 Elmwood Avenue  
Rochester, NY 14618

VIA EMAIL TO: [Mike.Guyon@townofbrighton.org](mailto:Mike.Guyon@townofbrighton.org)

Re: 1925 South Clinton Avenue  
Sidewalk Amenity Extension Request

Dear Mike,

On behalf of 1925 South Clinton, LLC (“DiMarco”), we acknowledge and are in receipt of your letter dated March 10, 2021 with respect to the Sidewalk Amenity Agreement and the acquisition of the sidewalk easements. Pursuant to your letter, sidewalks are to be completed by December 5, 2021.

DiMarco, has obtained all necessary permits from the Monroe County Department of Transportation to allow installation of sidewalks within the right of way of Elmwood Avenue and South Clinton Avenue. Sidewalks on Lac De Ville Boulevard and Rue De Ville Boulevard are under the jurisdiction of Town of Brighton; no specific permits are required for installation of these sidewalks.

DiMarco has instructed DiMarco Constructors to bid the approved sidewalks plans to qualified contractors. Given current market conditions and as a result of the COVID-19 pandemic, qualified bidding contractors are unable to construct the sidewalk amenities in total during the current calendar year. Many factors are contributing to the inability to complete the sidewalks in totality including availability of concrete, labor shortages and backlog of workload from the previous calendar year. As discussed with yourself and town staff, it is our intention to direct our contractors to install the Elmwood Avenue sidewalks within the month of August of this calendar year and defer the installation of the remainder of sidewalks until 2022.

Based on the aforementioned, we respectfully request consideration by yourself and the Town Board to amend the condition and grant an extension of the timeline to permit installation of remainder of sidewalks by June 30, 2022.



[www.dimarcogroup.com](http://www.dimarcogroup.com)

1950 Brighton-Henrietta Town Line Road  
Rochester, New York 14623

Thank you for your consideration. Should you have any questions, please feel free to contact me to discuss.

Sincerely,  
DiMarco Group

  
Paul Colucci  
Vice President

Cc: John DiMarco II  
Ramsey Boehner, Town of Brighton



## Public Works Department

Mike Guyon, P.E.  
Commissioner of Public  
Works

### **TOWN OF BRIGHTON LAWN AND GARDEN DEBRIS PICK UP COMPARISON**

| 2020 May 11 <sup>th</sup> to September 1st | 2021 May 11 <sup>th</sup> to September 1 <sup>st</sup> |
|--|--|
| Bulk Debris Pick up                        |  |
| 5 ½ Trips through Town, 66 working days    | 10 ½ Trips through Town, 66 working days               |
| Containerized Pick up                      |  |
| 12 ½ Trips through Town, 74 working days   | 18 ½ Trips through Town, 76 working days               |



Town of  
**Brighton**

Public Works  
Department

**Mike Guyon, P.E.**  
Commissioner of Public  
Works

August 2, 2021

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     |
|---------------------|------------------|--------------------|
| 160 Eastland Avenue | 15" Maple        | Remove and Replace |
| 58 Tarrytown        | 36" Silver Maple | Remove and Replace |
| 49 Tarrytown        | 28" Silver 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: Steve Zimmer  
William Haefner



# TREE HAZARD EVALUATION FORM 2nd Edition

Site/Address: 160 Eastland Ave

Map/Location: \_\_\_\_\_

Owner: public  private \_\_\_\_\_ unknown \_\_\_\_\_ other \_\_\_\_\_

Date: 7/12/21 Inspector: James A. Potter Jr.

Date of last inspection: \_\_\_\_\_

## HAZARD RATING:

$\frac{4}{Failure} + \frac{3}{Size} + \frac{4}{Target} = \frac{11}{Hazard Rating}$

Immediate action needed

Needs further inspection

Dead tree

## TREE CHARACTERISTICS

Tree #: 2 Species: \_\_\_\_\_

DBH: 15" # of trunks: 1 Height: 25 Spread: 20 ft

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

Crown class:  dominant  co-dominant  intermediate  suppressed

Live crown ratio: 40 % 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: \_\_\_\_\_

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

## TREE HEALTH

Foliation color:  normal  chlorotic  necrotic Epicormic? Y N

### Growth obstructions:

Foliation 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

Wound/wood development:  excellent  average  poor  none

other \_\_\_\_\_

Vigor class:  excellent  average  fair  poor

Major pests/diseases: Insects/fungi/soot Flicking bark holes in 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: \_\_\_\_\_ 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

Decay in plane of lean: Y N Roots broken Y  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           |            | M     |           |          |
| Excessive end weight    |            |       | S         | S        |
| Cracks/splits           |            |       |           |          |
| Hangers                 |            |       |           |          |
| Girdling                |            |       |           |          |
| Wounds/seam             | 5          | 4     | 3         | 4.5      |
| Decay                   |            | 6     | 5         | 5        |
| Cavity                  |            |       |           |          |
| Conks/mushrooms/bracket |            |       |           |          |
| Bleeding/sap flow       |            |       |           |          |
| Lobse/cracked bark      |            |       |           |          |
| Nesting hole/bee hive   |            |       | S         |          |
| Deadwood/stubs          |            |       | S         |          |
| Borers/termites/ants    |            |       |           |          |
| Cankers/galls/burls     |            | M     | S         | S        |
| Previous failure        |            |       | S         |          |

### HAZARD RATING

Tree part most likely to fail: \_\_\_\_\_ Failure potential: 1 - low; 2 - medium; 3 - high; 4 - severe

Inspection period: \_\_\_\_\_ annual \_\_\_\_\_ biannual \_\_\_\_\_ other \_\_\_\_\_ Size of part: 1 - <5" (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)

\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

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







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

## TREE HAZARD EVALUATION FORM 2nd Edition

Site/Address: 58 Tarrytown

Map/Location: F1

Owner: public  private  unknown  other

Date: 3/22/21 Inspector: Zachariah A. Potter Jr.

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

### TREE CHARACTERISTICS

Tree #: 1 Species: Silver Maple

DBH: 26 # of trunks: 2 Height: 70-80 Spread: 20

Form: 36" Mng  generally symmetric  minor asymmetry  major asymmetry  stump sprout  stag-headed

Crown class:  dominant  co-dominant  intermediate  suppressed

Live crown ratio: 70 % 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 Epicormics? 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: \_\_\_\_\_

### 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  drought  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: North 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:  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: 75 % Buttress wounded:  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:  N

Decay in plane of lean:  N Roots broken  N Soil cracking:  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       |            | X     | X         | X        |
| Multiple attachments    |            |       |           |          |
| Included bark           |            |       |           |          |
| Excessive end weight    |            |       |           |          |
| Cracks/splits           |            | X     | X         | X        |
| Hangers                 |            |       |           |          |
| Girdling                |            |       |           |          |
| Wounds/seam             |            |       |           |          |
| Decay                   | X          | X     | X         |          |
| Cavity                  |            | X     | X         | X        |
| Conks/mushrooms/bracket |            |       |           |          |
| Bleeding/sap flow       | X          |       |           |          |
| Loose/cracked bark      | X          |       | X         | X        |
| Nesting hole/bee hive   | X          |       | X         |          |
| Deadwood/stubs          | X          |       | X         |          |
| Borers/termites/ants    |            |       |           |          |
| Cankers/galls/burls     |            | X     | X         |          |
| Previous failure        |            | X     | X         |          |

### HAZARD RATING

Tree part most likely to fail: Trunk - scaffolds 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)

4 + 3 + 4 = 11 Target rating: 1 - occasional use; 2 - intermittent use;

3 - frequent use; 4 - constant use

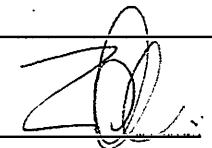
### HAZARD ABATEMENT

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:  N Replace?  N Move target:  N Other: \_\_\_\_\_

Effect on adjacent trees:  none  evaluate

Notification:  owner  manager  governing agency Date: 7.22.21 

### COMMENTS

*Tree is dead. Should come down immediately, very Hazardous*

7.22.21











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

## TREE HAZARD EVALUATION FORM 2nd Edition

Site/Address: 49 Tarrytown

Map/Location: \_\_\_\_\_

Owner: public  private \_\_\_\_\_ unknown \_\_\_\_\_ other \_\_\_\_\_

Date: 7-22-21 Inspector: Zachariah A. Potter Jr.

Date of last inspection: N/A

### HAZARD RATING:

$\frac{4}{Failure} + \frac{4}{Size} + \frac{4}{Target} = \frac{12}{Hazard Rating}$

Immediate action needed

Needs further inspection

Dead tree

### TREE CHARACTERISTICS

Tree #: F1 Species: Silver maple

DBH: 8.8 # of trunks: 1 Height: \_\_\_\_\_ Spread: \_\_\_\_\_

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

Crown class:  dominant  co-dominant  intermediate  suppressed

Live crown ratio: 20 % 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

Woundwood development:  excellent  average  poor  none

Vigor class:  excellent  average  fair  poor

Major pests/diseases: Dead Tree

### 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 wetting

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: N 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: 75 % 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       |            | X     | X         | X        |
| Multiple attachments    |            |       |           |          |
| Included bark           |            |       |           |          |
| Excessive end weight    |            |       |           |          |
| Cracks/splits           |            | X     | X         |          |
| Hangers                 |            |       |           |          |
| Girdling                |            |       |           |          |
| Wounds/seam             |            |       |           |          |
| Decay                   | X          | X     | X         |          |
| Cavity                  |            | X     | X         |          |
| Conks/mushrooms/bracket |            |       |           |          |
| Bleeding/sap flow       |            | X     |           |          |
| Loose/cracked bark      |            | X     | X         | X        |
| Nesting hole/bee hive   |            | X     | X         |          |
| Deadwood/stubs          |            |       |           |          |
| Borers/termites/ants    |            |       |           |          |
| Cankers/galls/burls     |            | X     | X         |          |
| Previous failure        |            | X     | X         | ✓        |

### HAZARD RATING

Tree part most likely to fail: \_\_\_\_\_

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)

4 + 4 + 4 = 12

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: 7-22-21 

### COMMENTS

Tree is dead. Trunk is weak/weeping sap-water. Should come down immediately.

7-22-21 