

MEMORANDUM

TO: Angel Khoury
Roanoke Island Corridor Commission

FROM: P. P. Mansfield
Roadside Environmental Engineer

SUBJECT: Trees suitable for planting on Roanoke Island

Here are three lists that might be considered as suitable trees for planting along the US64/264 Corridor on Roanoke Island. Those printed in green would be the best choices. These trees should be available on the market, some in containers, but most as balled & burlap stock. Sizes will range from 1 ¾” to 4” caliper at 6-14’ tall, depending on the tree and current demand. Trees are relatively scarce in the larger sizes. There are some large trees, which are well adapted to life in your area, but are not available on the market, such as Black Walnut, Black Cherry, Hickory, and Chinese Chestnut. Those could be purchased from the NC Forest Service as seedlings – 18” to 3 ½’ tall.

Small 15-25 feet

<i>Acer ginnala</i>	Amur Maple	S	<i>Cercis canadensis</i>	Redbud	S
<i>Cornus florida</i>	Dogwood	H	<i>Cornus kousa</i>	Chinese Dogwood	H
<i>Crataegus phaenopyrum</i>	Hawthorne	H	<i>Gordonia lasianthus</i>	Loblolly Bay	S
<i>Lagerstroemia indica</i>	Byers White	S	<i>Magnolia virginiana</i>	Sweet Bay Mag.	S
<i>(Crape Myrtles)</i>	Carolina Beauty	S	<i>Malus x hybrida</i>	Crabapple	S
	Muskogee	S	<i>Prunus cerasifera</i>	Purple Leaf Plum	S
	Natchez	S	<i>Prunus mume</i>	Peggy Clark Apricot	S
	Potomac	S	<i>Prunus x Okame</i>	Okame Cherry	S
<i>Prunus serrulata</i>	Ornamental Cherry	S	<i>Styrax japonicus</i>	Japanese Snowbell	S
<i>Vitex agnus-castus</i>	Vitex – Chaste Tree	S			

Medium 30-50 feet

<i>Acer rubrum</i>	Red Maple	H	<i>Gelditsia triacanthos</i>	Honey Locust	H
<i>Diospyros virginiana</i>	Persimmon	H	<i>Koelreuteria paniculata</i>	Golden Rain Tree	S
<i>Halesia carolina</i>	Carolina Silverbell	S	<i>Ulmus parvifolia</i>	Dynasty Chinese Elm	H
<i>Lagerstroemia fauriei</i>	Fantasy Crape	S	<i>Quercus shumardii</i>	Shumard Oak	H
<i>Cryptomeria japonica</i>	Japanese Cedar	E			

Large 50 +

<i>Betula nigra</i>	River Birch	S	<i>Celtis occidentalis</i>	Hackberry	H
<i>Liquidambar styaciflua</i>	Sweetgum	H	<i>Liquidambar Rotundiloba</i>	Fruitless Sweetgum	H
<i>Liriodendron tulipifera</i>	Tulip Poplar	H	<i>Nyssa sylvatica</i>	Black Gum	H
<i>Platanus occidentalis</i>	Sycamore	H	<i>Quercus acustissima</i>	Sawtooth Oak	H
<i>Pinus taeda</i>	Loblolly Pine	E	<i>Quercus alba</i>	White Oak	H
<i>Quercus coccinea</i>	Scarlet Oak	H	<i>Quercus falcata</i>	Cherry Bark Oak	H
<i>Quercus laurifolia</i>	Live Oak	H	<i>Quercus nigra</i>	Water Oak	H
<i>Quercus palustris</i>	Pin Oak	H	<i>Quercus phellos</i>	Willow Oak	H
<i>Quercus robur</i>	English Oak	H	<i>Quercus rubra</i>	Red Oak	H
<i>Quercus virginiana</i>	Southern Live Oak	E	<i>Taxodium distichum</i>	Bald Cypress	E
<i>Zelkova serrata</i>	Zelkova	H			

Hope this is helpful. Give me a call if I can be of further assistance.

Pat