11th Annual New Partners for Smart Growth

Building Safe, Healthy and Livable Communities

LONG RANGE PLANS FOR RESILIENT URBAN FORESTS

WALT WARRINER
COMMUNITY FORESTER
CITY OF SANTA MONICA, CA

walter.warriner@smgov.net

LONG RANGE PLANS

- Consistent control of the urban forest
- > Transition of successive urban forest managers
- Improved operational policies and procedures
- Increase in value
- > Identification and development of new species
- > A continual process grades species performance
- Evaluating species for use where they work best
- > Establishes a forest renewal program

LONG RANGE PLANNING

- Analyze current condition
- Determine remaining useful life span of trees
- Engage and educate the public
- Develop Guiding Principles
- Long term strategy for funding forest renewal
- > Build in resiliency over decades & generations

THREATS TO THE URBAN FOREST

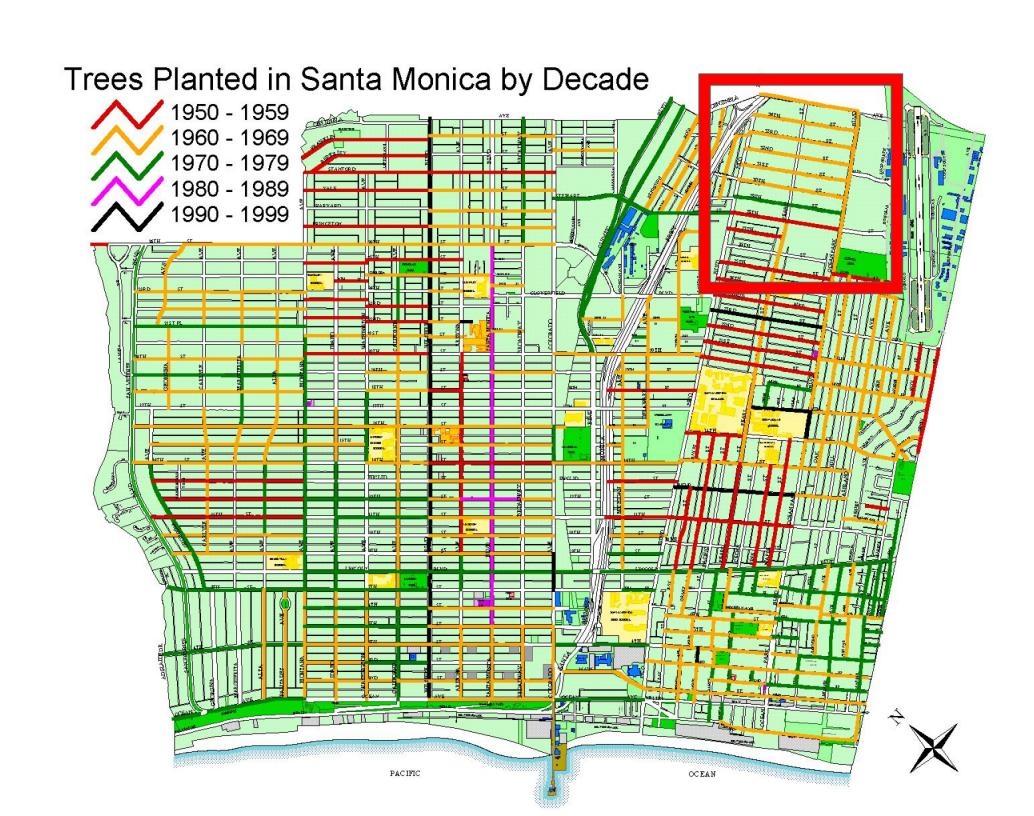
- Root damage
- Development
- Ignorance & Apathy
- **Weather**
- Old age
- Insects & Diseases

THREATS TO THE URBAN FOREST

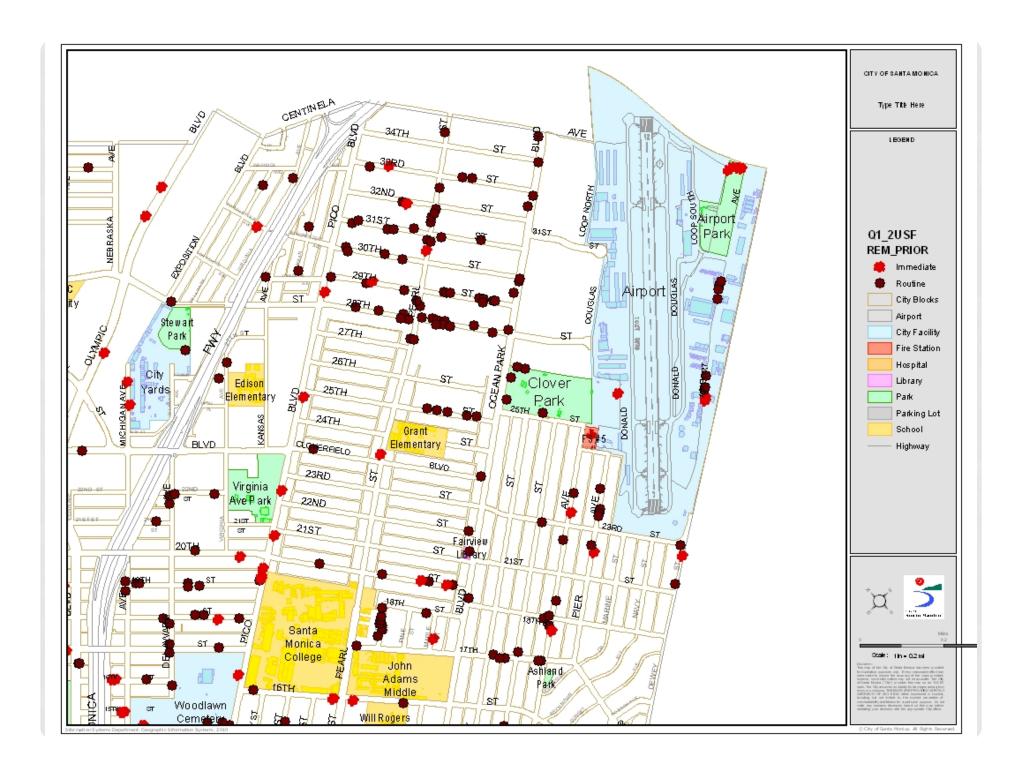
- Root damage: Improved standard of care
- > Development: Development Agreements
- Ignorance & Apathy: Education
- Weather: Preparedness
- Old age: Long range planting plans
- > Insects & Diseases: Species diversity

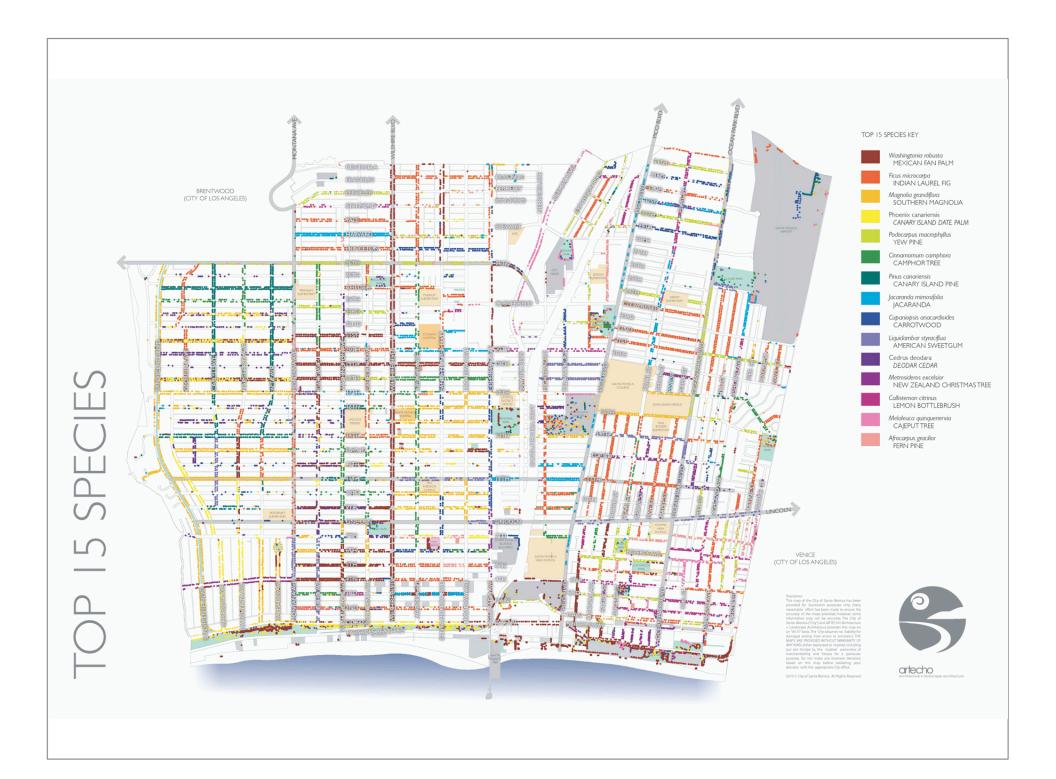
SANTA MONICA'S URBAN FOREST

- > 33,800 publicly owned trees
- > 40% of the City's trees are over 50 years
- > 15% of the forest under 10 years
- > Top 15 species = 49% of the forest
- > Top environmental performers at risk









25 TOP SPECIES IN SOUTHERN CALIFORNIA LOMPOC – SAN DIEGO*

- 1. Crape Myrtle
- 2. Mexican Fan Palm
- 3. Liquidambar
- 4. Canary Island Pine
- 5. Magnolia
- 6. London Plane
- 7. Queen Palm
- 8. Carrotwood
- 9. Jacaranda
- 10. Chinese Elm
- 11. Tristania
- 12. Camphor

- 13. Sycamore
- 14. California Pepper
- 15. Holly Oak
- 16. Live Oak
- 17. Ficus
- 18. Brazilian Pepper
- 19. Bradford Pear
- 20. Aleppo Pine
- 21. Red Iron Bark
- 22. Eucalyptus spp.
- 23. Evergreen Pear
- 24. Lemon Scented Gum
- 25. Red Gum

Data courtesy of West Coast Arborists

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BUILDING RESILIENCY

- Council appointed Urban Forest Task Force
- Regular meetings over two years
- Engaged the public
- Analyzed current status
- Developed Guiding Principles
- Forest renewal program developed

➤ Development of Guiding Principles



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 - 1. The urban forest & its environment

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 - 5. Stewardship of the urban forest
 - 6. Enhancing the urban forest

URBAN FOREST TASK FORCE

> Community outreach & workshops





ISSUES AFFECTING THE FOREST

- Dependence on too few species
- Age or disease susceptibility
- Lack of unity in plantings
- Streets under planted too many vacancies
- Unbalanced canopy coverage
- Restricted grow spaces
- > No specific plan for undeveloped areas

CITY TREES ARE BEING PROPOSED FOR YOUR STREET NOW

Sometimes trees, including familiar and iconic species, need to be replaced due to disease, age or other damage.

The replacement species for the **street trees adjacent to your home** is being proposed now.

Please let us know what you think.

HOW YOU CAN COMMENT ON THE TREE SPECIES FOR YOUR STREET:

1: Find out what is proposed for your street.

Look up your street segment on the 'Draft Designated Street Trees List' available online at

www.santamonicatrees.com

→ If a new species is being proposed, follow the link for your street segment to see what the proposed new trees will look like

If you do not have internet access...

- → Call 310-458-8974 to request a hardcopy
- >> View a hardcopy at any Santa Monica Public Library

2: Tell us what you think by September 14.

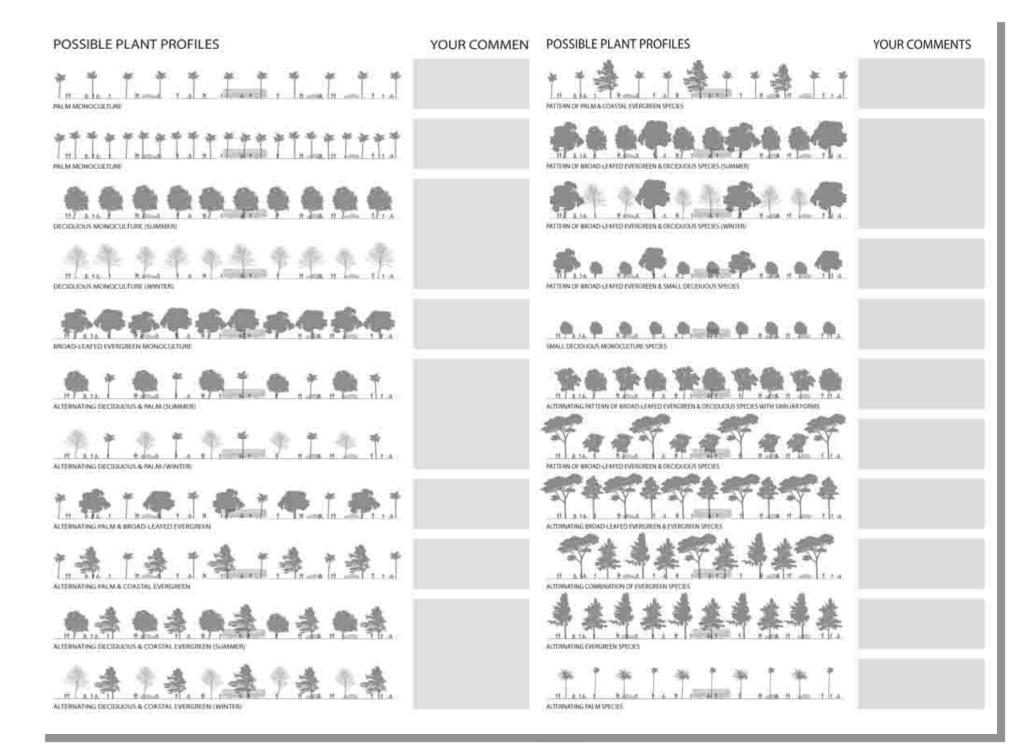
- Email comments to trees@smgov.net.
- → Mail comments to:

Public Landscape Division Attn: Urban Forest Master Plan Task Force 2600 Ocean Park Blvd Santa Monica, CA 90405

Attend Urban Forest Master Plan Task Force meetings on September 7 or September 14 at 6:30 pm at Virginia Avenue Park Thelma Terry Building







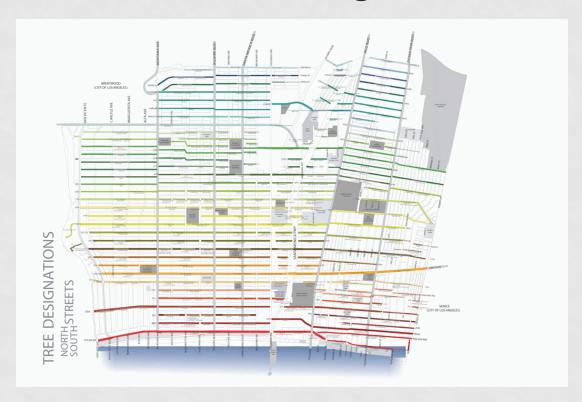
THE PEOPLES CHOICE

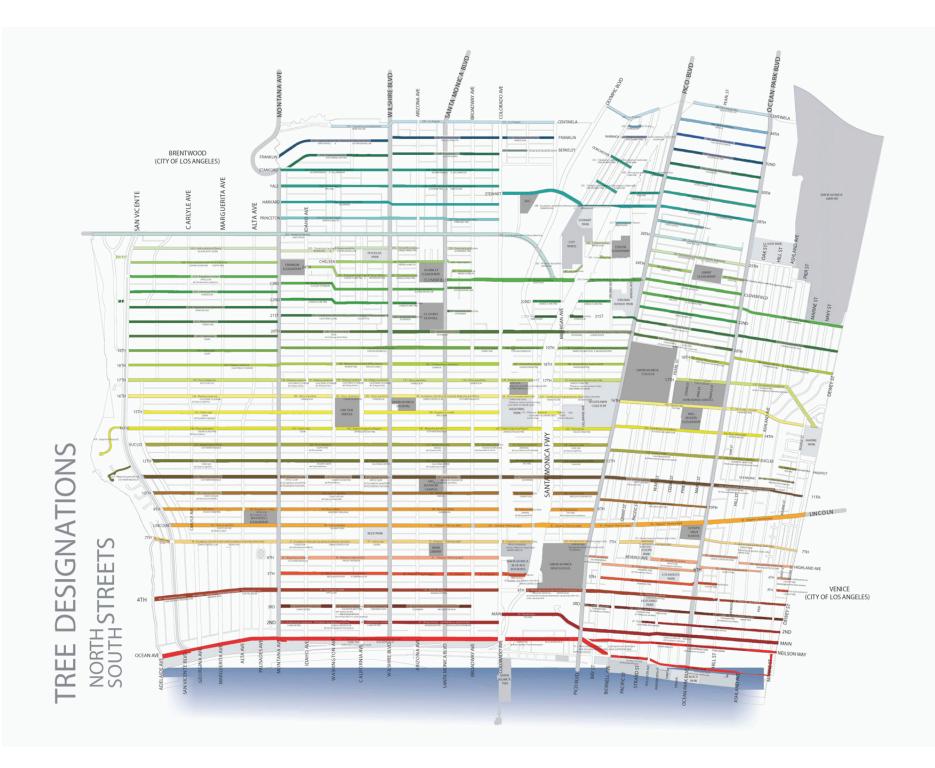
- 1. Broadleaved Evergreen Monoculture
- 2. Broadleaved Evergreen & Deciduous
- 3. Narrow leaved Evergreen & Deciduous
- 4. Deciduous Monoculture
- 5. Combination of narrow leaved Evergreen Species
- 6. Broadleaved Evergreen & Deciduous with Similar Form
- 7. Broadleaved Evergreen & narrow leaved Evergreen
- 8. Combination of multiple evergreen Species
- 9. Palm Monoculture (compact spacing)
- 10. Palm & Deciduous

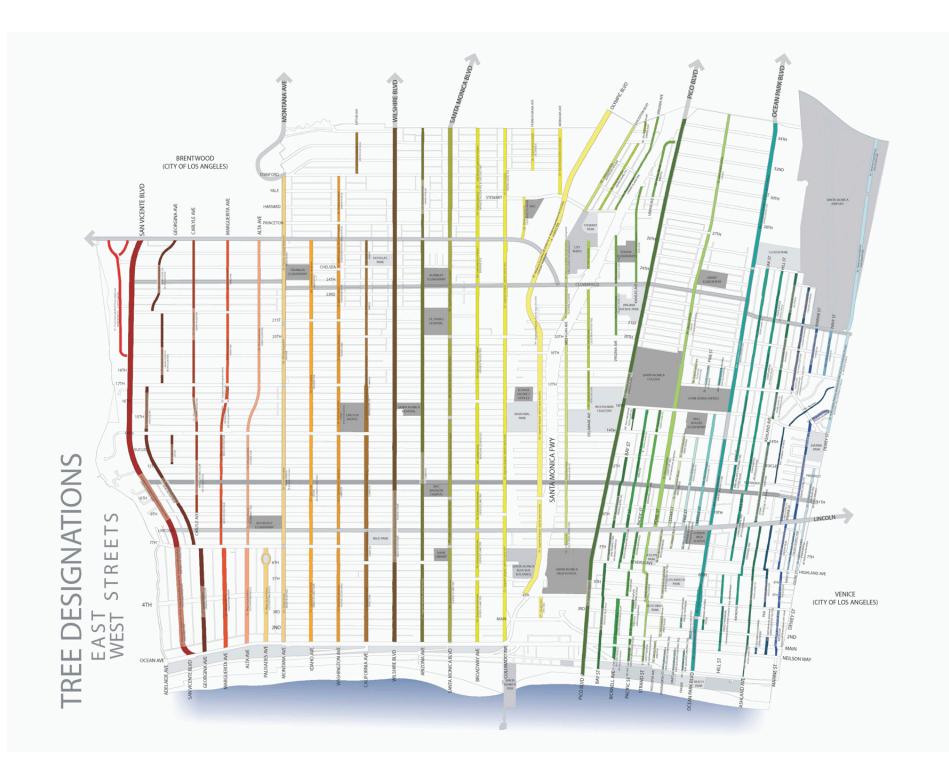
1st Choice – Broad leaved Evergreen Monoculture 2nd Choice – Broad leaved Evergreen & Deciduous 3rd Choice – Narrow leaved Evergreen & Deciduous

DESIGNING THE FUTURE FOREST

- Define street segments
- > Refine street tree designations







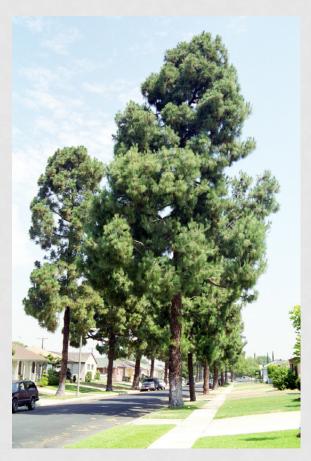
> Size of growspace in relation to street







> Size of canopy in relation to street



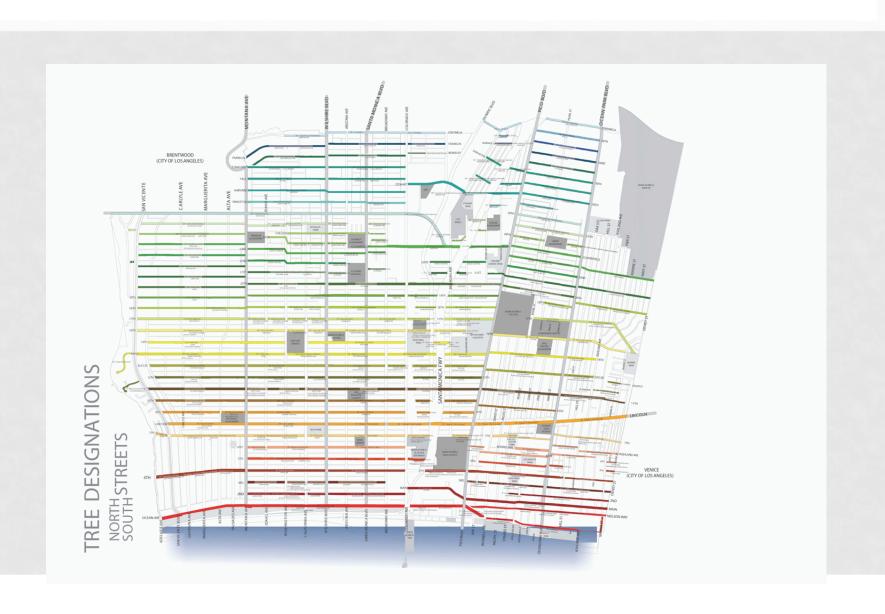


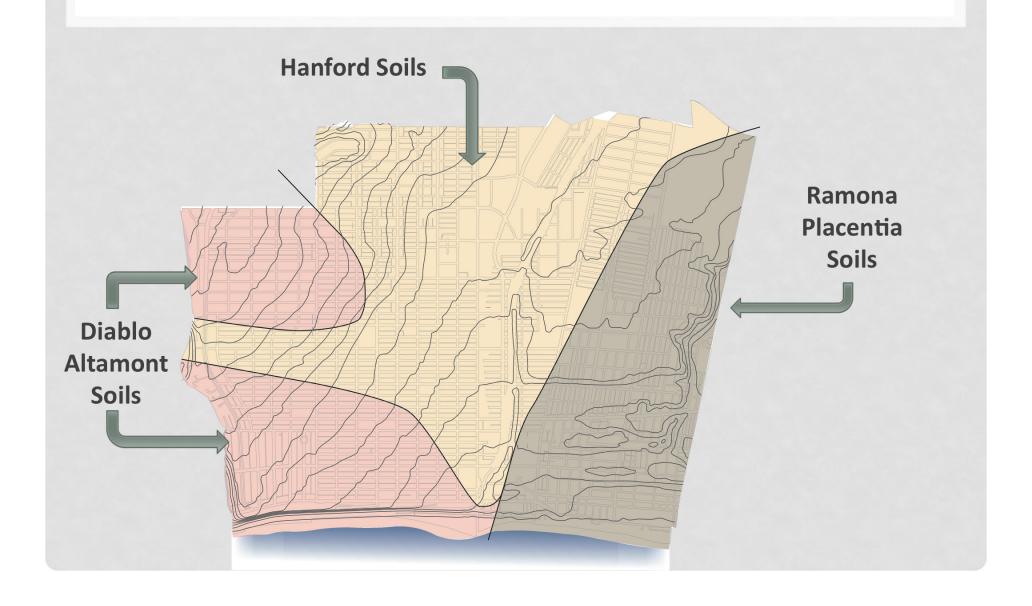


> Adjacent buildings & structures





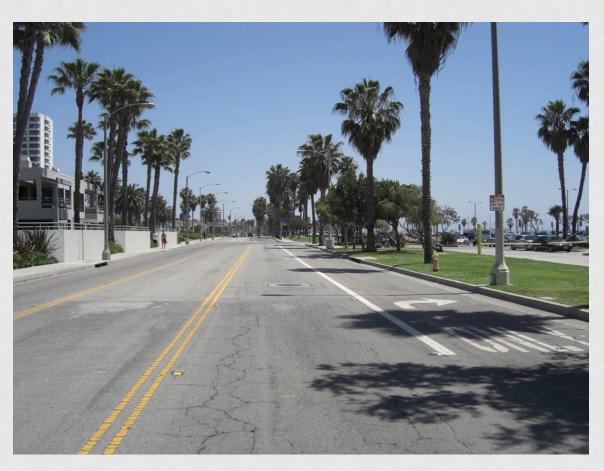




CLIMATE IMPACT



> Type of traffic; heavy vehicles, pedestrians





SPECIES SELECTION

- > Avoid using trees in the Top 15
- > Retain beneficial species
- > Seek opportunities for new species
- > Select species that adapt to local conditions
- Create nursery availability

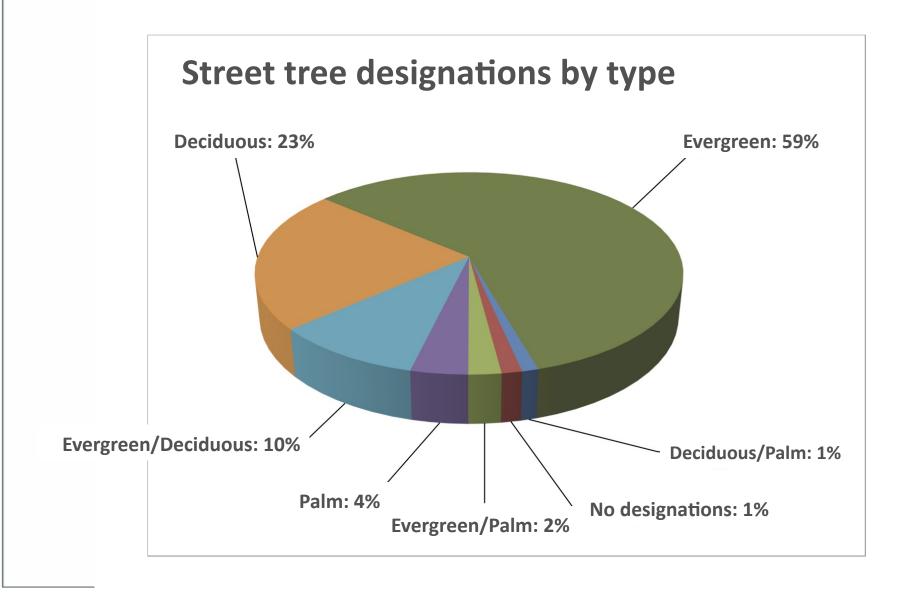
CHANGING SITE CONDITIONS

- Expand tiny parkways
- > Plant trees behind monolithic curbs
- Create green streets
- > Tree well cut outs
- > Collaborating on Public Works improvement projects

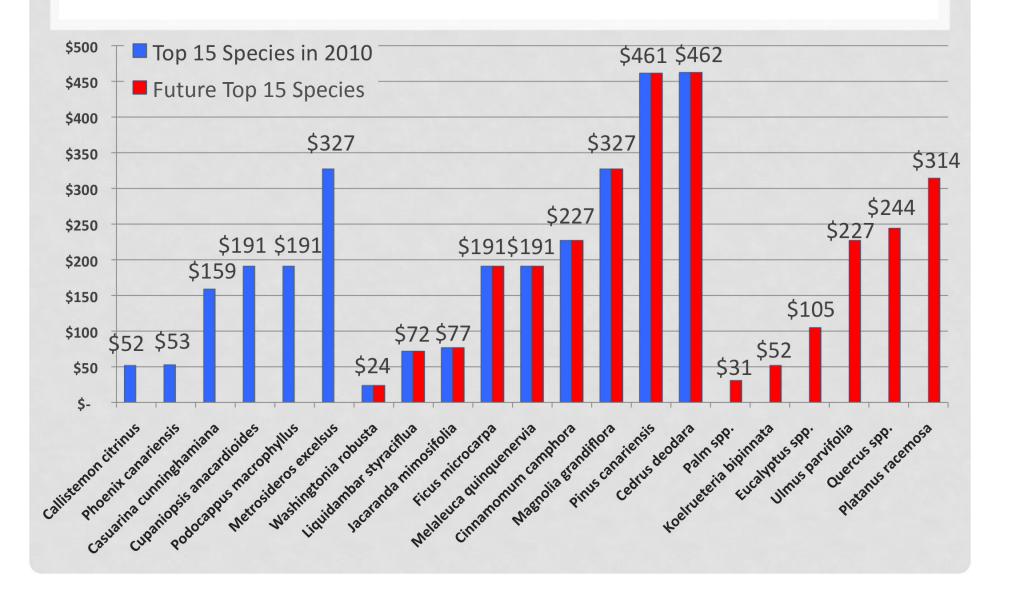
SPECIAL PROJECTS

- **Grants**
- > Significant groves, stands or Allées
- Council directed public improvement projects
 - **EXPO Lite Rail**
 - Development Agreements
 - > Freeway forest
 - > The "City as an Arboretum" concept

THE COMMUNITY'S FUTURE FOREST



THE COMMUNITY'S FUTURE FOREST



- Long Range Master Plan
- Dedicated funding
- Proactive forest renewal program
- Greater species diversity
- Natural ability to thrive in local climate

- > Share the vision through Guiding Principles
- > Think beyond your experience
- Plan beyond your tenure
- > Educated public, decision makers & staff
- Integrate the forest into the infrastructure
 - Mandate proper urban forest management policies
 - > Assign responsibility

