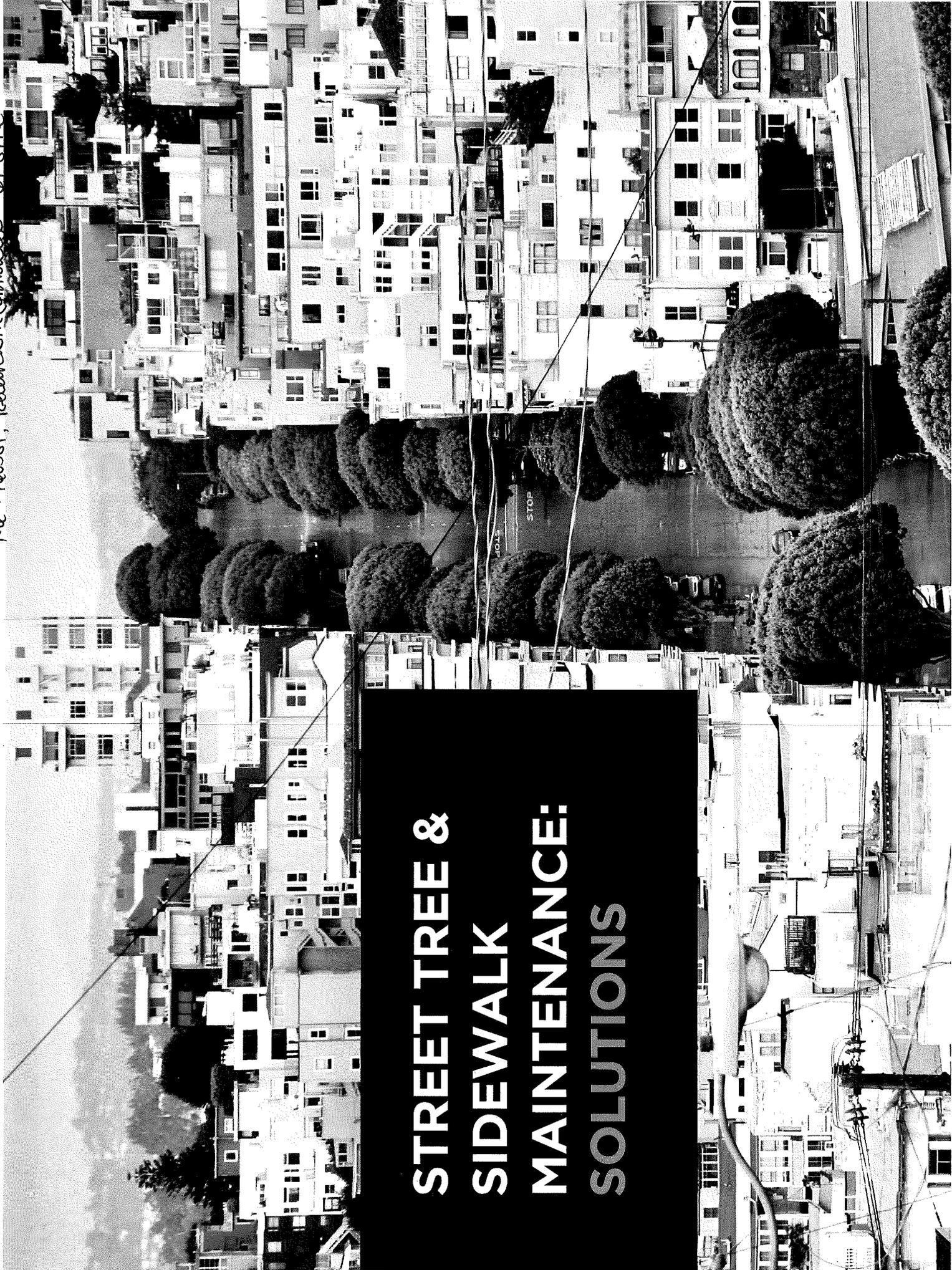
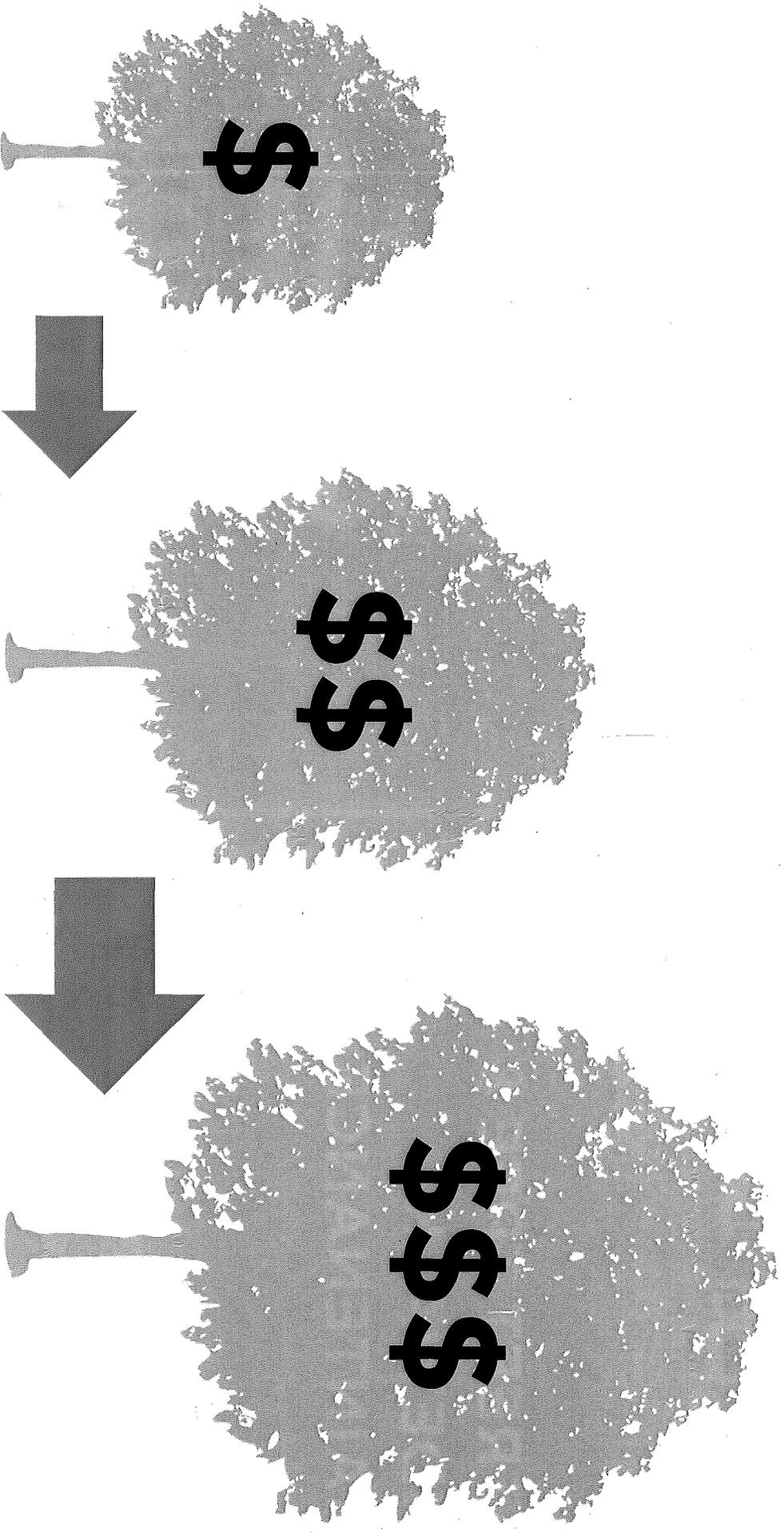


FILE # 100081, KERRICK AVE COMMUNITY - 601 8114



**STREET TREE &  
SIDEWALK  
MAINTENANCE:  
SOLUTIONS**

# CAPITAL ASSET



Only piece of infrastructure that **INCREASES** in value over time = **MORE BENEFITS**

# URBAN FOREST TODAY



Canopy decline



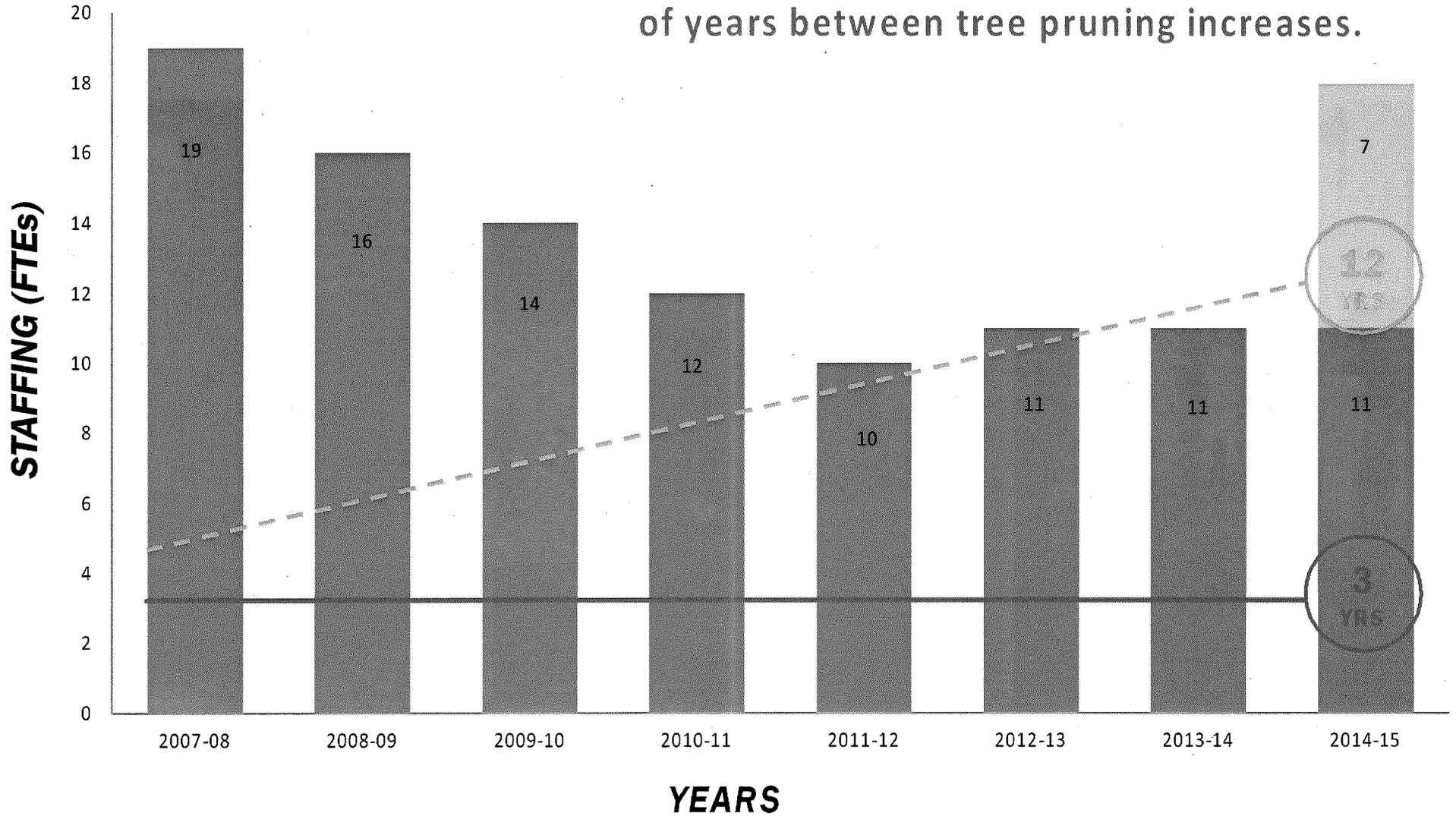
Maintenance  
funding limits  
planting



Sidewalk  
repair needs

# PUBLIC WORKS RESOURCES

As resources decline, the average number of years between tree pruning increases.



Arborist Crews (FTEs)



Arborist Apprentices (FTEs)



Average Street Tree Maintenance Cycle (years)



Recommended Maintenance Cycle (years)

# TREE MAINTENANCE TRANSFER



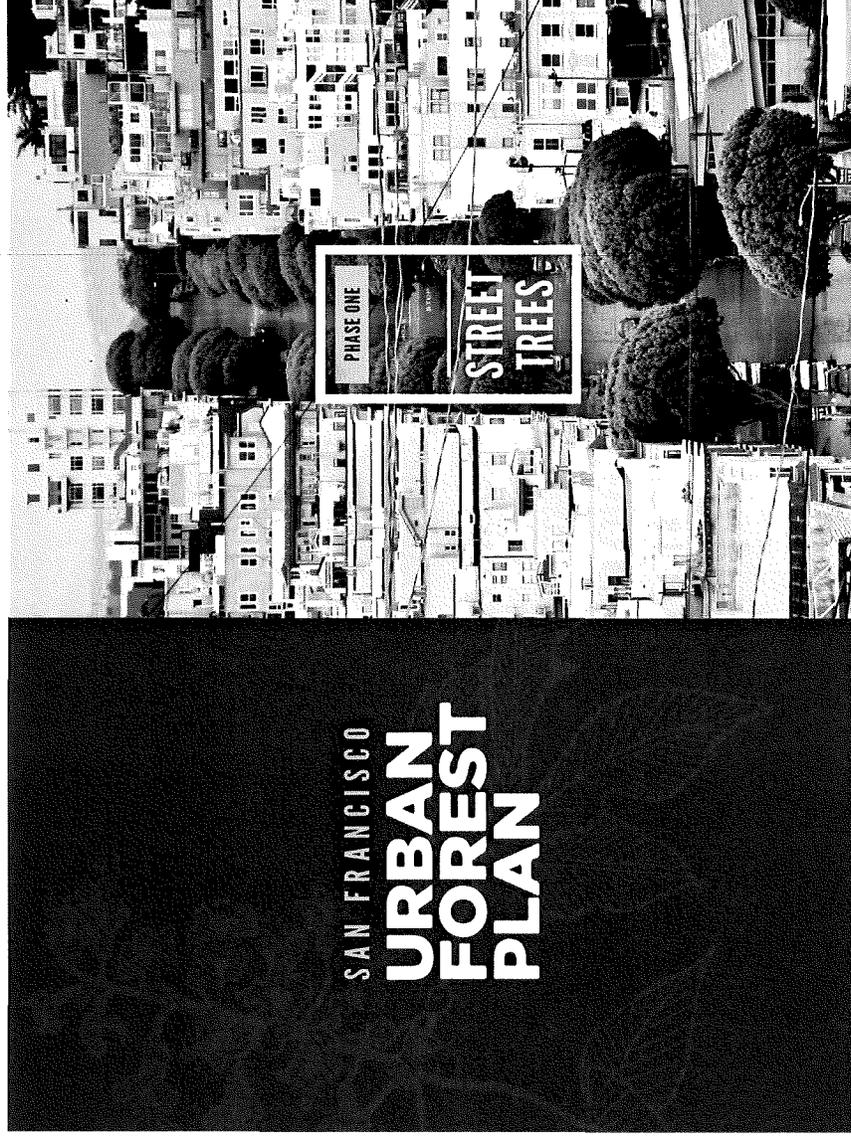
- Public Works' resources for tree maintenance continue to decline
- Unable to care for all trees under Public Works' responsibility
- Lack of maintenance = threats to public safety and property (sidewalk damage)
- Necessary but NOT ideal to transfer maintenance to property owners

# CHALLENGES OF TRANSFER

- Property owners unable or unwilling to care for trees
- Property owners facing new costs they never planned for
- Concerns about quality of tree care and loss of trees
- Higher per tree costs/loss of efficiencies of scale

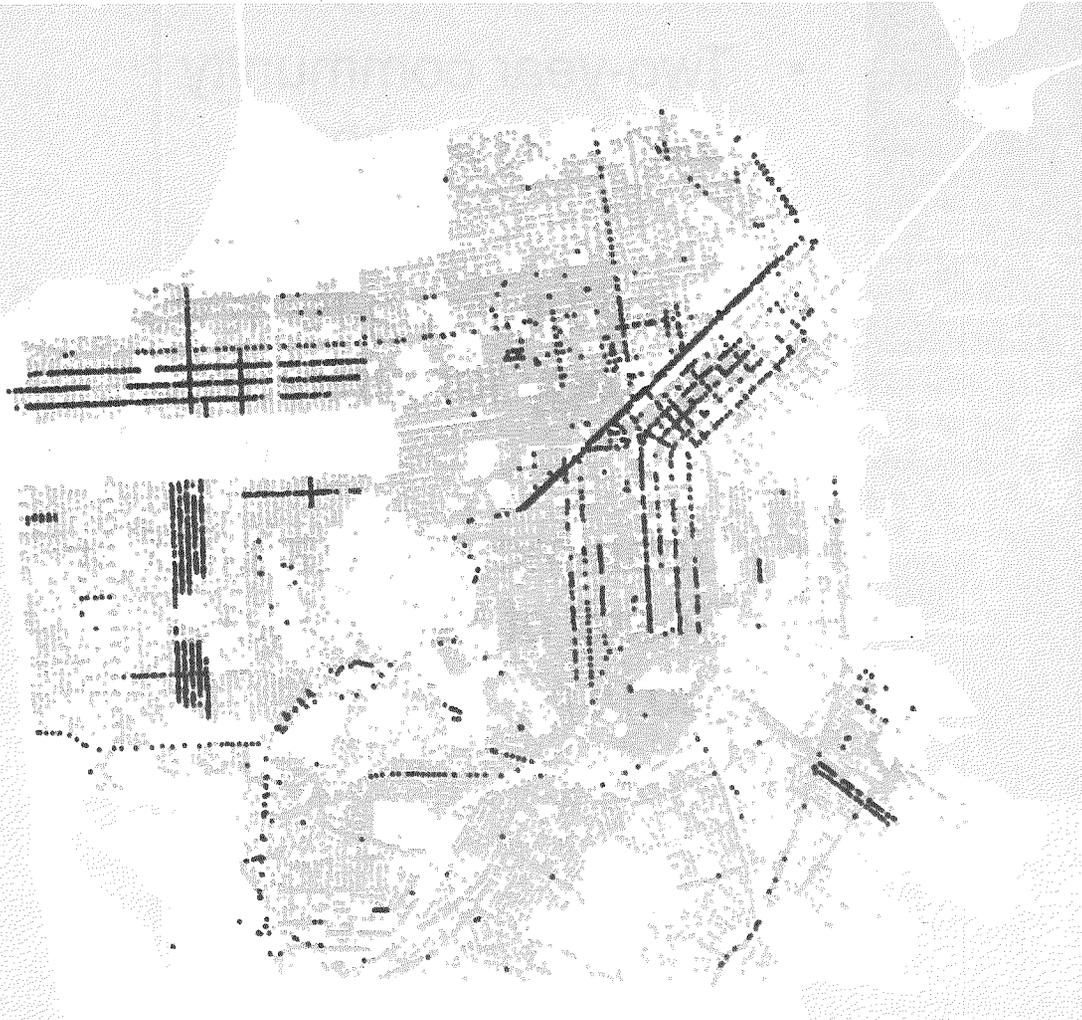


# URBAN FOREST PLAN



- Two-year community planning process
- Provides long-term vision & strategy for street trees
- Unanimously adopted by Board of Supervisors (2015)

# A MUNICIPAL PROGRAM

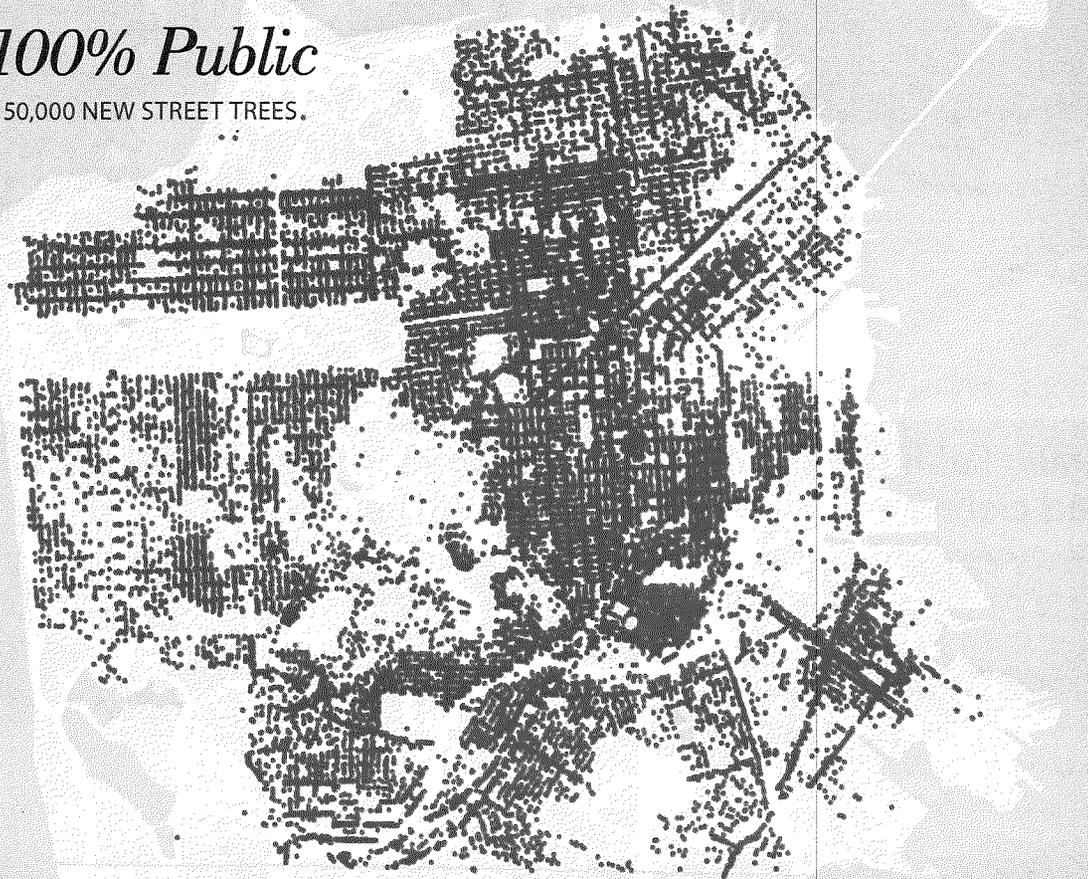


- Public Works would maintain 100% of San Francisco's 110,000 street trees
  - ✓ Regular pruning
  - ✓ Sidewalk repairs
  - ✓ Routine inspections
- Maintain additional 50,000 new street trees over 20 years

# A MUNICIPAL PROGRAM

*100% Public*

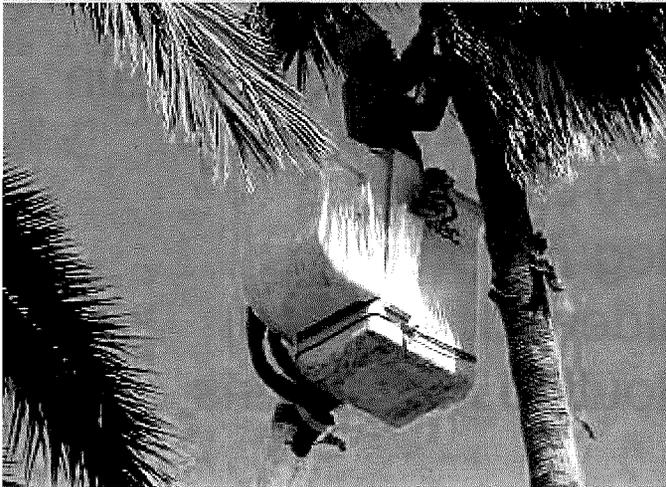
+ 50,000 NEW STREET TREES.



- Public Works would maintain 100% of San Francisco's 110,000 street trees
  - ✓ Regular pruning
  - ✓ Sidewalk repairs
  - ✓ Routine inspections
- Maintain additional 50,000 new street trees over 20 years

# PROGRAM ELEMENTS

**Maintenance for all street trees  
(3-to-5-year avg pruning cycle)**



**Street tree-related sidewalk  
repair**



**Maintenance for up to 50,000  
new street trees**



**Annual inspections by certified  
arborists**



**City assumes liability for  
tree related claims**



**Funding for tree maintenance  
at SFUSD schools**



# COSTS & FUNDING

AECOM

## FINANCING SAN FRANCISCO'S URBAN FOREST



THE BENEFITS + COSTS OF A  
COMPREHENSIVE MUNICIPAL STREET TREE  
PROGRAM

December 2013

PREPARED FOR:



SAN FRANCISCO  
PLANNING DEPARTMENT

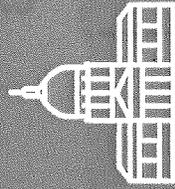
- Stable long-term funding for maintenance
- Annual program cost: **\$19M**
- Recommend parcel tax based on street frontage

# WORKING GROUP FEEDBACK

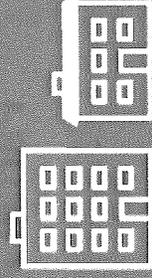
1. Cost burden should **NOT** be the sole responsibility of property owners
2. A City financial contribution is **necessary** for the group to support a revenue measure

# Sustainable Urban Forest Fund (\$19M)

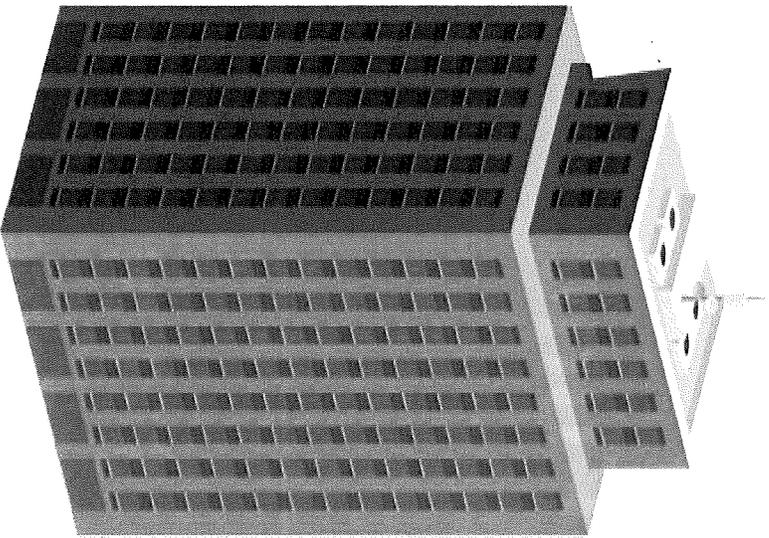
**\$8 Million**  
City Contribution



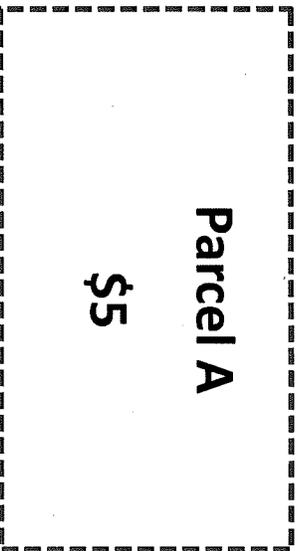
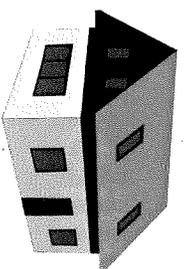
**\$11 Million**  
Parcel Tax



# TYPICAL PARCEL TAX



Parcel Tax = \$5



Parcel A

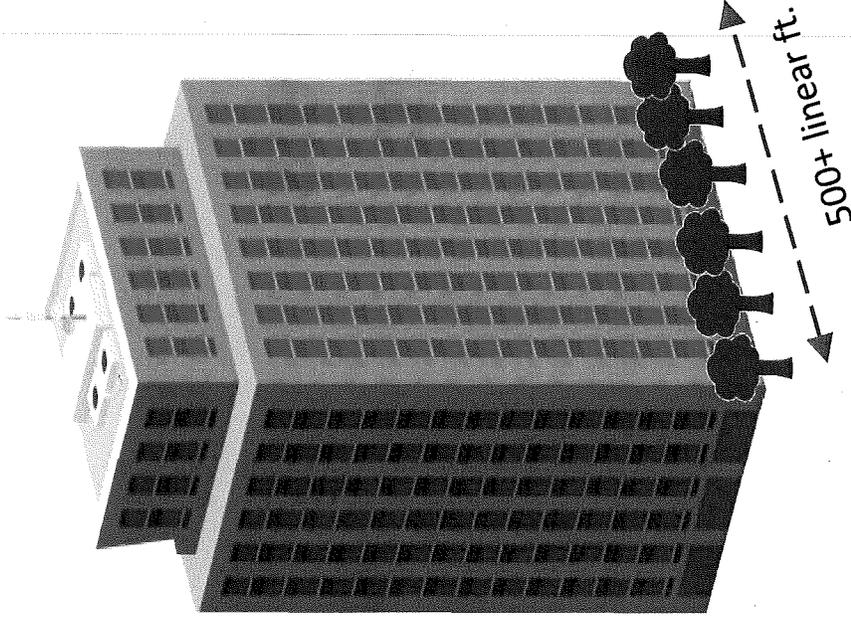
\$5



Parcel B

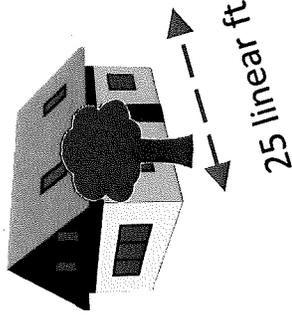
\$5

# PROPOSED PARCEL TAX



**more street frontage**

**(\$\$\$)**



**less street frontage**

**(\$)**

# PARCEL TAX

Annual Fee Based on Linear Frontage

**77% of parcels  
pay less than:**

**\$50**

# PARCEL TAX

Typical Residential Lot



25 ft

**\$35.50**

# PARCEL TAX

**For Street Tree & Sidewalk Maintenance  
Based on Linear Frontage**

						PROPOSAL	
Parcel Type	Frontage (linear feet)	Taxable Parcels	% of Total Parcels	Average Parcel Frontage	Total Parcel Tax Revenue	Linear Foot Rate	Avg Parcel Rate*
Very small, water lots & condos	0 – 24	55,464	19%	17	\$ 1,632,083	<b>Set</b>	<b>\$29.50</b>
Small	25 -35	77,658	58%	26	\$ 2,880,172	<b>\$1.42</b>	<b>\$37</b>
Medium	36 -149	28,705	21%	78	\$ 3,169,892	<b>\$1.42</b>	<b>\$110</b>
Large	150 – 500	4,566	2%	217	\$ 1,984,435	<b>\$2.00</b>	<b>\$435</b>
Ultra-large	> 500	607	0.3%	1,002	\$ 1,217,401	<b>\$2.00</b>	<b>\$2,004</b>
<b>TOTAL</b>		<b>167,000</b>			<b>\$ 10,883,983</b>		

*\* Parcels will be assessed based on actual parcel's linear frontage*

# PROPERTY OWNER COSTS TODAY



**Sidewalk Repair**

**\$2,700 - \$3,500**



**Pruning**

**\$300 - \$1,000+**



**Tree Liability**

**Cost Varies**

# BENEFITS

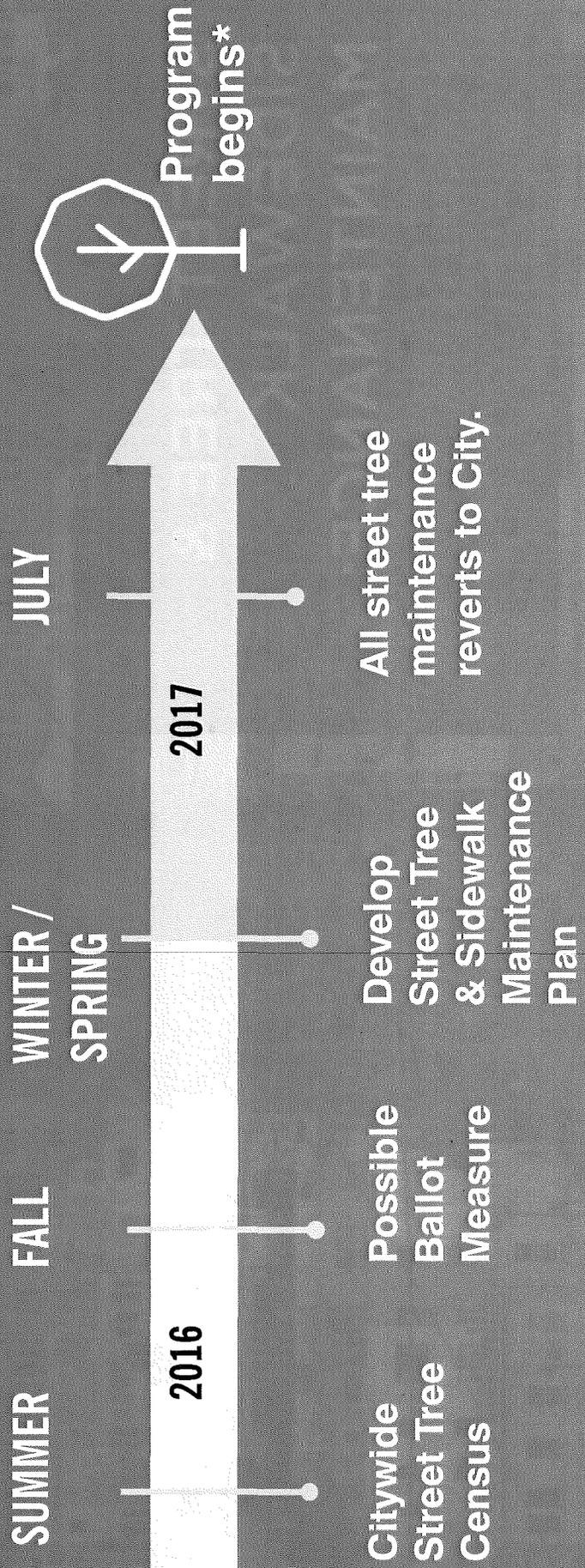
## Property Owners:

- Reduced costs associated with street trees
- No longer have to maintain street tree(s) fronting property
- No liability for trip and fall
- No fines for improper pruning
- Don't have to pay for tree-related sidewalk repairs

## Urban Forest:

- Maintenance for up to 110,000 existing street trees
- Growth of forest up to 50,000 new street trees
- Greener and healthier tree canopy (Schools & Streets)
- Greater public benefits: *public health, air quality, stormwater runoff, carbon sequestration.*

# PROGRAM TIMELINE



\* Annual Program Audits



**STREET TREE &  
SIDEWALK  
MAINTENANCE:  
SOLUTIONS**