

TORREY PINES ROAD PRELIMINARY ENGINEERING STUDY

TECHNICAL MEMORANDUM FOR

TREES



By

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I. TOPIC DESCRIPTION

Several trees were mentioned in the corridor study for consideration in the project area. Additionally trees are also mentioned in the La Jolla Community Plan. This technical memorandum reviews and indicates which trees would be best suited to the alignment in consideration of the improvements being made in the project.

II. DISCUSSIONS OF FINDINGS

II.1. Which Trees?

The Torrey Pines Corridor Study mentions the following trees for consideration in the parkway between the road and sidewalk: Washingtonia Robusta (Mexican Fan Palm), King Palm, Queen Palm; Tristania Laurina (Water Gum), and Jacaranda. An example of each of these trees is shown below.

The La Jolla Community Plan (page 150) says that the Queen Palm and the Mexican Fan Palm should be used along Torrey Pines Road. It also mentions Eucalyptus and Torrey Pine for special situations. But the Corridor Study notes that Eucalyptus should not be considered.

II.1. Tree Locations

The locations of trees in the project area should be selected after proper placement of features that will provide safe travel through the project area. Upon placement of these features in detailed design and selection of planting areas, trees and other plantings can be placed.



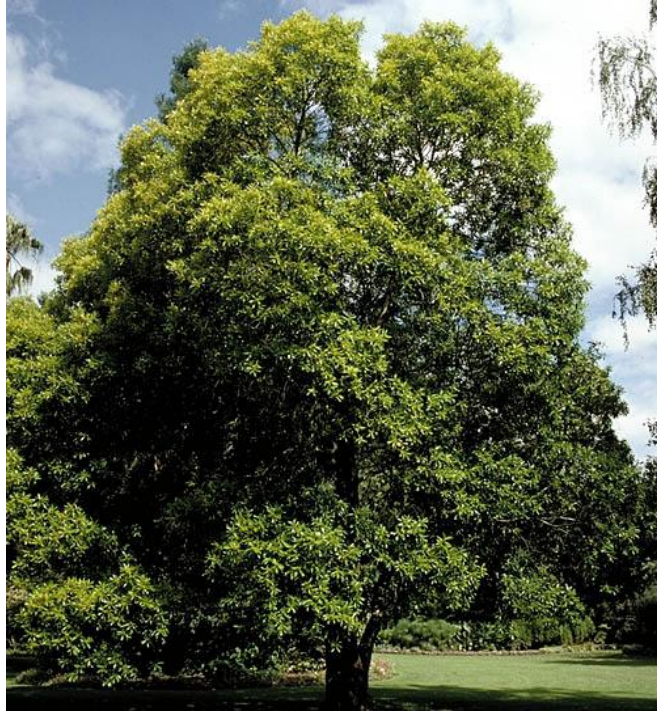
Picture 1 - Washingtonia Robusta (Mexican Fan Palm)



Picture 2 - Queen Palm



Picture 3 - King Palm



Picture 4 - Tristania Laurina (Water Gum)



Picture 5 - Jacaranda



Picture 3905 - Palm Trees at the intersection of Torrey Pines Road and La Jolla Shores Drive



Picture 3971 - Palm Trees along Prospect Place

II.2. Tree Costs

Average palm tree costs installed are approximately \$3000 for a 24 inch boxed tree. Since the project has constrained parkway strips it is recommended to purchase larger trees to avoid having branches extending into the traveled way.

III. RECOMMENDATIONS

It is recommended that trees in view corridors be limited to Queen Palm and the Mexican Fan Palm, as stated in the La Jolla Community Plan. The palm trees do not obstruct the view and are a common theme throughout La Jolla and the San Diego area. Photos below show palm trees at both ends of the



project; at the intersection of Torrey Pines Road and La Jolla Shores Drive, and along Prospect Place. In other areas the landscape architect may consider the other suggested trees as appropriate.

Tree type	Mentioned in Corridor Study	Mentioned in Community Plan	Recommended for use in Project
Washingtonia Robusta (Mexican Fan Palm)	Yes	Yes	Recommended. Tree provides decoration while limiting obstruction to views
Queen Palm	Yes	Yes	Recommended. Like Mexican Fan Palm, palms are planted in the area and limit obstruction to views.
King Palm	Yes	No	Not Recommended because not listed in the La Jolla Community Plan.
Tristiana Laurina (Water Gum)	Yes	No	Not recommended. Tree has significant foliage that would obstruct views. Project area limitations in width also make this tree unacceptable.
Jacaranda	Yes	No	Not recommended. Tree has significant foliage that would obstruct views. Project area limitations in width also make this tree unacceptable.
Special Situations: Eucalyptus	No	Yes	Not recommended. Obstructs views. High maintenance generates lots of debris.
Special Situations: Pinus Torreyana (Torrey Pine)	No	Yes	Not recommended at this time. Due to constrained widths for plantings in the alignment this tree may not be suitable.

