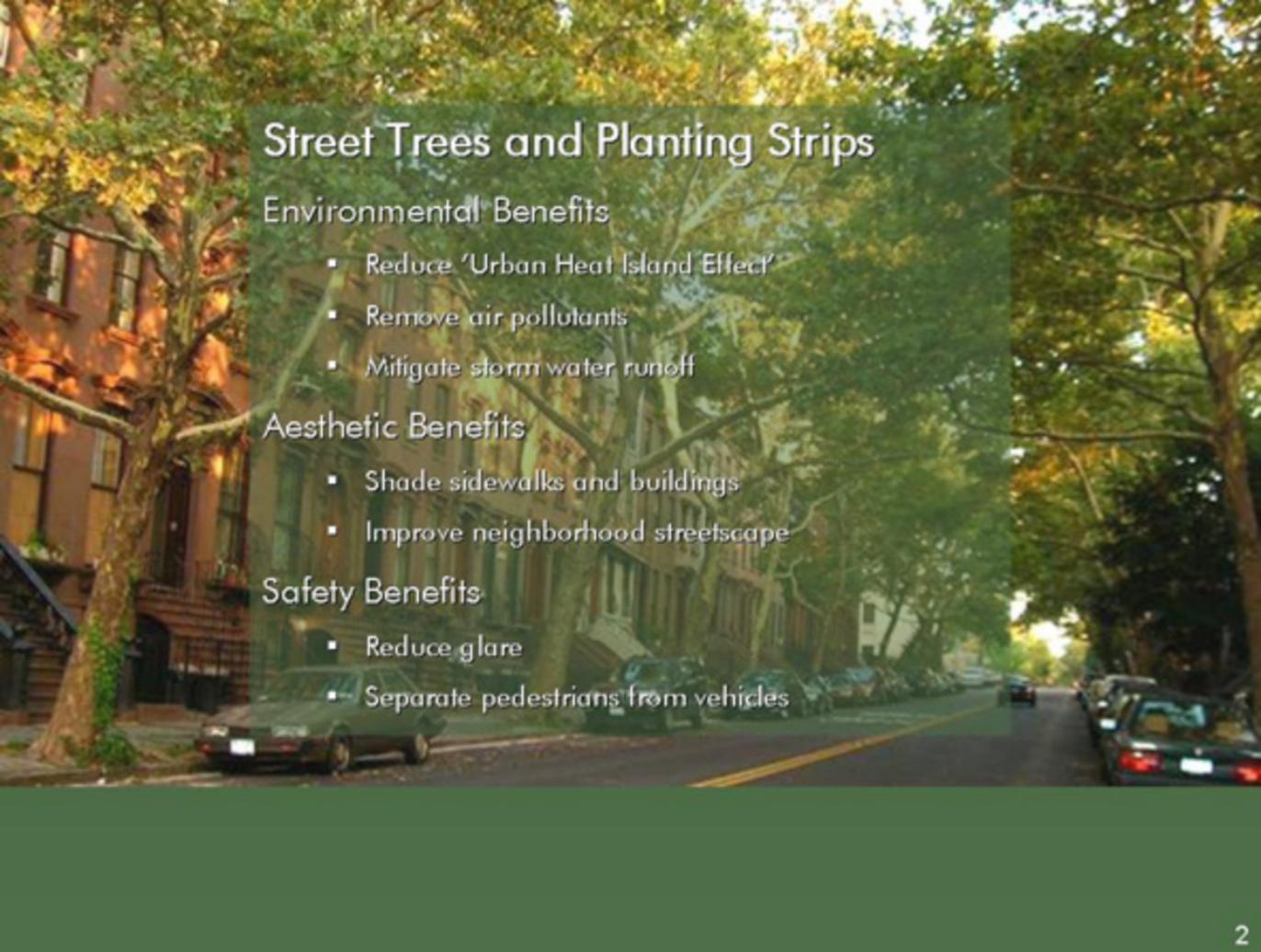




ZONING REQUIREMENTS FOR
STREET TREES & SIDEWALK
PLANTING STRIPS





Street Trees and Planting Strips

Environmental Benefits

- Reduce 'Urban Heat Island Effect'
- Remove air pollutants
- Mitigate storm water runoff

Aesthetic Benefits

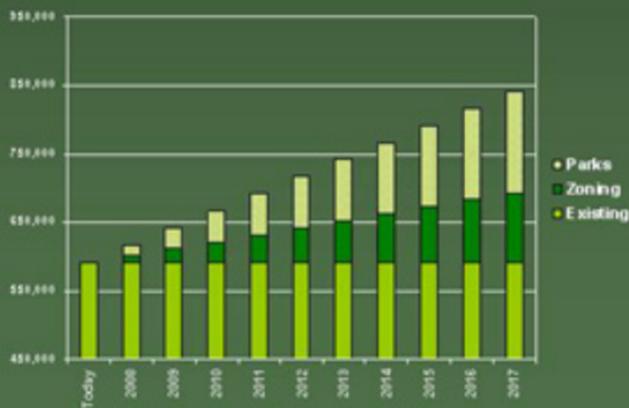
- Shade sidewalks and buildings
- Improve neighborhood streetscape

Safety Benefits

- Reduce glare
- Separate pedestrians from vehicles

PlaNYC GOALS

- Plant 15,000 street trees a year
- Plant one million trees by 2017
- Reforest 2,000 acres of parkland



Our Proposal:

- 10,000 street trees required per year; that's 100,000 by 2017.

Street Trees today:

- Street trees are 75% stocked today; 212,000 street trees needed.
- NYC has 590,000 street trees; 90% are in good or excellent condition.



TODAY

Street Trees & Sidewalk Planting Strips

Street trees are property of the Department of Parks and Recreation (DPR).

Sidewalk construction is permitted by Department of Transportation (DOT).

DPR, DOB and DOT approve street tree planting.

DOT sidewalk minimum: 5 feet wide.

STREET TREES TODAY

Current Zoning Regulations

Today, street trees are generally not required by Zoning.

Zoning does require street tree planting:

- Quality Housing development.
- Lower Density Growth Management areas.
- Seventeen special districts.

TODAY

No Trees Required



PROPOSED ZONING TEXT:

Street Trees Required

Street Trees in Tree Pits - or - Street Trees in Planted Strips

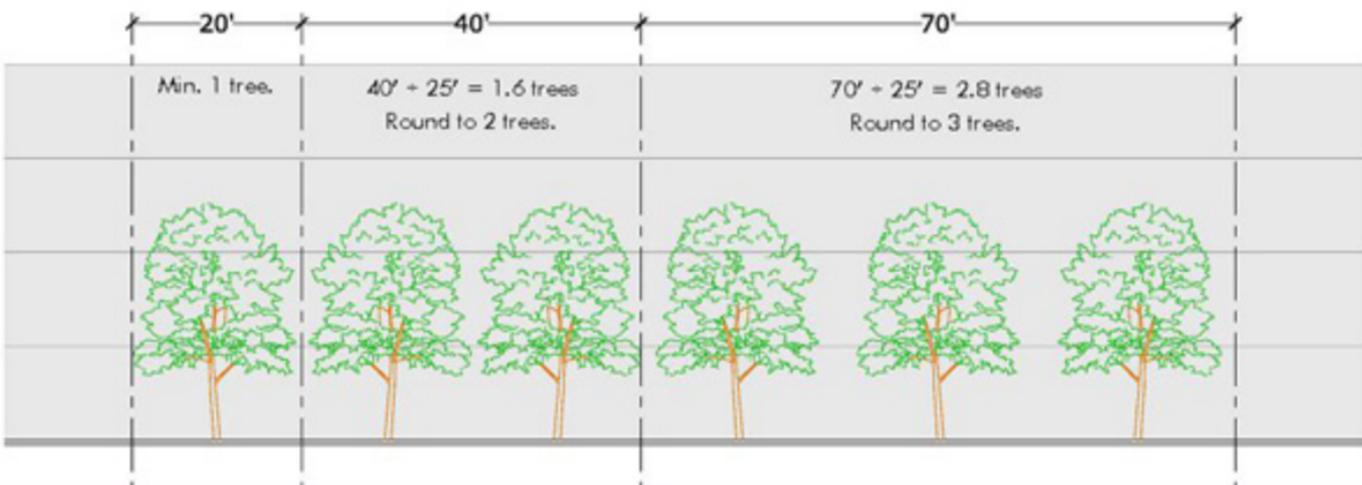


ZONING PROPOSAL: Required Trees

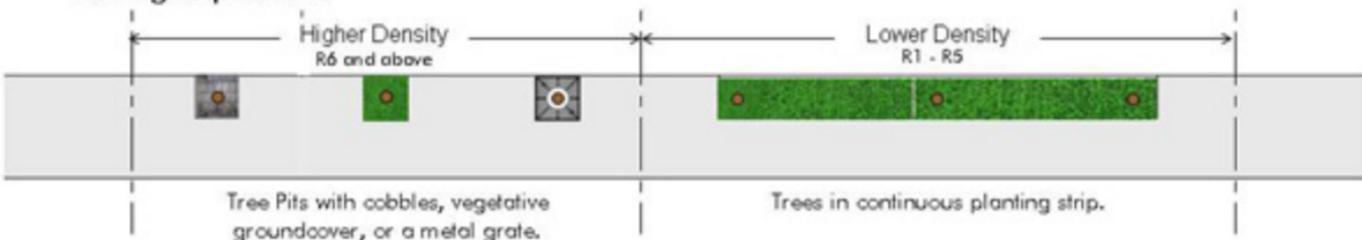
Street Tree Requirement based on Lot Frontage [All Districts]

One tree planted for every 25 feet of street frontage; minimum requirement of one street tree.

Tree spacing would be flexible to allow for maximum street trees.



Planting Requirements



ZONING PROPOSAL: Planting Design

DPR Standards

Cobble tree pit



Planted tree pit



Grate over tree pit



Planted strip



ZONING PROPOSAL

Requirements by District



HIGHER DENSITY RESIDENTIAL DISTRICTS (R6 +) COMMERCIAL & MANUFACTURING DISTRICTS

Street trees in tree pits

One street tree for every 25 feet of frontage.

Minimum of one street tree.

Existing street trees count.



LOWER DENSITY RESIDENTIAL DISTRICTS (R1 - R5)

Street trees in planting strips

One street tree for every 25 feet of frontage.

Minimum of one street tree.

Existing street trees count.

Planting strip between curb and sidewalk

ZONING PROPOSAL



TRIGGER

New developments.

Enlargements (20% or more).

Changes of use (20% or more).

- Exception: Use Group 16
automotive and semi-industrial uses
Subtract curb cuts from the street frontage.
- Exempt: Use Groups 17 and 18
light and heavy industrial uses



ZONING PROPOSAL



OFFSITE TREE PLANTING

Planting may be unfeasible due to site constraints.

1. City standards limit trees' proximity to infrastructure.
2. The Landmarks Preservation Commission may find street trees conflict with character of certain historic districts.

Trees must be planted nearby.

Within the Community District or ½ mile.

In a vacant tree pit or city-owned land, selected by DPR.

STREET TREES & PLANTED STRIPS

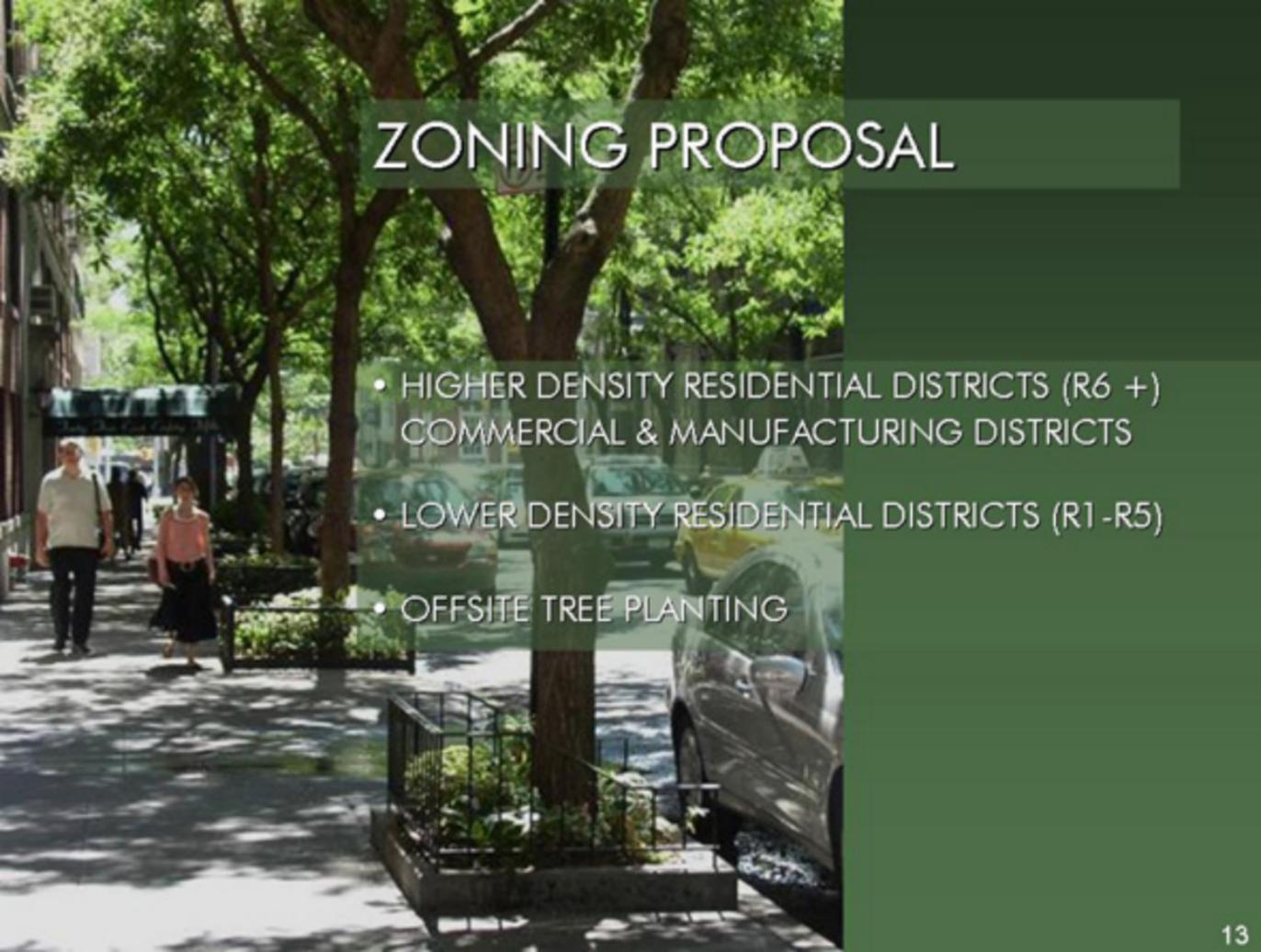
Example images



STREET TREES

Example images





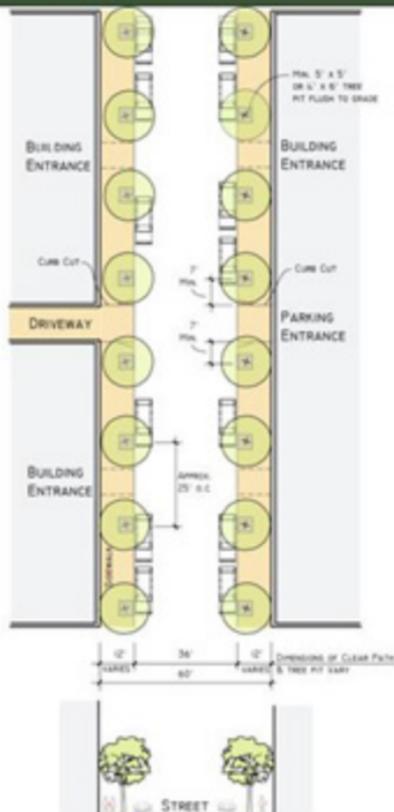
ZONING PROPOSAL

- HIGHER DENSITY RESIDENTIAL DISTRICTS (R6 +)
COMMERCIAL & MANUFACTURING DISTRICTS
- LOWER DENSITY RESIDENTIAL DISTRICTS (R1 -R5)
- OFFSITE TREE PLANTING

HIGHER DENSITY RESIDENTIAL DISTRICTS (R6 +) COMMERCIAL & MANUFACTURING DISTRICTS

Street trees in tree pits

- One street tree per 25 feet of frontage.
- Minimum one street tree.
- Existing street trees count.



Use Group 16: Subtract curb cuts from the street frontage.

Industrial Use Groups 17 and 18 exempt.

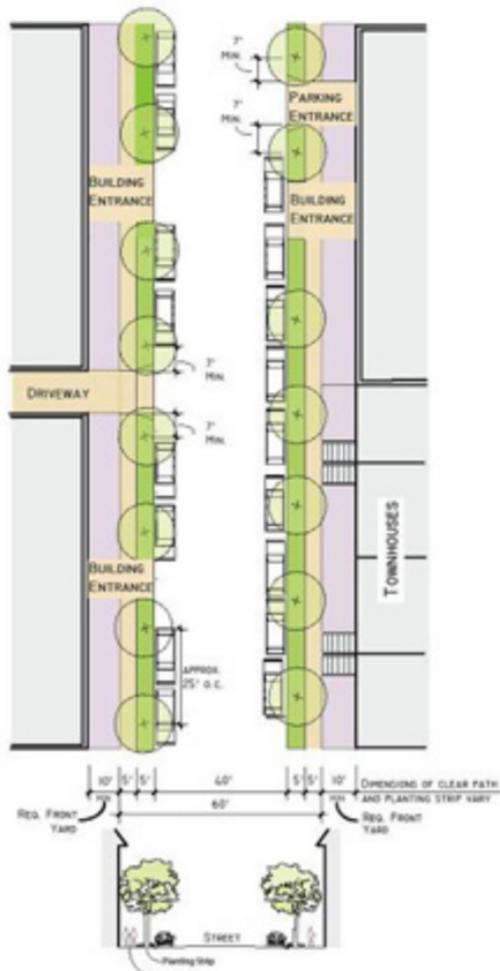
LOWER DENSITY RESIDENTIAL DISTRICTS (R1 - R5)

Street trees in planted strips

- One street tree per 25 feet of frontage.
- Minimum one street tree.
- Existing street trees count.

Planted strip between curb and sidewalk

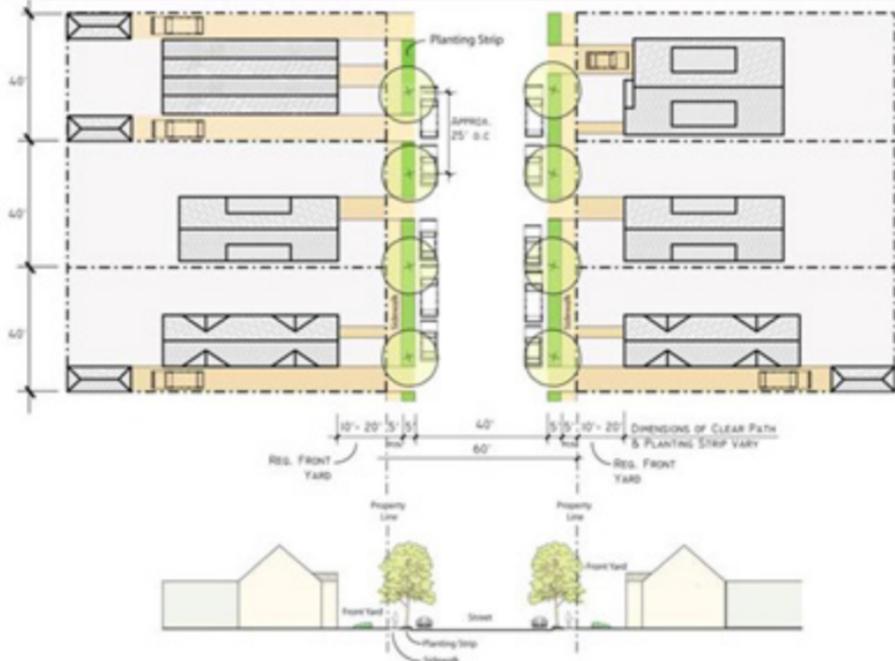
- Driveways, infrastructure may cross.



LOWER DENSITY (R3-2 TO R5) - ATTACHED RESIDENCES & APT. BUILDINGS

NOT TO SCALE

LOWER DENSITY RESIDENTIAL DISTRICTS (R1 - R5)



REQ. STREET TREES & PLANTING STRIPS - LOWER DENSITY/ DETACHED & SEMI-DETACHED (R1 TO R5)

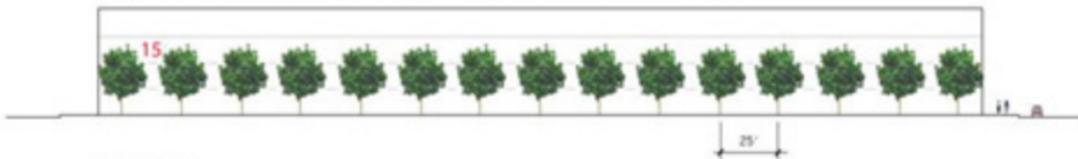
NOT TO SCALE



OFFSITE TREE PLANTING

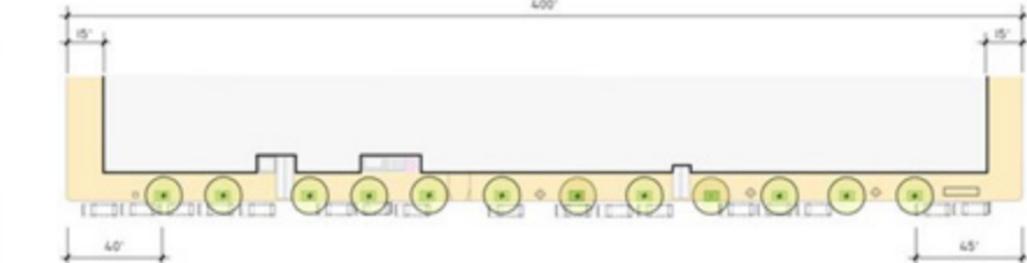
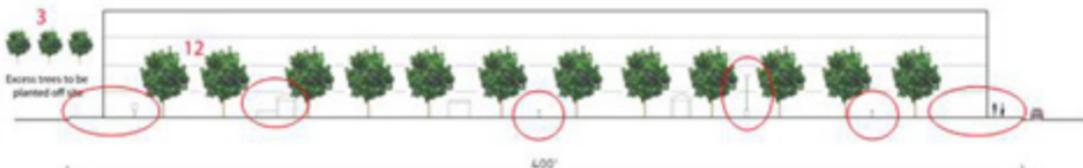
Case Study: East 85th Street

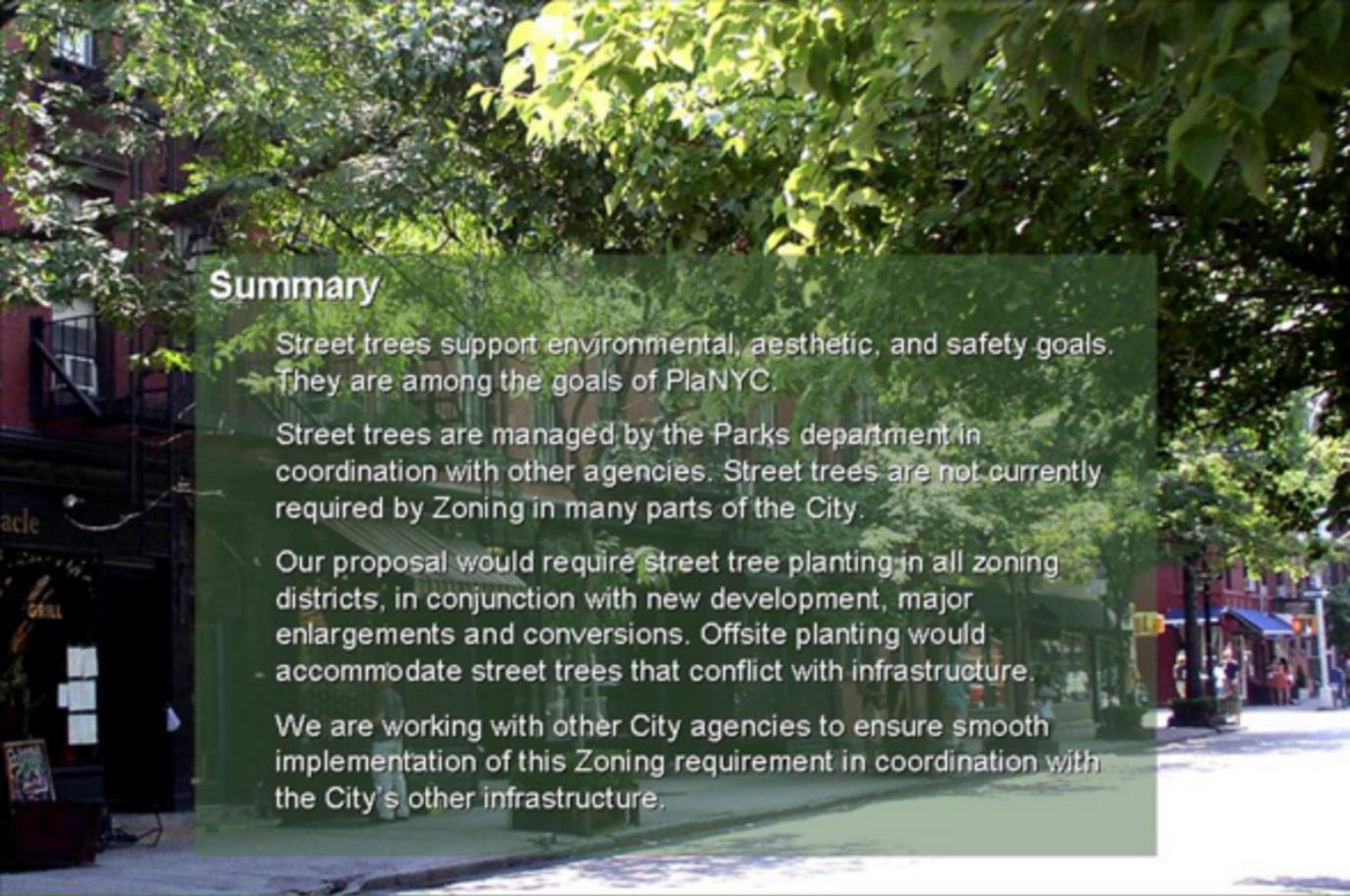
REQUIRED STREET TREES: 1 FOR EVERY 25' OF FRONTAGE - 15 TREES TOTAL



CASE STUDY:

85TH STREET BETWEEN PARK & MADISON AVE. - 3 TREES CONFLICT WITH INFRASTRUCTURE OR MIN. CLEARANCES





Summary

Street trees support environmental, aesthetic, and safety goals. They are among the goals of PlaNYC.

Street trees are managed by the Parks department in coordination with other agencies. Street trees are not currently required by Zoning in many parts of the City.

Our proposal would require street tree planting in all zoning districts, in conjunction with new development, major enlargements and conversions. Offsite planting would accommodate street trees that conflict with infrastructure.

We are working with other City agencies to ensure smooth implementation of this Zoning requirement in coordination with the City's other infrastructure.

