

RESOLUTION OF POLICY FOR STREET TREES AND STREET LANDSCAPING

WHEREAS, it is deemed by this City Council that the adoption of this Resolution is in the best interests of the CITY OF URBANA, and

WHEREAS, it is deemed appropriate that the citizens of Urbana be advised of the official policy of the CITY OF URBANA with regard to Street Landscaping, and

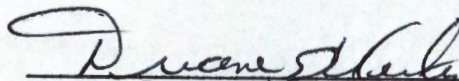
WHEREAS, City Officials should be afforded guidance by the URBANA CITY COUNCIL on the subject of Street Landscaping,

BE IT THEREFORE RESOLVED:

1. That the statement of policy attached hereto and entitled "Policy For Street Trees and Street Landscaping" is herewith and hereby adopted as the official policy of the CITY OF URBANA.

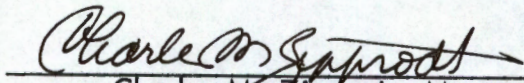
2. That the statement of policy attached hereto and known as "Urbana Street Tree Standards" is herewith and hereby adopted as the official policy of the CITY OF URBANA.

PASSED by the City Council of Urbana, Illinois, this 7th day of September, 1971.



Duane Eckerty, City Clerk

APPROVED by the Mayor this 8th day of September, 1971.



Charles M. Zippodt, Mayor

RESOLUTION

Resolved the City Council of Urbana hereby adopts the attached Policy as an expression of its own resolve, for the edification of the Citizens of Urbana and for the direction of City Officials and Employees and further that it adopts initially and provides methods for revision without Council action certain standards entitled "Street Tree and Street Landscaping Standards of the City of Urbana, Illinois" attached hereto.

CITY OF URBANA, ILLINOIS
POLICY FOR STREET TREES AND STREET LANDSCAPING

It is the policy of the City Council of Urbana, Illinois:

1. To encourage planting of trees adjacent to city streets but on private property (to be maintained and removed at the expense of the property owner) as follows:
 - a. By furnishing the planning to achieve a unifying and massing effect.
 - b. By purchasing and planting trees along existing major and collector streets where a majority of the owners on any whole block (either sides between adjacent street intersections) will sign releases permitting the city to plant.
 - c. By establishing a priority list for orderly budgeting on a "first come first served" basis.
 - d. By budgeting and appropriating a minimum of \$1500 per year for this purpose.
 - e. By extending the effect of the budget by cooperating with organizations volunteering services and by planting small stock (no more than 2 1/2" caliper).
2. To discourage, by publicizing, education and example, the following:
 - a. Loss of effect by unduly mixing tree varieties in any block.
 - b. Massive loss by disease by planting many different varieties.
 - c. Unusual cost of maintenance by listing and planting preferred tree varieties requiring little spraying and by listing undesirable varieties.
 - d. Loss of visibility due to planting of shrubs or hedges on city streets rights of way.
3. To enforce ordinances requiring:
 - a. Permits for planting within the right-of-way on city streets.
4. To regulate by permit the planting by private persons of trees on any streets by specifying species, spacing, and location to protect public and private utilities and to promote public safety and by designating streets upon which no planting may be done because of pending or future public projects.
5. To adopt ordinances which will do the following:
 - a. Make street tree planting, maintenance, and replacement a responsibility of developers of new subdivision improvements within the City and within 1/2 mile of the City limits.
6. To maintain the trees on city streets by:
 - a. Establishing and training qualified forestry crew.
 - b. Budgeting for the tree maintenance cost.

- c. Appropriating annually for tree maintenance and that the appropriation be increased as soon as practicable for street tree purposes to approximately one dollar (\$1.00) per capita per year minimum.
 - d. Training the forestry crew.
 - e. Hiring the services, as needed, of trained licensed arborists, employed after consultation with the Shade Tree Board.
7. To direct the Urbana Public Works Department to promulgate procedures for the care, pruning, regulation and removal of street trees.
 8. To anticipate city growth by allowing and directing the Public Works Department to water, prune, fertilize, and generally care for trees planted outside of the city limits that may be required to be planted by the subdividers under city or county ordinances.
 9. To preserve certain healthy trees growing on city streets which are not necessarily of a most desirable variety by refusing the requests of the citizens to remove them while healthy. The Public Works Department shall promulgate a list of such varieties.
 10. To sustain the number of trees we now have been requiring that any street tree removed for private purposes or to accommodate a public project be replaced with a tree of approved variety and at least 2 1/2" caliper as a condition of the project or permit, and by planting a tree for each street tree removed because of disease, damage, or old age. (Not necessarily at the same location nor of the same species.)
 11. To add to the total number of trees on city streets by budgeting and appropriating a minimum of \$1000 each year for new trees until all possible city streets are lined with trees.
 12. To sponsor two prizes each year of \$100 each prize for the best street tree design prepared by a student in landscape architecture or forestry of an unplanned stretch of at least 6 blocks length of Urbana streets. Such plan to be judged on neatness, compliance with city format, accuracy, knowledge of existing conditions and knowledge of City policies. Such sponsorship to continue until all streets have been planned.
 13. To form a Shade Tree Board made up of 3 to 5 local professional people to be appointed by the Mayor for the purpose of judging the plans submitted for any street (any public project and for all plans for 6 or more block lengths) for holding hearings about such plans and for advising the City Council about adopting such plans. The Board will review periodically the list of species and advise on additions or deletions.
 14. To cooperate with utility companies, adjacent private owners and appropriate not for profit organizations at all times to further the adopted plans and policies of the City regarding street trees.
 15. To promulgate and publish policies, ordinances, procedures, and standards regarding street trees.
 16. To conserve city funds by discountinuing the spraying of tree varieties on the Prohibited or Restricted List of Standards and spray only those on the "To Be Presented List" as needed.

17. To remove progressively all trees located on city streets found on the Prohibited or Restricted List of Standards less than 4" in diameter measured 1 1/2' above the ground or which are deformed or for which a request for removal is received by an adjoining property owner. The Public Works Department shall prepare and promulgate a list of prohibited trees; such trees shall not be planted on city streets.
18. To promote the public safety and consistent with the responsibility of the Commissioner of Public Works, hereafter authorize him to prune, plant, prohibit, regulate, and remove all landscaping in or overhanging public property. Such authority shall be limited by written policy, ordinance, or resolutions already adopted or which may be adopted by the Urbana City Council.

The Department shall also prepare a list of restricted trees. Such trees may only be planted by special permission of the Shade Tree Board.

STREET TREE AND STREET LANDSCAPING STANDARDS OF THE CITY OF URBANA, ILLINOIS

Section I. Short Title

This document shall be known and may be cited as the "Urbana Street Tree Standards."

Section II. Definitions

For the purpose of this document the following terms, phrases, words and their derivations shall have the meaning given herein. When not inconsistent with the context, words used in the present tense include the future; words in the plural include the singular; and words in the singular number include the plural number. The word "Shall" is mandatory, not merely directory.

A. "City" is the City of Urbana, Illinois. "City Official" is the Commissioner of Public Works of the City of Urbana, Illinois.

B. "Person" is any person, firm, partnership, association, corporation, company or organization of any kind (but not a City Employee acting under instruction of his superior or a City Officer acting in his official capacity).

C. "Street or Highway" means the entire width of every public way or right of way when any part thereof is open to the use of the public, as a matter of right for purposes of vehicular traffic.

D. "Property Line" shall mean the outer edge of a street or highway.

E. "Treelawn" is that part of a street or highway, not covered by sidewalk or other paving, lying between the property line and that portion of the street or highway usually used for vehicular traffic.

F. "Trees and Shrubs" shall include all woody vegetation, now or hereafter growing on any street, except where otherwise indicated.

G. "Principal Thoroughfare" shall mean any street upon which trucks are not prohibited.

H. "Property Owner" shall mean the person owning such property as shown by current records of the County Collector of Champaign County, Illinois.

SECTION III - STREET TREE STANDARDS

A. Planting

1. Size of Trees Planted by or Purchased by the City

a. All medium or large tree species or varieties planted as hereinafter classified shall be at least 1 1/4 inches in diameter, measured 6 inches above ground level and at least 7 feet in height when planted.

b. All small tree species or varieties as hereinafter classified shall be at least 6 feet or more in height and have 4 or more branches.

2. Grade of Trees Planted on City Streets or Those Required by Ordinance

a. Unless otherwise allowed for substantial reasons, all trees shall have comparatively straight trunks, well developed leaders, and tops and roots characteristic of the species or variety showing evidence of proper nursery pruning. All trees must be free of insects, disease, mechanical injuries and other objectionable features at the time of planting. To compensate for any serious loss of roots, the branch system of the tree should be reduced by thinning or cutting back as determined by the growth characteristics and form of the tree species.

b. All shrubs must be well branched and normal in respect to species height and spread characteristics; they must possess healthy and adequate root systems, and must be free from insects, disease and mechanical injuries at the time of planting.

3. Methods of Planting and Bracing

a. Most small deciduous trees and shrubs may be moved bare rooted unless otherwise indicated. Bare roots shall be packed at the nursery in wet peat moss or other water-holding materials.

b. All coniferous trees or shrubs shall be moved in spring only and shall be balled and burlapped. Balled roots should be prevented from drying out at the surface of the ball and be protected against injurious freezing.

c. Holes dug for planting, shall be a minimum of 12 inches larger in diameter than the diameter of the root system to be of sufficient size to accommodate the roots without crowding, or in the case of balled plants, the holes shall be a minimum of 12 inches in diameter larger than the diameter of the ball of soil to allow proper backfill.

d. The hole shall be deep enough to plant the tree or shrub no deeper than previously grown with due allowance for settling.

e. In poorly drained soil, artificial drainage shall be provided at the extreme bottom of the hole.

f. Acceptable top soil, compost, peat moss or other acceptable soil mixtures shall be placed about the roots or in the backfill around the ball. When the planting is completed, the entire root area shall be thoroughly saturated with water.

g. Standard trees shall be suitably wrapped and guyed or supported in an upright position according to accepted arboricultural practices. The guys or supports shall be fastened so that they will not girdle nor cause serious injury to the tree or endanger public safety.

4. Species or Variety

a. Only desirable trees of good appearance, beauty, adaptability, long lived and generally free from injurious insects or disease shall be planted in public places.

b. Where street blocks have been assigned a particular species or variety on an adopted Street Tree Plan, only these shall be planted.

B. The following trees are desirable for street planting:

P-1. Large Size Trees (Over 50' Mature Height)

acer vubrul	Red Maple
Acer platanoides	Norway Maple
Acer platanoides Schwedleri	Schwedler Maple
Acer Saccharum	Sugar Maple
Celtis occidentalis	Hackberry
Fraxinus pennsylvanica	Green Ash
Fraxinus quadrangulata	Blue Ash

Liquidambar styraciflua	Sweet Gum
Liriodendron tulipifera	Tulip Tree
Magnolia acuminata	Cucumber Tree
Platanus acerifolia	London Plane
Quercus robur	English Oak
Quercus rubra	Red Oak
Tilia americana	American Linden

B-2. Medium Size Trees (30 - 50' Mature Height)

Acer platanoides columare	Columnar Norway Maple
Acer rubrum columnar	Columnar Red Maple
Acer saccharum columnare	Columnar Sugar Maple
Fraxinus excelsior	European Ash
Ginkgo biloba	Ginkgo (Male sex only)
Gymnocladus dioicus	Kentucky Coffee Tree
Nyssa sylvatica	Black Gum
Phellodendron amurense	Cork Tree
Tilia cordata	Littleleaf Linden
Tilia euchlora	Crimean Linden
Tilia tomentosa	Silver Linden

B-3. Small Size Trees (Under 30' Mature Height)

Acer platanoides globosum	Globe Norway Maple
Carpinus betulus	European Hornbeam
Cercidiphyllum japonicum	Katsura Tree
Crataegus phaenopyrum	Washington Hawthorn
Fraxinus excelsior umbraculifera	Globeheaded European Ash
Fraxinus quadrangulata globosa	Globe Blue Ash
Koelreuteria paniculata	Goldenrain Tree
Magnolia virginiana	Sweet Bay (Tree Form)
Ostrya virginiana	Hophornbeam

Any of these tree species and varieties may be selectively incorporated into the Street Plan. Other species may be added to the list by the City Official as experience proves their value and with the approval of the Shade Tree Board.

C. Prohibited or Undesirable Trees

The following trees are considered generally undesirable for street tree planting and their use shall be prohibited, or restricted to species and locations where, because of certain characteristics of adaptability or landscape effect, they can be used to advantage. Trees with an asterisk shall not be removed at the request of adjoining owner unless dead, diseased, severely damaged or unless replaced at the expense of the adjoining owner.

Abies sp.	Fir
Acer negundo	Boxelder

- | | |
|-------------------------|---------------------------------|
| Acer succharinum | *Silver or Soft Maple |
| Aesculus sp. | *Horsechestnut |
| Ailanthus altissima | Tree-of-Heaven |
| Albizzia sp. | Mimosa |
| Ca. alpa sp. | Catalpa |
| Diospyros virginiana | Persimmon |
| **Gleditsin triacanthos | *Honey locust and its varieties |
| Juglans nigra | *Black Walnut |
| Juniperus sp. | Junipers |
| Maclura pomifera | Osage Orange |
| Malus sp. | Apples |
| Morus sp. | Mulberry |
| Picea sp. | Spruce |
| Pinus sp. | Pines |
| Platanus occidentalis | *Sycamore |
| Populus sp. | Poplars, Cottonwood |
| Pyrus, sp. | Pear (all fruiting varieties) |
| Prunus sp. | Cherry, Plum |
| **Quercus palustris | *Pin Oak |
| Robinia pseudoacacia | Black Locust |
| Salix sp. | Willow- |
| Thuja sp. | Arbor vitae |
| Ulmus sp. | *Elms |

Thornless honey locust should be limited in use because of the webworm problem. Pin Oak should be planted also in limited numbers because of a chlorosis problem.

D. Location

1. Trees shall be planted at least 30 feet from the pavement edge of the cross street at street intersections. This distance to be measured from the curb lines projected to the point of intersection as shown in Figure 1. Small trees shall be planted at least 10 feet from driveways and alleys, larger trees at least 15 feet.
2. Spacing of trees shall be determined by the City official according to species to be used, their mature height, spread and form. Generally, all trees in the "Large Size Class" shall be planted a minimum of 30 feet on center; and all trees in the "Small Size Class" shall be planted a minimum of 20 feet on center.

E. Trimming

1. When possible, all small established trees shall be trimmed of branches

to a height of at least 7 feet. Newly planted, small trees need not have branches on the lower 1/3 of the tree removed until they are well established.

2. All large, established trees shall be trimmed to a height of 9 feet over sidewalks and 12 feet over all street pavements except those that are not prohibited to truck traffic which shall have a clearance of 16 feet.

3. All cuts shall be flush cut with a saw or pruner.

4. All cuts shall be made at the nodes or crotches and no stubs shall be left. Feather growth shall be removed as it reaches pencil size in diameter.

5. All dead, cross and rubbing limbs shall be removed, except when healthy limbs that are rubbing may be cabled to prevent further injury.

6. All old and new wounds over 2 inches in diameter shall be treated with a good quality tree paint unless decayed. Acceptable tree paints are: any with an asphalt base or mixtures of lanolin and crude gum.

7. All tools used on a tree suspected to be infected with a contagious disease shall be disinfected before being used on another tree.

8. Whenever streets are to be blocked off in removal of large limbs, the police and fire departments shall be notified of the location and the length of the time the street will be blocked. The police and fire departments shall be notified upon removal of such barriers or if such barriers are to remain longer than originally designated.

9. Suitable street and sidewalk barriers and signs shall be used to protect the public when trimming a tree. Red lanterns or flares shall be placed on all barriers or obstructions remaining in the street or sidewalk after dark.

10. No spurs or climbing irons shall be used.

F. Spraying

1. Suitable precautions shall be taken to protect and warn the public that spraying is being done.

2. Spraying shall be done only for the control of specific diseases or insects with the proper materials in the necessary strength and applied at the proper time to obtain the desired control. Information of this nature may be obtained from the City Official.

3. Dormant oil spray shall not be applied on hard maples, hickory or walnut.

G. Fertilization

1. Fertilization of public trees shall follow the accepted arboricultural standards.

2. No fertilizer containing less than the formulation of 10-8-6 (Nitrogen, phosphorus, potassium) shall be used unless approved by the City Commissioner of Public Works for subsurface fertilization and is to be used at the rate of not more than six (6) pounds of nitrogen per 1,000 square feet.

3. For surface orr liquid injection fertilization, only urea or ammonium nitrate is to be used and at the maximum rate of six (6) pounds of nitrogen per 1,000 square feet of area fertilized.

H. Cavities and Bracings.

1. Extensive cavity work should not be performed on a tree unless it is of sufficiently high value to justify the cost.

2. The sides and ends of all cavity openings must conform with the direction of sap flow, and the cambial edge must be protected at all times during the work by the application of orange shellac. A cavity filling must not protrude beyond the cambium layer at any point along the cavity edge.

3. Provisions should be made for drainage from a cavity which may exude sap behind the filling.

4. As a general rule, cables should be placed as high as approximately two thirds of the distance between the crotch and branch ends. Rust-resistant cables, thimbles and lags should be used. The ends of a cable should be attached

to hooks or eyes of lags or bolts and thimbles must be used in the eye splice in each end of the cable. In no instance shall cable be wrapped around a branch.

I. Watering

Ample water shall be applied to newly-planted trees.

J. Removal

1. Notification of the police and fire departments as described under "Trimming" shall apply to blocking of streets when removing trees.

2. Barriers, signs and warning as listed under "Trimming" shall apply also to removal of trees.

3. Spurs and climbing irons may be used on trees to be removed.

K. Amend

The City Official shall have the authority to modify, amend, or extend with the approval of the Shade Tree Board the aboricultural specifications and standards or practice at any time that experience indicates improved methods or whenever circumstances make it advisable.