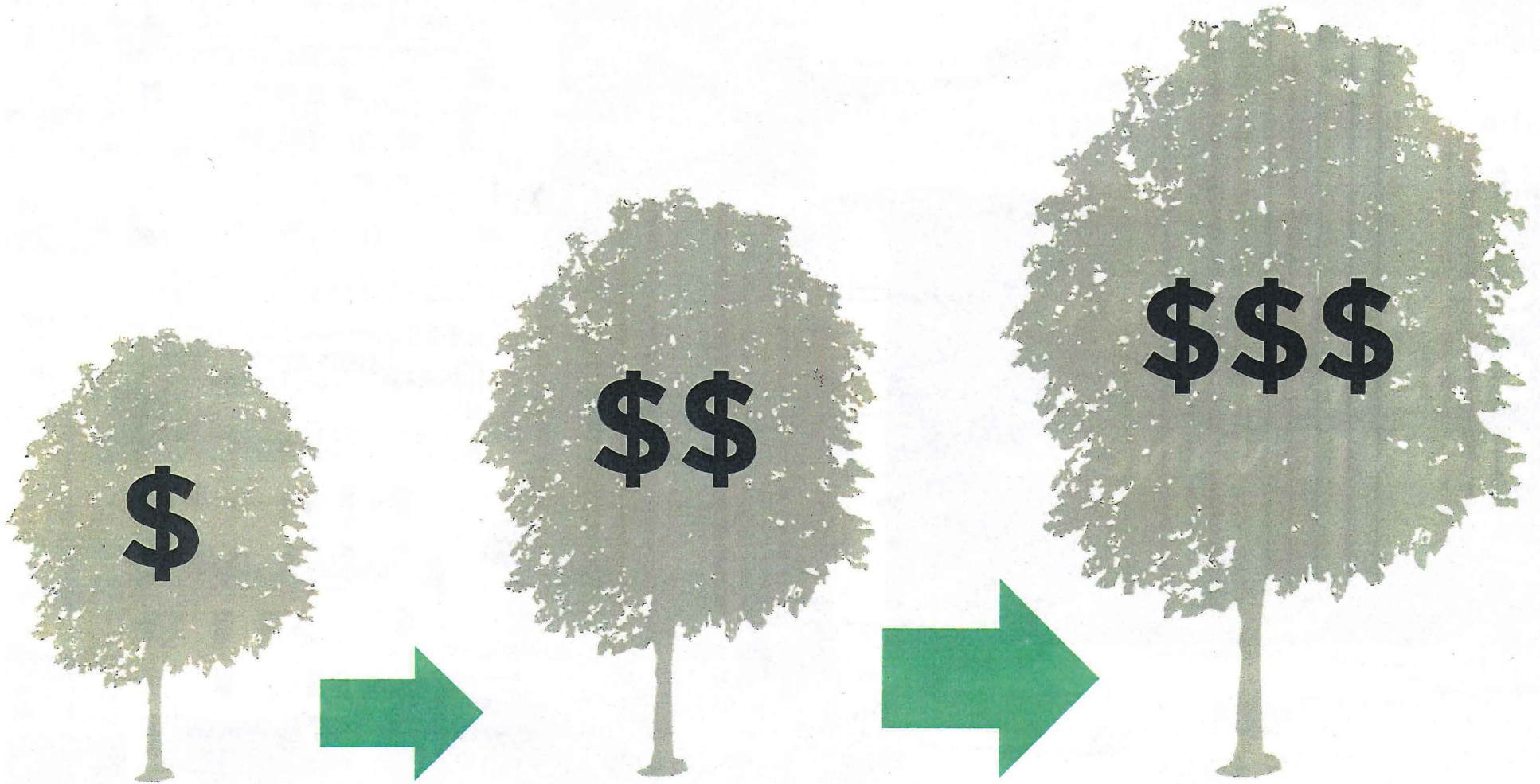


An aerial photograph of a city street, likely in San Francisco, showing a row of colorful, multi-story buildings on either side of a road lined with trees. The street is viewed from an elevated perspective, looking down the road. The buildings are in various colors, including yellow, blue, and white. The trees are green and appear to be well-maintained. The sky is clear and blue. A black rectangular box is overlaid on the left side of the image, containing white and green text.

**STREET TREE &
SIDEWALK
MAINTENANCE:
SOLUTIONS**

CAPITAL ASSET



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

URBAN FOREST TODAY



Canopy decline



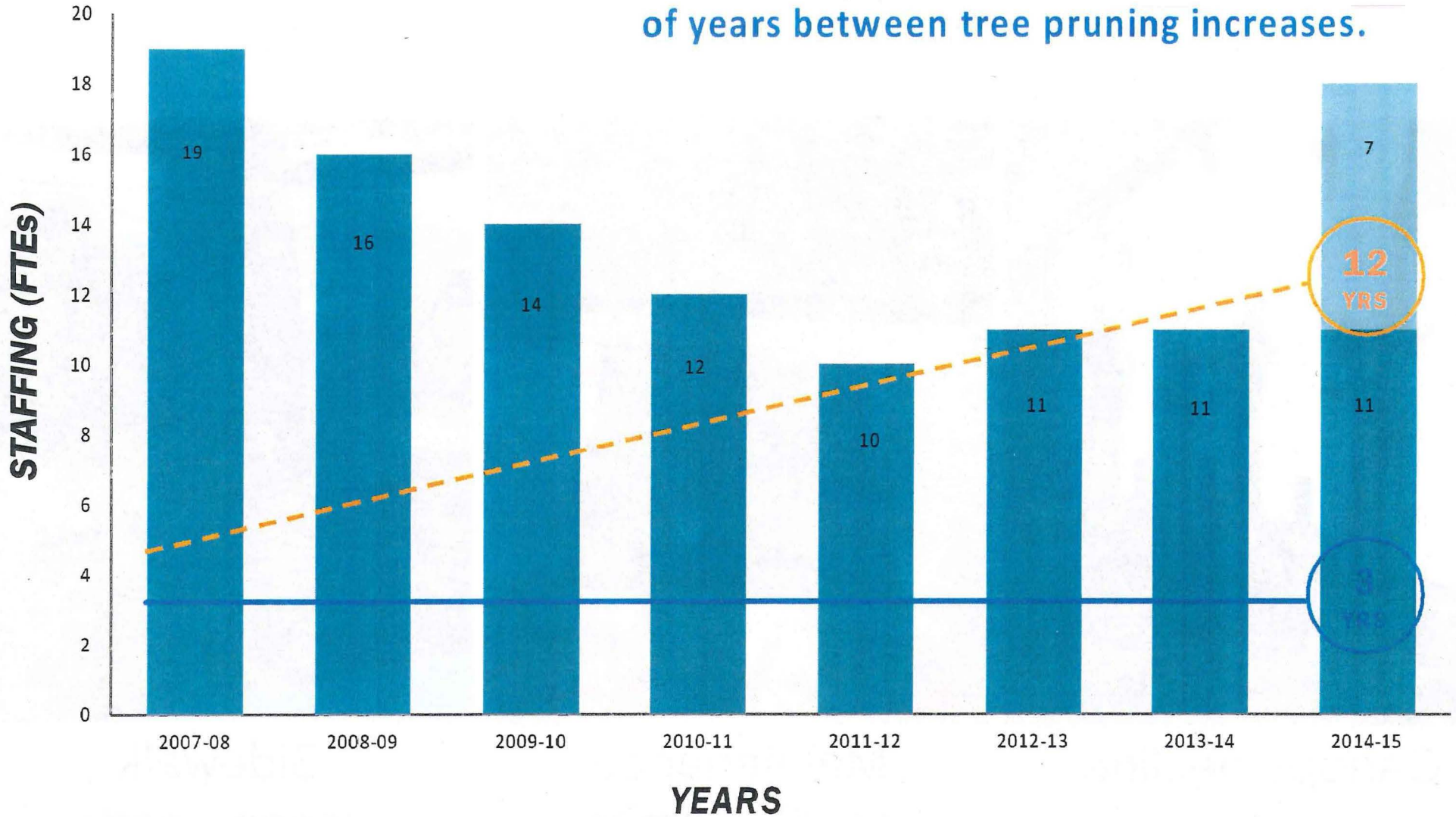
Maintenance
funding limits
planting



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

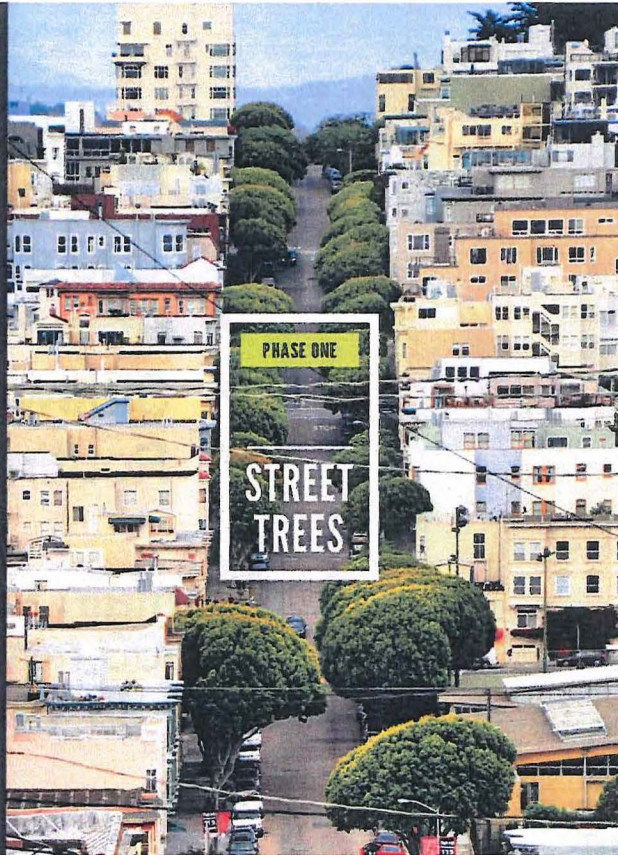
CHALLENGES OF TRANSFER

- 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

SAN FRANCISCO
**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

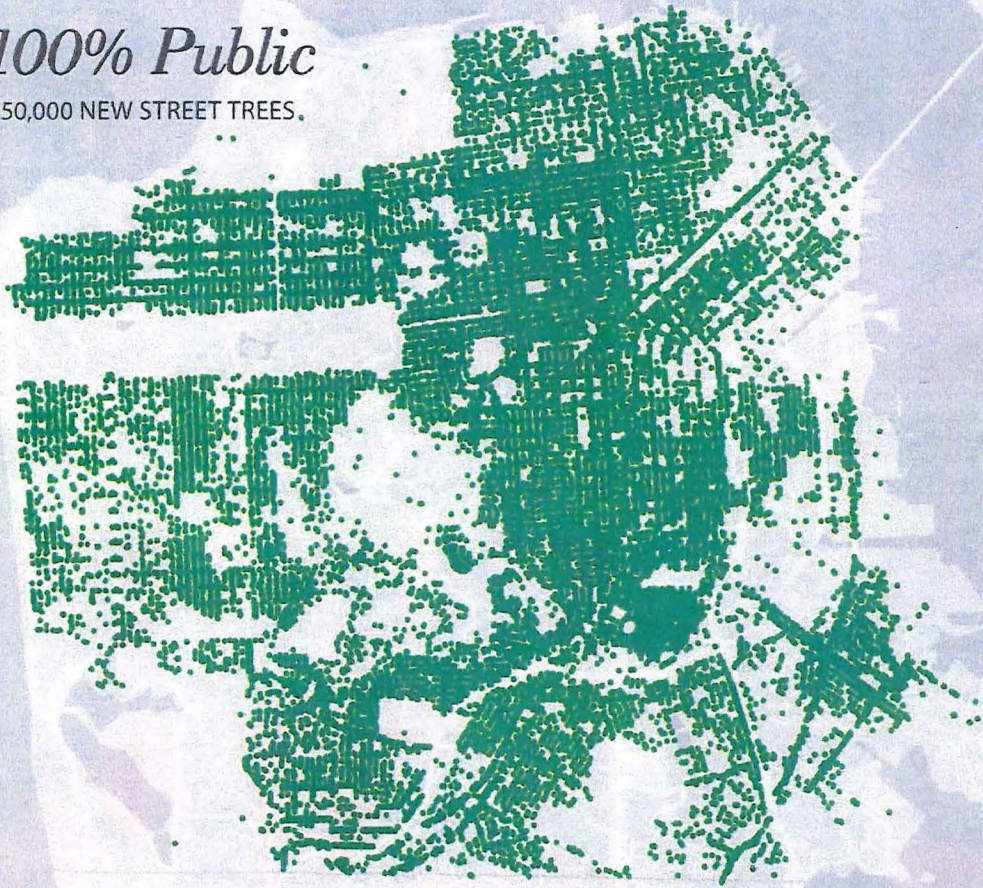


- Public Works would maintain 100% of San Francisco's 105,000 street trees
 - ✓ Regular pruning
 - ✓ Sidewalk repairs
 - ✓ Routine inspections
- Maintain additional 50,000 new street trees over 20 years

A MUNICIPAL PROGRAM

100% Public

+ 50,000 NEW STREET TREES.



- Public Works would maintain 100% of San Francisco's 105,000 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)

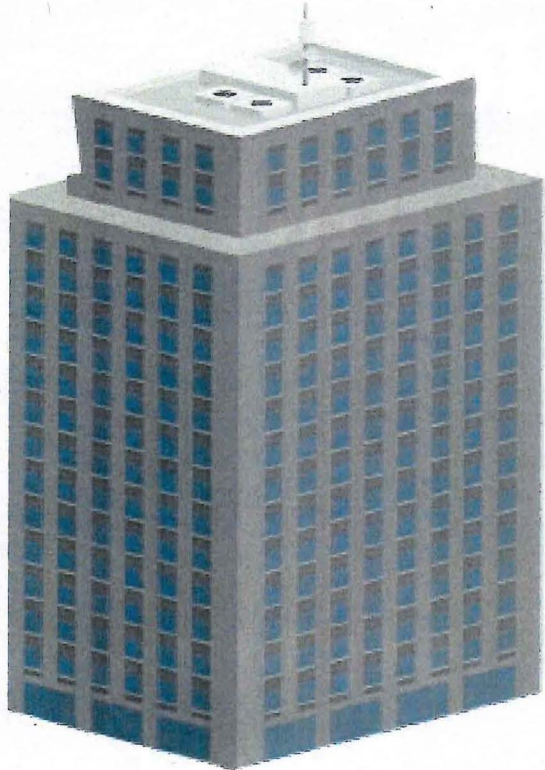
\$8 Million
City Contribution



\$11 Million
Parcel Tax



TYPICAL PARCEL TAX



Parcel Tax = \$5



Parcel A

\$5

Parcel B

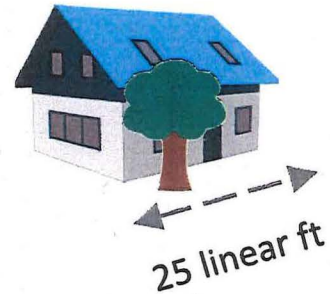
\$5

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

•\$36.75

• 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	Set	\$29.50
Small	25 -35	77,658	58%	26	\$ 2,880,172	\$1.47	\$37
Medium	36 -149	28,705	21%	78	\$ 3,169,892	\$1.47	\$110
Large	150 – 500	4,566	2%	217	\$ 1,984,435	\$2.00	\$435
Ultra-large	> 500	607	0.3%	1,002	\$ 1,217,401	\$2.00	\$2,004
TOTAL		167,000			\$ 10,883,983		

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

PROPERTY OWNER COSTS TODAY



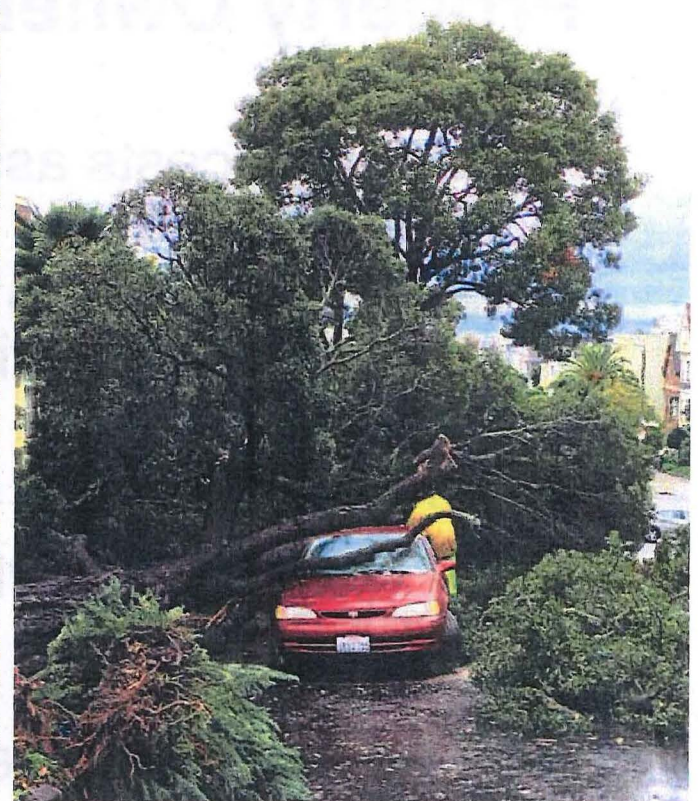
Sidewalk Repair

\$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

SUMMER

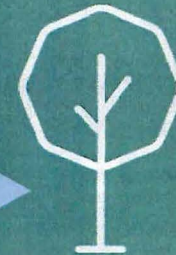
FALL

WINTER /
SPRING

JULY

2016

2017



Program
begins*

Citywide
Street Tree
Census

Possible
Ballot
Measure

Develop
Street Tree
& Sidewalk
Maintenance
Plan

All street tree
maintenance
reverts to City.

* Annual Program Audits

An aerial photograph of a city street, likely in San Francisco, showing a row of colorful, multi-story buildings on either side. The street is lined with large, rounded trees. A black rectangular box is overlaid on the left side of the image, containing white and green text. The text reads "STREET TREE & SIDEWALK MAINTENANCE: SOLUTIONS".

**STREET TREE &
SIDEWALK
MAINTENANCE:
SOLUTIONS**