

RECOMMENDED ROADWAY PLANT MATERIALS - TURF GRASSES

BOTANICAL NAME	COMMON NAME	DROUGHT / WATER TOLERANT	SALT TOLERANT	pH TOLERANT	HEIGHT RANGE	COLD TOLERANT	PLANT TYPE	LIGHT REQ	MAINTENANCE REQ	PLANTING USE	REMARKS
<i>Paspalum notatum</i>	Bahia grass	HD/NW	N	W	20"	ALL	G/HP	H	H	M (m,l) R/U	Sand Grown
<i>Stenotaphrum secundatum</i>	St. Augustine grass	LD/LW	M	W	14"	ALL	G/E	H	H	M (m,l) R/U	Muck or sand grown

RECOMMENDED ROADWAY PLANT MATERIALS - ORNAMENTAL GRASSES

BOTANICAL NAME	COMMON NAME	DROUGHT / WATER TOLERANT	SALT TOLERANT	pH TOLERANT	HEIGHT RANGE	COLD TOLERANT	PLANT TYPE	LIGHT REQ	MAINTENANCE REQ	PLANTING USE	REMARKS
<i>Liriope muscari</i> 'Evergreen Giant'	Evergreen Giant	HD/NW	M	W	MT	ALL	HP	H	L	M (s,m,l) R/U	Do not plant too deep
<i>Ophiopogon japonicus</i>	Mondo grass	MD/NW	M	W	SM	ALL	HP	L	L	M (s,m,l) R/U	Excellent for shady areas
<i>Pennisetum setaceum</i> 'Cupreum' or 'Rubrum'	Red Fountain grass	MD/NW	L	W	MT	ALL	HP	H	M	M (m,l) R/U	
<i>Spartina bakeri</i>	Sand cordgrass *	HD/HW	H	W	MT	ALL	E	H	L	M (m,l) R/U	
<i>Tripsacum dactyloides</i>	Fakahatchee grass*	HD/HW	M	W	MT	ALL	HP	H	M	M (m,l) R/U	
<i>Tripsacum floridana</i>	Dwarf fakahatchee / Florida gama grass*	LD/HW	M	W	SM	ALL	HP	H	L	M (s,m,l) R/U	

RECOMMENDED ROADWAY PLANT MATERIALS - GROUNDCOVERS

BOTANICAL NAME	COMMON NAME	DROUGHT / WATER TOLERANT	SALT TOLERANT	pH TOLERANT	HEIGHT RANGE	COLD TOLERANT	PLANT TYPE	LIGHT REQ	MAINTENANCE REQ	PLANTING USE	REMARKS
<i>Bougainvillea</i> spp.	Dwarf bougainvillea	HD/LW	H	W	MT	CZ MZ	E	H	H	M (s,m,l) R/U	Minimal irrigation
<i>Dietes bicolor</i>	African iris	MD/MW	L	W	MT	ALL	HP	H	L	M (s,m,l) R/U	Attractive yellow flower
<i>Dietes vegeta</i>	African iris	MD/LW	L	W	MT	ALL	HP	H	L	M (s,m,l) R/U	Attractive white, blue & brown flower
<i>Hemerocallis</i> spp.	Evergreen daylily	HD/MW	H	W	MT	ALL	HP	H	L	M (s,m,l) R/U	Color by variety
<i>Hymenocallis latifolia</i>	Spider lily*	HD/HW	H	AK	LG	MZ	HP	H	L	M (s,m,l) R/U	Leaf spot
<i>Ilex vomitoria</i> 'Schellings Dwarf'	Dwarf yaupon holly*	HD/MW	H	W	MT	ALL	E	H	L	M (s,m,l) R/U	Susceptible to root rot fungus in wet locations.
<i>Juniperus chinensis</i> 'Parsonii'	Parsons juniper	HD/LW	M	W	MT	ALL	E	H	L	M (s,m,l) R/U	Susceptible to mites
<i>Trachelospermum asiaticum</i> 'Minima'	Dwarf confederate jasmine	MD/NW	M	W	SM	ALL	E	H	L	M (s,m,l) R/U	
<i>Zamia floridana</i> / <i>pumila</i>	Coontie*	HD/NW	M	W	MT	ALL	E	W	L	M (s,m,l) R/U	Potentially poisonous; will benefit from late-winter pruning.

RECOMMENDED ROADWAY PLANT MATERIALS - PALMS

BOTANICAL NAME	COMMON NAME	DROUGHT / WATER TOLERANT	SALT TOLERANT	pH TOLERANT	HEIGHT RANGE	COLD TOLERANT	PLANT TYPE	LIGHT REQ	MAINTENANCE REQ	PLANTING USE	REMARKS
<i>Small Palms (0-25 feet)</i>											
<i>Butia capitata</i>	Pindo palm	HD/NW	M	W	S	ALL	P	H	L	M (m,l) R	
<i>Chamaedorea cataractarum</i>	Cat palm	LD/NW	L	W	S	CZ MZ	P	L	L	M (s,m,l) R	
<i>Chamaerops humilis</i>	European fan palm	HD/NW	L	W	S	ALL	P	H	L	M (s,m,l) R	
<i>Coccothrinax argentata</i>	Silver palm *	HD/NW	H	W	S	CZ	P	H	L	M (s,m,l) R	
<i>Livistona chinensis</i>	Chinese fan palm	HD/NW	M	W	S	ALL	P	H	L	M (m,l) R	Be aware of thorns
<i>Phoenix rupicola</i>	Cliff date palm	HD/NW	M	W	S	CZ MZ	P	H	L	M (m,l) R	Susceptible to Lethal Yellowing
<i>Ptychosperma macarthurii</i>	Macarthur palm	MD/NW	N	W	S	CZ	E		L	M (s,m,l) R	
<i>Syagrus schizophylla</i>	Arikury palm	HD/NW	M	W	S	CZ	P	H	L	M (s,m,l) R	
<i>Thrinax radiata</i>	Florida thatch palm *	HD/NW	H	W	S	CZ	P	H	L	M (s,m,l) R	
<i>Veitchia merrillii</i>	Christmas palm	HD/NW	M	W	S	CZ	P	H	L	M (s,m,l) R	Susceptible to lethal yellowing.
<i>Medium-sized Palms (25-60 feet)</i>											
<i>Livistona australis</i>	Australian fan palm	HD/NW	M	W	M	ALL	P	M/H	L	M (m,l) R	Spiny when young. Potassium deficiency(Florida)
<i>Livistona decipiens</i>	Ribbon fan palm	MD/NW	M	W	M	ALL	P	M/H	L	M (m,l) R	Speciman Tree Spiny
<i>Livistona mariae</i>	Central Australian fan palm	HD/NW	M	W	M	CZ	P	H	L	M (m,l) R	Speciman Tree Spiny /Potassium Deficiency
<i>Livistona rotundifolia</i>	Footstool palm	MD/NW	L	W	M	CZ	P	M/H	L	M (m,l) R	Slightly susceptible to lethal yellowing & ganoderma
<i>Livistona saribus</i>	Taraw palm	HD/NW	M	W	M	CZ	P	M/H	L	M (m,l) R	Spiny
<i>Phoenix reclinata</i>	Senegal date palm	HD/NW	M	W	M	ALL	P	H	L	M (m,l) R	Multi-trunk Only outside clear sight zones
<i>Sabal palmetto</i>	Cabbage palm*	HD/MW	H	W	M	ALL	P	H	L	M (s,m,l) R	Florida state tree.

RECOMMENDED ROADWAY PLANT MATERIALS - PALMS

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<i>Veitchia winin</i>	Winin palm	HD/NW	M	W	M	CZ	P	H	L	M (s,m,l) R	
<i>Wodyetia bifurcata</i>	Foxtail palm	HD/NW	M	W	M	CZ	P	H	L	M (s,m,l) R	

<i>Large Palms (60 feet and up)</i>											
<i>Cocos nucifera</i> 'Green Malayan'	Green Malayan palm	HD/LW	H	W	L	CZ	P	H	L	M (m,l) R	only in 15' plus wide medians
											not next to paths or roadway
<i>Cocos nucifera</i> 'Maypan'	Maypan	HD/LW	H	W	L	CZ	P	H	L	M (m,l) R	only in 15' plus wide medians
											not next to paths or roadway
<i>Roystonea elata</i>	Florida Royal palm*	MD/HW	M	W	L	CZ MW	P	H	L	M (m,l) R	

RECOMMENDED ROADWAY PLANT MATERIALS - SHRUBS

BOTANICAL NAME	COMMON NAME	DROUGHT / WATER TOLERANT	SALT TOLERANT	pH TOLERANT	HEIGHT RANGE	COLD TOLERANT	PLANT TYPE	LIGHT REQ	MAINTENANCE REQ	PLANTING USE	REMARKS
Small Shrubs (16" to 24")											
<i>Ilex vomitoria</i> 'Schellings Dwarf'	Yaupon holly* / Dwarf	HD/MW	H	W	SM	ALL	E	W	L	M (s,m,l) R/U	Susceptible to root rot fungus in wet locations
<i>Ixora spp.</i>	Petite dwarf ixora	MD/NW	M	AC	SM	CZ	E	H	H	M (s,m,l) R/U	Nematodes, root rot & iron deficiency
<i>Juniperus chinensis</i> 'Parsonii'	Parsons juniper	HD/LW	M	W	MT	ALL	E	H	L	M (s,m,l) R/U	Susceptible to mites
<i>Philodendron sp.</i>	'Xanadu'	MD/LW	L	W	SM	CZ MZ	E	W	L	M (s,m,l) R/U	Will not tolerate direct sun.
<i>Pittosporum tobria</i> 'Wheeleri'	Wheeleri'	MD/NW	H	W	SM	ALL	E	H	M	M (s,m,l) R/U	Highly susceptible to fungal problems
<i>Raphiolepis indica</i> 'Alba'	Indian hawthorn	HD/LW	H	W	SM	ALL	E	H	L	M (s,m,l) R/U	Scale & leaf spot on some varieties
Medium-sized Shrubs (25" to 48")											
<i>Allamanda cathartica</i> 'Hendersoni'	Dwarf allamanda	MD/LW	L	W	MT	ALL	E	H	M	M (s,m,l) R/U	Potentially poisonous
<i>Ixora spp.</i>	Ixora	MD/NW	M	AC	MT	CZ MZ	E	H	H	M (s,m,l) R/U	Nematodes, root rot & iron deficiency
<i>Ixora spp.</i> 'Nora Grant'	'Nora Grant'	MD/NW	M	AC	MT	CZ MZ	E	H	M	M (s,m,l) R/U	
<i>Scaevola plumieri</i>	Inkberry*	HD/NW	H	W	MT	CZ	E	H	L	M (s,m,l) R/U	
<i>Strelitzia reginae</i>	Bird of paradise	HD/LW	L	W	MT	ALL	HP	H	L	M (s,m,l) R/U	
<i>Zamia furfuracea</i>	Cardboard cycad	HD/NW	H	W	MT	ALL	E	H	L	M (m,l) R/U	Spreading plant Only outside clear sight zones
Large Shrubs (4' to 10')											
<i>Acrostichum daneifolium</i>	Leather fern*	LD/HW	H	W	LG	ALL	HP	W	L	M (m,l) R/U	
<i>Allamanda neriifolia</i>	Bush allamanda	MD/LW	M	W	LG	CZ MZ	E	H	M	M (m,l) R/U	
<i>Capparis cynophallophora</i>	Jamaican caper*	HD/LW	H	W	LG	CZ MZ	E	H	L	M (s,m,l) R/U	
<i>Chrysobalanus icaco</i>	Cocoplum*	MD/MW	H	W	LG	CZ MZ	E	H	M	M (m,l) R/U	

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<i>Codiaeum variegatum</i>	Croton	HD/NW	M	W	LG	CZ MZ	E	H	L	M (s,m,l) R/U	
<i>Eugenia spp.</i>	Stoppers*	HD/MW	H	W	LG	CZ MZ	E	W	L	M (m,l) R/U	
<i>Forestiera segregata</i>	Florida privet *	HD/MW	H	W	LG	ALL	D	H	L	M (m,l) R/U	
<i>Galphimia gracilis</i>	Thryallis	MD/MW	M	W	LG	ALL	E	H	L	M (s,m,l) R/U	Stems are very brittle.
<i>Hamelia patens</i>	Scarletbush*	HD/LW	M	W	LG	CZ MZ	E	H	L	M (m,l) R/U	
<i>Hibiscus rosa-sinensis</i>	Hibiscus	LD/NW	M	W	LG	CZ MZ	E	H	M	M (m,l) R/U	Only outside clear sight zones
<i>Jacquinia keyensis</i>	Joewood*	HD/NW	H	AK	LG	CZ	E	H	L	M (m,l) R/U	
<i>Ligustrum japonicum</i>	Japanese privet	HD/NW	M	W	LG	ALL	E	H	M	M (m,l) R/U	
<i>Myrsine guianensis</i>	Rapanea *	HD/MW	H	W	LG	CZ MZ	E	L	L	M (s,m,l) R/U	
<i>Murraya paniculata</i>	Orange jasmine	HD/LW	M	W	LG	ALL	E	H	L	M (s,m,l) R/U	Lakeview Jasmine
<i>Osmanthus americanus</i>	Wild olive *	MD	H	W	LG	CZ MZ	E	W	L	M (m,l) R/U	
<i>Philodendron selloum</i>	Philodendron	MD/LW	L	W	LG	ALL	E	L/H W	L	M (m,l) R/U	Only outside clear sight zones
<i>Psidium littorale</i>	Cattley guava	MD/MW	L	W	LG	ALL	E	H	L	M (m,l) R/U	
<i>Sabal minor</i>	Dwarf palmetto*	HD/MW	M	W	LG	ALL	E	H	L	M (m,l) R/U	
<i>Savia bahamensis</i>	Maidenbush *	HD/NW	H	W	LG	CZ	E	W	L	M (s,m,l) R/U	
<i>Schefflera arboricola</i>	Dwarf schefflera	HD/LW	M	W	LG	ALL	E	L/H W	M	M (s,m,l) R/U	
<i>Serenoa repens</i>	Saw palmetto*	HD/HW	H	W	LG	ALL	P	H	L	M (m,l) R/U	Spreading plant
<i>Viburnum obovatum</i>	Walter viburnum*	HD/MW	L	W	LG	ALL	E	H	L	M (m,l) R/U	Excellent for informal hedges

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<i>Viburnum suspensum</i>	Sandankwa viburnum	LD/LW	L	W	LG	ALL	E	H	H	M (m,l) R/U	
<i>Viburnum odoratissimum</i>	Sweet viburnum	MD/LW	L	W	LG	ALL	E	H	L	M (m,l) R/U	

RECOMMENDED ROADWAY PLANT MATERIALS - TREES

BOTANICAL NAME	COMMON NAME	DROUGHT / WATER TOLERANT	SALT TOLERANT	pH TOLERANT	HEIGHT RANGE	COLD TOLERANT	PLANT TYPE	LIGHT REQ	MAINTENANCE REQ	PLANTING USE	REMARKS
<i>Small Trees (10' to 25')</i>											
<i>Conocarpus erectus</i> 'Sericeus'	Silver buttonwood *	HD/HW	H	W	S	CZ MZ	E	H	M	M (m,l) R	
<i>Cordia boissieri</i>	White Geiger	HD/NW	M	W	S	ALL	E	H	M	M (m,l) R	Requires extended staking.
<i>Cordia lutea</i>	Yellow Geiger	HD/NW	M	W	S	CZ	E	H	M	M (m,l) R/U	Requires extended staking.
<i>Guaiacum sanctum</i>	Lignum vitae*	HD/NW	H	W	S	CZ	E	H	L	M (m,l) R/U	
<i>Ilex vomitoria</i>	Yaupon holly *	HD/LW	H	W	S	ALL	E	H	M	M (s,m,l) R	
<i>Ilex vomitoria</i> 'Pendula'	Weeping holly *	HD/LW	H	W	S	ALL	E	W	M	M (s,m,l) R	
<i>Lagerstroemia indica</i>	Crape myrtle	HD/LW	L	W	S	ALL	D	H	M	M (m,l) R	Natchez', Tuskarora', 'Muskogee' most suitable for South Florida
<i>Ligustrum japonicum</i>	Japanese privet	HD/LW	M	W	S	ALL	E	H	M	M (m,l) R/U	
<i>Macadamia integrifolia</i>	Macadamia nut	MD/NW	L	W	S	ALL	E	H	L	M (m,l) R	Potentially poisonous. Shade tree.
<i>Myrica cerifera</i>	Southern wax myrtle *	HD/MW	H	W	S	ALL	E	H	L	M (m,l) R	Minimize pruning.
<i>Syzygium paniculatum</i> 'Hookerana'	Brush Cherry	MD/HW	M	W	S	CZ/MZ	E	H	L	M (m,l) R	White Flower, Spring, Summer, Fall. Scales & Mites
<i>Tecoma stans</i>	Yellow elder*	HD/NW	L	W	S	CZ	D	H	L	M (m,l) R/U	Pruning required for tree.
<i>Tabebuia heterophylla</i>	Pink trumpet tree	HD/NW	M	W	S	CZ	E	H	L	M (m,l) R	
<i>Tabebuia impetiginosa</i>	Purple trumpet tree 'Ipe'	HD/LW	M	W	S	ALL	D	H	L	M (m,l) R/U	

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<i>Medium-sized Trees (25' to 40')</i>											
<i>Acer rubrum</i>	Red maple *	LD/HW	L	W	M	ALL	D	H	L	M (m,l) R	Wet area only.
<i>Bauhinia blakeana</i>	Hong Kong orchid tree	HD/MW	L	W	M	CZ MZ	E	H	L	M (m,l) R	Must be true B. blakeana. Other Bauhinia unacceptable.
<i>Bulnesia arborea</i>	Bulnesia	HD/LW	L	W	M	CZ MZ	E	H	L	M (m,l) R	
<i>Citharexylum fruticosum</i>	Fiddlewood*	HD/LW	M	W	M	CZ MZ	E	H	L	M (m,l) R	
<i>Clusia rosea</i>	Pitch apple*	HD/LW	H	W	M	CZ	E	H	L	M (m,l) R	Potentially poisonous.
<i>Coccoloba diversifolia</i>	Pigeon plum *	HD/LW	H	W	M	CZ MZ	E	H	L	M (m,l) R	
<i>Coccoloba uvifera</i>	Seagrape*	HD/LW	H	W	M	CZ	E	H	M/H	M (m,l) R	Messy fruit & foliage. Leaf Only outside clear sight zones
<i>Conocarpus erectus</i>	Buttonwood *	HD/HW	H	W	M	CZ MZ	E	H	L	M (m,l) R	
<i>Cordia sebestena</i>	Orange Geiger *	HD/NW	H	W	M	CZ	E	H	L	M (s,m,l) R	
<i>Ilex cassine</i>	Dahoon holly*	HD/MW	M	AC	M	ALL	E	H	L	M (s,m,l) R	
<i>Ilex attenuata</i> 'East Palatka'	East Palatka holly *	MD/LW	M	W	M	ALL	E	W	M	M (s,m,l) R	
<i>Juniperus silicicola</i>	Southern red cedar *	HD/LW	H	W	M	ALL	E	H	L	M (m,l) R	
<i>Lagerstroemia speciosa</i>	Queen's crape myrtle	HD/LW	L	W	M	CZ	D	H	M	M (m,l) R	Potentially poisonous.
<i>Myrcianthes fragrans</i>	Twinberry/Simpson's stopper *	HD/LW	H	W	M	ALL	E	H	M	M (s,m,l) R	
<i>Noronhia emarginata</i>	Madagascar olive	HD/LW	H	W	M	CZ	E	H	L	M (m,l) R	
<i>Pinus clausa</i>	Sand pine *	HD/NW	H	W	M	ALL	E	H	M	M (m,l) R	Extremely sensitive to irrigation & fertilization

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<i>Large Trees (40' to 75')</i>											
<i>Bursera simaruba</i>	Gumbo limbo*	HD/LW	H	W	L	CZ	SD	H	L	M (m,l) R	Needs space
<i>Koelreuteria bipinnata</i>	Goldenrain tree	MD/NW	L	W	L	ALL	D	H	M	M (m,l) R	Southern Golden Raintree
<i>Magnolia grandiflora</i>	Southern magnolia *	MD/MW	H	AC	L	ALL	E	H	M	M (m,l) R	Messy seeds & foliage
<i>Magnolia virginiana</i>	Sweetbay magnolia *	LD/HW	L	W	L	ALL	SD	H	M	M (m,l) R	
<i>Mastichodendron foetidissimum</i>	Mastic *	HD/NW	H	W	L	CZ	E	H	L	M (m,l) R	Needs space
<i>Peltophorum pterocarpum</i>	Yellow poinciana	HD/LW	M	W	L	ALL	E	H	M	M (m,l) R	Shallow rooted; blows over easily in wind
<i>Pinus elliotii densa</i>	Southern slash pine *	HD/MW	H	W	L	ALL	E	H	M	M (m,l) R	Extremely sensitive to irrigation & fertilization
<i>Piscidia piscipula</i>	Jamaican dogwood *	HD/NW	H	W	L	CZ	E	H	L	M (m,l) R	Potentially poisonous.
<i>Podocarpus gracilior</i>	Weeping yew	MD/NW	M	W	M	CZ MZ	E	H	L	M (m,l) R	
<i>Quercus virginiana</i>	Live oak *	HD/LW	H	W	L	ALL	E	H	L	M (m,l) R	
<i>Simarouba glauca</i>	Paradise tree*	HD/NW	H	W	L	CZ	E	H	L	M (s,m,l) R	
<i>Swietenia mahagoni</i>	Mahogany *	HD/LW	H	W	L	CZ	E	H	L	M (m,l) R	
<i>Taxodium ascendens</i>	Pond cypress*	MD/HW	M	W	L	ALL	D	H	L	M (m,l) R	
<i>Taxodium distichum</i>	Bald cypress *	HD/HW	M	W	L	ALL	D	H	L	M (m,l) R	

RECOMMENDED ROADWAY PLANT MATERIALS - VINES

BOTANICAL NAME	COMMON NAME	DROUGHT / WATER TOLERANT	SALT TOLERANT	pH TOLERANT	HEIGHT RANGE	COLD TOLERANT	PLANT TYPE	LIGHT REQ	MAINTENANCE REQ	PLANTING USE	REMARKS
<i>Allamanda cathartica</i>	Yellow Allamanda	MD/NW	L	W	MT	CZ MZ	E	H	M	M (s,m,l) R/U	
<i>Allamanda violacea</i>	Purple Allamanda	MD/NW	L	W	MT	CZ MZ	E	H	M	M (s,m,l) R/U	
<i>Bougainvillea spectabilis</i>	Bougainvillea	HD/NW	H	W	LG	CZ MZ	E	H	M	M (m,l) R/U	Many cultivars acceptable.