Anaheim Public Utilities

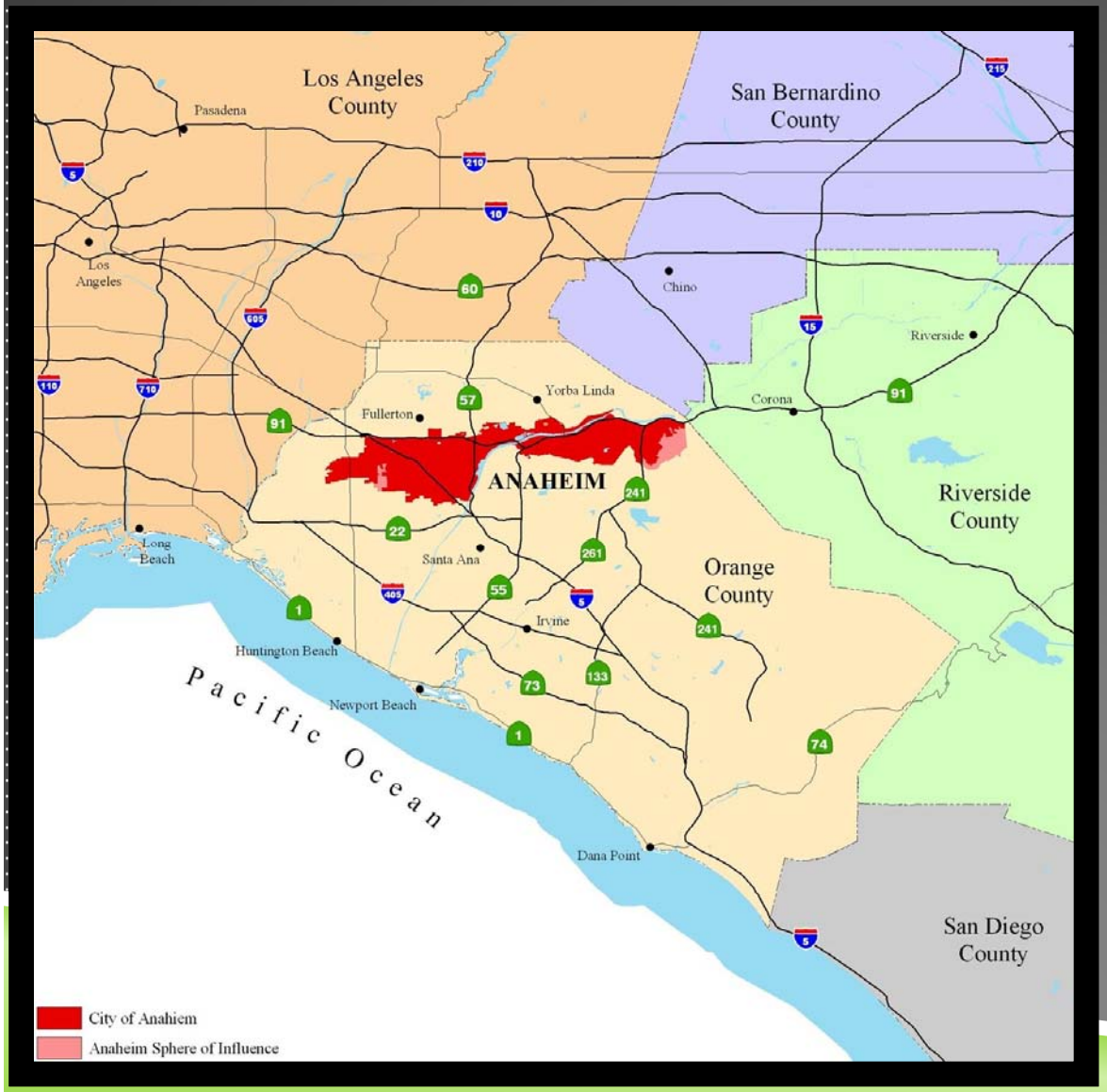
CPUC En Banc

Utility Pole Safety - Municipality Approach

April 28, 2016

Los Angeles, CA

About Anaheim Public Utilities



50 Sq Mi Service Area

350,000+ Population

20M visitors per year

Electric & Water Service Mid-Sized Municipality

Governance By City Council, Public Utilities Board & City Manager

Own 15,000+ utility poles

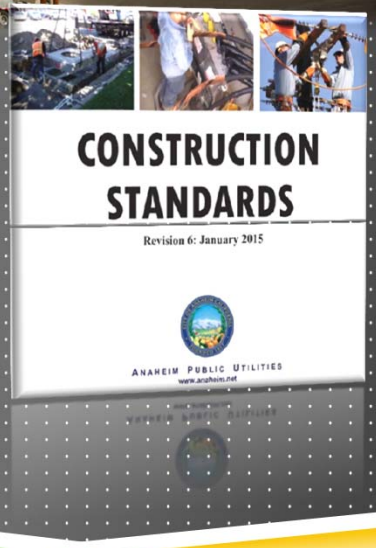
Utility Pole Safety Approach

Key Focus:

Electric System Reliability

Public and Employee Safety

- Maintain Common Standards
- Maintain Integrity of Infrastructure
- Plan for Growth
- Apply Advanced Technology
- Underground Conversion



Utility Pole Safety Approach

Maintain Integrity of Infrastructure

Vegetation Management

System Inspection

Pole Loading

Utility Pole Safety Approach

Plan for Growth

Creativity and Innovation
Coordination Amongst All Providers

Utility Pole Safety Approach

Apply Advanced Technology

Ductile Iron Pole

Underground Conversion – "Before"

Underground Conversion – "After"

Underground Conversion-

ANAHEIM HAS UNDERGROUNDED 119 MILES SINCE 1990

Options for Joint Trenching

Opportunity for Automation

Eliminate Exposure of Poles and Wires

Install New LED Street Lights

Reduce Overall Maintenance Costs

Improve Aesthetics

Challenges

Retaining Knowledge Base

Responding to 24-hour Customer Web Portal

Finding Creative Solutions for Overhead Upgrades

Maintaining Timely Transfers by Joint Pole Owners

Means For a Shared Pole Loading Database

Questions?