# TREE CARE MANUAL
City of Los Angeles Department of Recreation and Parks

## TABLE OF CONTENTS

1.0  Introduction to Section Items

2.0  Definitions

3.0  Tree Maintenance Guidelines
    Introduction
    3.10  Care of trees listed in the **DRP Tree Preservation Policy**
    3.15  Request for Tree Work Guidelines
      3.15.1  Regular Work Requests
      3.15.2  Emergency Work Requests
    3.20  DRP Pruning Standards
      3.20.1  Industry Standards
      3.20.2  Types of Pruning
      3.20.3  Pruning Cuts
      3.20.4  Timing of Pruning
      3.20.5  Pruning Stressed Trees
      3.20.6  Pruning Young Trees
    3.30  Prohibited Acts
      3.30.1  Excessive Pruning
      3.30.2  Topping and Heading
      3.30.3  Other Prohibited Actions
    3.40  Maintaining Tree and Turf Association
      3.40.1  Mulching as a Turf Alternative
      3.40.2  Mowing and Other Equipment
      3.40.3  Fertilizing Standards and Mycorrhizae Treatments
    3.50  Watering Practices
    3.60  Soil Condition
      3.60.1  Drainage
      3.60.2  Aeration
    3.70  Insect and Disease Control
    3.80  Training Material
    3.90  Tree Inventory
4.0 Protection of Trees During Construction

Introduction

4.10 Planning for All Projects.

4.10.1 Planning and Designing for Capital Improvement Projects
A) Survey before Planning
B) Plan and Design with a Knowledge of Trees
C) Plan with a Vision
D) Plan for all Aspects and Duration of Project

4.10.2 Managing In-House Construction Projects
A) Survey before Planning
B) Plan and Design with Knowledge of Trees
C) Plan with a Vision
D) Plan for all Aspects and Duration of Project

4.20 Pre-Construction Requirements—Tree Protection and Preservation Plan

4.20.1 Site Plan

4.20.2 Protective Tree Fencing for Various Categories of Protected Trees
A) Type I Tree Protection Fence
B) Type II Tree Protection Fence
C) Type III Tree Protection Fence

4.20.3 Verification of Tree Protection
A) Tree Fencing
B) Erosion Control
C) Tree Pruning
D) Soil Compaction
E) Tree Maintenance

4.20.4 Pre-construction Meeting

4.20.5 Tree Protection Zone
A) Activities Prohibited within the Tree Protection Zone
B) Activities Permitted or required within the Tree Protection Zone
C) Erosion Control

4.20.6 Tree Pruning and Removal

4.30 Activities During Construction and Demolition Near Trees

4.30.1 Soil Compaction

4.30.2 Grading Limitations within the Tree Protection Zone
A) Grade Changes within the Tree Protection Zone
B) Grade Changes outside the Tree Protection Zone
C) Grade Changes under Specifically Approved Circumstances
D) Grade Fills
E) Grade Cuts
4.30.3 Trenching, Excavation and Equipment Use
   A) Roots Severance
   B) Excavation
   C) Heavy Equipment

4.30.4 Tunneling and Directional Drilling

4.30.5 Alternative Methods for Hardscape to Prevent Root Cutting
   A) Grinding
   B) Ramping
   C) Routing
   D) Permeable Materials

4.30.5 Using Alternative Base Course Materials

4.40 Tree Maintenance During Construction
  4.40.1 Irrigation
  4.40.2 Soil Compaction Mitigation
  4.40.3 Dust Control

4.50 Damage to Trees
  4.50.1 Reporting Injury to Trees
  4.50.2 Contractor being Subject to Penalties
  4.50.3 Employees being Subject to Discipline

4.60 Documents to be included in all Projects
  4.60.1 Tree Protection Guidelines for Designers and Project Managers
  4.60.2 Instructions to Prevent Tree Damage During Construction Work

4.70 Right Of Entry Permits and Documents to be included with every permit
  4.70.1 Instructions to Prevent Tree Damage During Construction Work

5.0 Tree Removal, Replacement, and Planting

5.10 Tree Removal
  5.10.1 DRP Tree Removal Procedure
  5.10.2 Notification Protocol for Large Scale Tree Removal Projects
  5.10.3 Tree Removal in Four Categories of DRP Protected Trees

5.20 Tree Replacement

5.30 Tree Planting
  5.30.1 DRP Reforestation Program
  5.30.2 Planting Guidelines for Park Trees
  5.30.3 Nursery Specifications for Park Trees
6.0 Tree Evaluation for Hazard and Economic Value
   Introduction
   6.10 Hazardous Trees
       6.10.1 Emergency Removal of Hazardous Trees
       6.10.2 Criteria for Determining Hazardous Trees
       6.10.3 Public Notification
   6.20 Tree Appraisal

7.0 Safety Standards
   Introduction
   7.10 ANSI Safety Standards for Tree Care Industry
   7.20 R&P Code of Safe Practices for the Forestry Operation
   7.30 Safety Practices to Secure Work Area including Flagging
   7.40 Rigging
   7.50 Knotting

8.0 Appendices

   A. DRP Tree Preservation Policy
   B. L.A. City Oak Tree Ordinance
   C. ANSI A300 (part 1)-2001 Pruning
   D. Best Management Practices, Tree Pruning
   E. ANSI Z133.1-2000 Safety Requirements
   F. DRP Code of Safe Practices for Forestry Operation
   G. Tree Protection Guidelines for Designers and Project Managers
   H. Major Construction Impacts and Methods to Minimize Damage
   I. How to Prevent Damage to Trees During Construction
   J. Tree Removal Procedure
   K. Notification Protocol
   L. ISA Hazard Evaluation Form
   M. LA City Landscape Policy
   N. DRP Tree Planting and Selection Guidelines
   O. Nursery Specifications for Park Trees
   P. Training Leaflets

9.0 Assumptions

10.0 References