

# CITY OF YUCAIPA STANDARDS AND SPECIFICATIONS FOR PARKWAY TREE PLANTING

## 1. ACCEPTABLE STREET TREES FOR YUCAIPA

The attached list of recommended tree species is composed of the trees that exhibit a combination of some of the following desirable characteristics:

- a) Longevity
- b) Cleanliness
- c) Disease and insect resistance
- d) Strong branching habits
- e) Adaptability to soil and climate
- f) Availability in the local nurseries

## 2. PLACEMENT REQUIREMENTS

- 2.1 A minimum of 48-hour notification shall be given to the City Public Works Department ((909) 797-2489 x 242) prior to the initial installation of parkway trees for approval of species, materials quality, and planting supervision. A 24-hour notice shall be given prior to all subsequent inspections as required.
- 2.2 Parkway trees shall be planted as follows: (a) cul-de-sac lots and lots <60' frontage - one tree; (b) interior lot 60'+ frontage – two trees, 100'+ frontage -three trees; (c) corner lots - three trees. All trees when established shall be trimmed so that same shall not encroach upon the sidewalk or street in such a manner as to impede or interfere with vehicle or pedestrian traffic thereon or obstruct the passage of light from any streetlight to the street or sidewalk.
- 2.3 Relative position of parkway trees is subject to approval by the City Public Works Department and any tree not properly placed will be relocated at no cost to the City. The selection and location of any such trees shall be such as to preclude any damage to adjacent curb, gutter, sidewalk, walls or other concrete structures from the presence of these trees. **All parkway trees must be provided with approved root barriers during installation.** No trees shall be planted within public right of way or easement unless previous watering and maintenance arrangements have been made guaranteeing the tree or trees for no less than one year or until premises are occupied. Tract development landscape plans shall note when trees are required. Likewise, in any commercial or industrial zone, consideration of tree planting proposals to be incorporated in landscaping of the site may be required in writing, to be accompanied by a site plan and/or planting diagram.

## PARKWAY TREE PLANTING SPECIFICATIONS

In the interest of public safety, trees shall be kept not less than:

- a) 25 feet back of beginning of curb returns at intersections;
  - b) 10 feet from lamp standards;
  - c) 10 feet from fire hydrants;
  - d) 10 feet from service walks or driveways;
  - e) 10 feet from utility meters;
- 2.4 Trees shall have a minimum caliper of 1" trunk diameter measured 12" above the base and a minimum container size of fifteen gallons. Plants shall be symmetrical, typical for variety and species, healthy, vigorous, free from plant disease and insect pests and shall have healthy, normal root system free from being root bound. Trees shall not be pruned or topped prior to delivery.

Inspection: All plant material shall be subject to inspection and approval by the City Public Works Department prior to planting. The City Public Works Department has the right to reject any item offered.

### 3. PARKWAY TREE PLANTING OPERATIONS

- 3.1 Planting pits for trees shall be dug a minimum of twice the diameter of the plant ball and equal to the depth. The soil at the bottom of the planting pit shall be loosened and re-firmed before the tree is placed in it.
- 3.2 A thoroughly prepared "backfill mix" shall be used in the planting pit and around the root ball when the tree is being planted. The following backfill mix is to be used for all trees unless otherwise specified on the approved landscaping plan:

Amounts per cubic yard:

- 2/3 cu. yd. on-site soil
  - 1/3 cu. yd. organic amendment (i.e. nitro humus)
  - 1 lb. iron sulfate
  - 2 lb. 6-20-20 commercial fertilizer
- 3.3 Plants shall be set in center of pit, in vertical position, so that crown of ball will be level with finish grade after allowing for watering and settling and shall bear the same relationship to finish grade that it did to soil surface in original place of growth. **All trees planted within the public right-of-way must have approved root barriers installed.**

## PARKWAY TREE PLANTING SPECIFICATIONS

- 3.4 A water basin capable of holding 10 gallons of water shall be prepared. Trees shall be adequately watered-in during planting.
- 3.5 If houses are not occupied, trees shall be watered one week later. Thereafter, watering shall be done as needed by the developer for 90 days after acceptance of the tract and until 80% of the housing units are occupied.
- 3.6 Each tree must be properly supported by two (2) lodgepole stakes or other materials located on either side of the tree and outside of the root ball. Each stake shall be treated with copper naphthanate and shall be a minimum of ten feet in length. All trees shall also be staked at time of planting by placing stake in prepared hole and driving stake a minimum of 18 inches into soil below bottom of planting pit.
- 3.7 All trees shall be secured to stakes on the windward side by four (4) cinch ties (one pair in the center of the stake measured above the ground line, and one pair 12" below the top of stake) tied in a figure 8 and firmly stapled or nailed to the stake.
- 3.8 Prior to installation of trees, a permanently installed and operable irrigation system shall be designed and constructed by the Developer/Contractor to the satisfaction of the City Public Works Department for any perimeter planting outside block walls, in median areas, or in locations where the property owner cannot easily provide maintenance.

## **4. GUARANTEES**

- 4.1 The Contractor/developer shall guarantee trees for a minimum of one year after acceptance of newly developed tracts and until 80% of the housing units are occupied. After acceptance, the property owner shall assume responsibility for the maintenance of all trees that are located within the parkway, including trimming, removal, replacement thereof throughout such planted areas. Watering shall become the responsibility of the property owner upon occupancy.
- 4.2 Trees not installed according to the requirements or that fail to grow or any trees that are injured or damaged during planting operations, or previously existing trees now damaged or dead, shall be removed and replaced by the Developer at his own expense within 15 days after notification by City Public Works Department. Replacement plant materials shall be guaranteed and of the same species as were the original trees.
- 4.3 Adjacent landowner/homeowner responsibility shall include repair of such items as damage to pavement, curbs, gutters or sidewalks resulting from the presence of such trees, or from excess irrigation waters discharged onto an improved roadway or parkway.

# Street Trees For Yucaipa

Botanical Name	Common Name	Large / Small	Minimum Parkway Width	Form *	Height	Width	Root Barrier Required ft from hardscape **
Callistemon citrinus	Lemon Bottlebrush	S	2	E	25	20	NA
Lagerstroemia indica	Crape Myrtle	S	2	D	25	20	NA
Pittosporum phillyraeoides	Narrow-Leaved Pittosporum	S	2	E	25	15	NA
Rhapiolepis 'Majestic Beauty'	Majestic Beauty Rhapiolepis	S	2	E	12	6	NA
Chionanthus retusus	Chinese Fringe Tree	S	3	D	20	20	5
Chitalpa tashkentensis	Chitalpa	S	3	D	25	25	5
Eriobotrya deflexa	Bronze Loquat	S	3	E	25	25	5
Photinia fraseri	Photinia	S	3	E	15	10	NA
Podocarpus henkelii	Long-Leafed Yellow Wood	S	3	E	25	25	5
Xylosma congestum	Shiny Xylosma	S	3	E	15-30	15-30	NA
Bauhinia forficata	Brazilian Butterfly Tree	S	4	ED	30		5
Pyrus calleryana 'Aristocrat'	Ornamental Pear	S	4	D	30	40	8
Acer paxii	Evergreen Maple	L	5	SE	45	45	8
Albizia julibrissin	Silk Tree	L	5	D	40	40	8
Bauhinia variegata	Purple Orchid Tree	S	5	SE	30		8
Callistemon viminalis	Weeping Bottlebrush	S	5	E	20-40	20	5
Calocedrus decurrens	Incense Cedar	L	5	E	60		8
Cercis canadensis	Eastern Redbud	S	5	D	20	20	5
Firmiana simplex	Chinese Parasol Tree	S	5	D	35	30	5
Fraxinus oxycarpa 'Raywood'	Raywood Ash	L	5	D	35	20	8
Geijera parviflora	Australian Willow	L	5	E	40	20-25	8
Ginkgo biloba	Maidenhair Tree	L	5	D	60	20-40	8
Hymenosporum flavum	Sweetshade	L	5	E	40	15-20	6
Jacaranda mimosifolia	Jacaranda	L	5	PD	40	40	8
Koelreuteria paniculata	Goldenrain Tree	S	5	D	25	15-25	8
Laurus nobilis	Sweet Bay	L	5	E	40	30	8
Melaleuca linariifolia	Flaxleaf Paperbark	S	5	E	30	30	8
Melaleuca styphelioides	Prickly Paperbark	L	5	E	45	35	8
Pistacia chinensis	Chinese Pistache	L	5	D	40	40	5
Rhus lancea	African Sumac	S	5	E	30	30	5
Brachychiton acerifolius	Flame Tree	L	6	D	40	30	8
Brachychiton populneus	Bottle Tree	L	6	E	50	40	8
Casuarina cunninghamiana	River She-Oak	L	6	E	70	20-40	10
Gleditsia tricanthus inermis	Thornless Honey Locust	L	6	D	30-40	30	10
Koelreuteria bipinnata	Chinese Flame Tree	L	6	D	40	40	10
Quercus ilex	Holly Oak	L	6	E	40	40	10
Sapium sebiferum	Chinese Tallow Tree	S	6	D	35	25	8
Sophora japonica	Chinese Scholar Tree	L	6	D	40	40	8
Ulmus parvifolia	Chinese elm	L	6	E	60	70	8
Cellis sinensis	Chinese Hackberry	L	7	D	30-50	30-50	8
Pinus canariensis	Canary Island Pine	L	7	E	60-80		10
Platanus acerifolia 'Bloodgood'	London Plane Tree	L	7	D	60	30-40	10
Quercus suber	Cork Oak	L	7	E	60	40	8
Quercus virginiana	Southern Live Oak	L	7	SE	40	50	10
Zelkova serrata	Sawleaf Zelkova	L	7	D	40	40	10
Liquidambar s. 'Rotundiloba'	Fruitless Sweetgum	L	8	D	60		8
Podocarpus gracilior	Fern Pine	L	8	E	60	60	10
Tipuana tipu	Tipu Tree	L	8	D	50	40	10
Cinnamomum camphora	Camphor Tree	L	10	E	50	50	10

All trees shall be planted at 15 gallon size minimum, stake with two tree stakes and tie with 4 'Cinch Tie' rubber tree ties.

\* S = Small Tree, L= Large Tree, E = Evergreen, D = Deciduous, SE = Semi Evergreen, PD = Partially Deciduous,

\*\* Lineal Root Barrier is required if planted within distance in feet from hardscape edge.