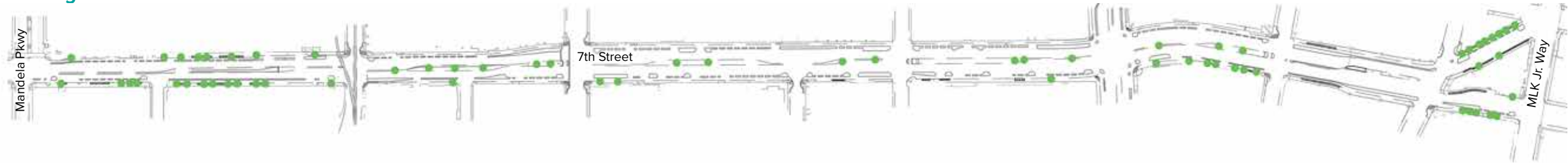
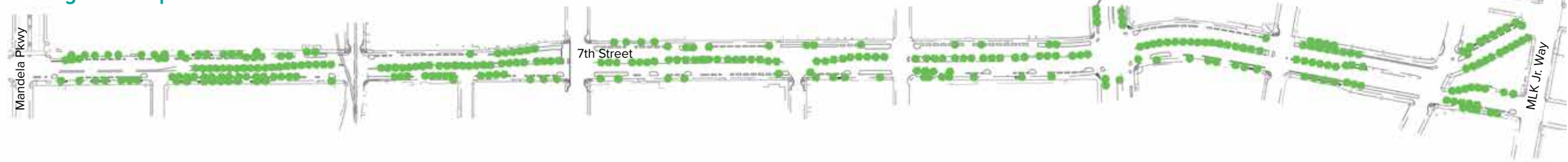


Expanding Greening on 7th Street to Address Air Pollution Exposure

Existing Trees on 7th Street



Existing Plus Proposed Trees on 7th Street



Project tree numbers

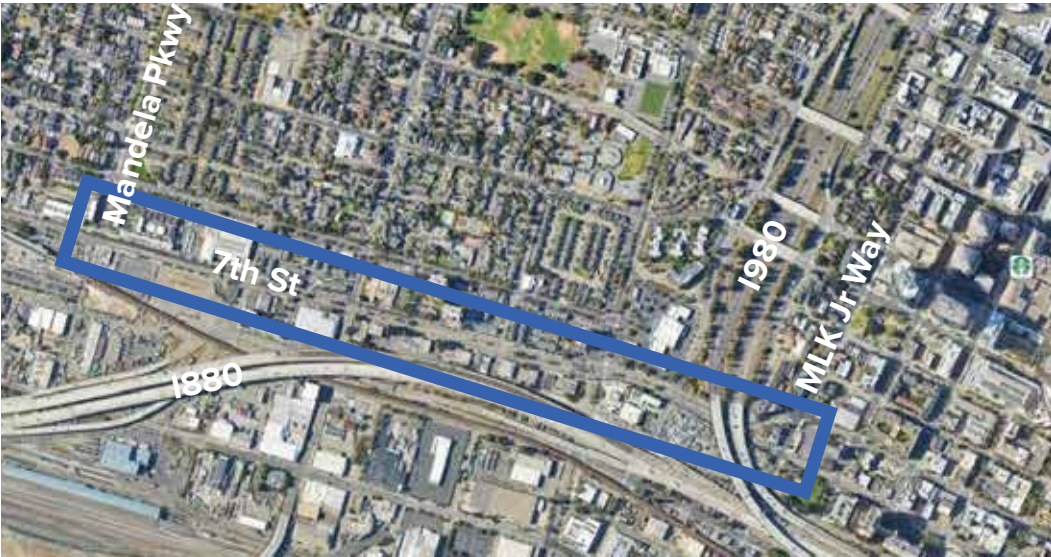
PROPOSED TREE, NEW 221

PROPOSED TREE, REPLACEMENT OF DEAD/ DECLINING 30

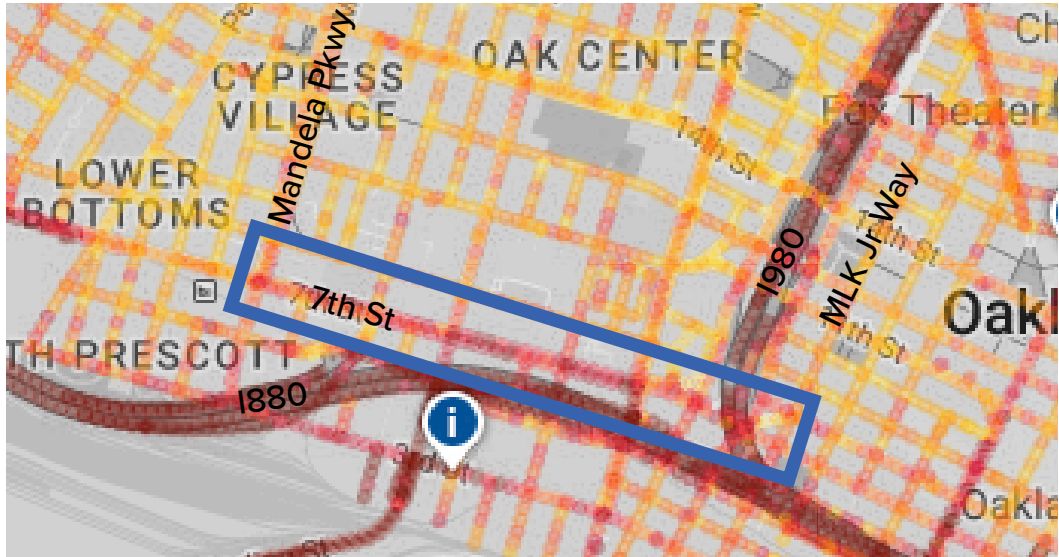
EXISTING TREES 65

2 TREES TO BE REMOVED

- NOTE:
- 1. New street tree plantings will be in alignment with guidance on street tree planting from Oakland Public Works Tree Services Division.
 - 2. The trees shown on these plans are street trees in the public right-of-way and exclude trees on private property.



7th St Project Map



West Oakland Black Carbon Particles Pollution Map

Environmental Defence Fund - How pollution impacts health in West Oakland
<https://www.edf.org/airqualitymaps/oakland/pollution-and-health-concerns-west-oakland>
Air quality data from Google/Aclima; analysis by Apte et al / EDF (2017).

Air pollution disproportionately affects West Oakland residents, given the area's close proximity to the I880 and I980 freeways. This represents a broader environmental justice issue in the Bay Area. Expanding West Oakland's urban tree canopy is one way to provide environmental benefits such as carbon sequestration and a lower urban heat island effect, which also supports Oakland's Urban Forest Plan.

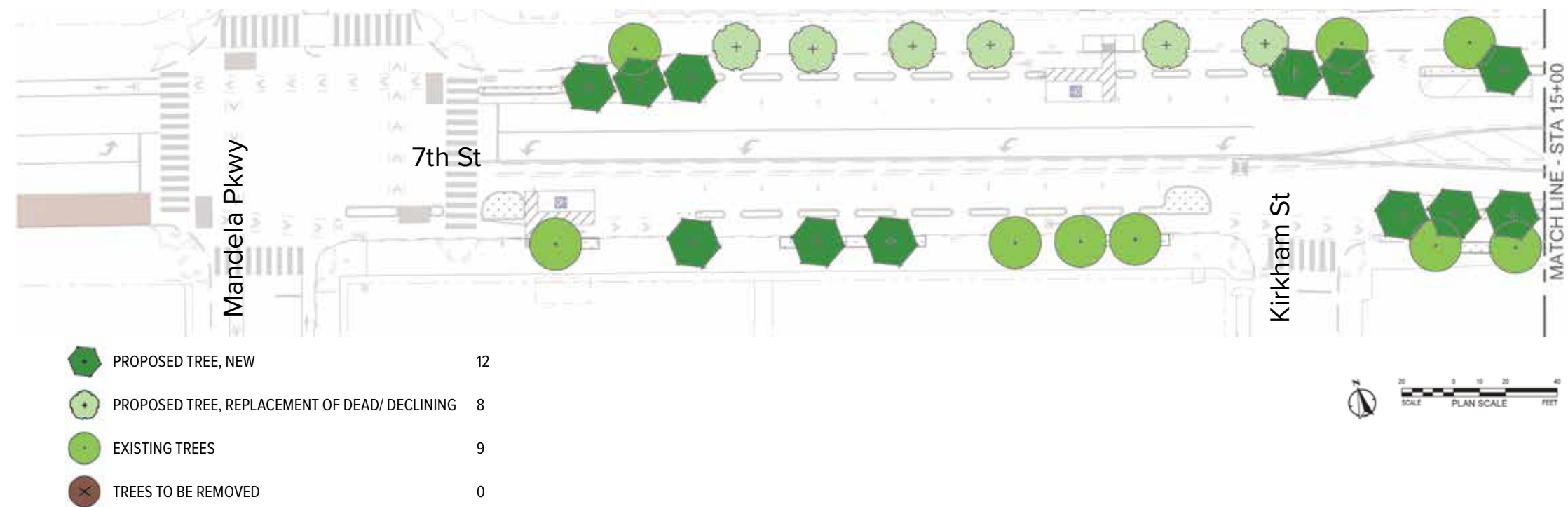
<https://www.oaklandca.gov/projects/oakland-urban-forest-plan>

The West Oakland Environmental Indicators Project has outlined how vegetation can help filter particulate matter and offset negative effects from pollution for residents. One key strategy is to create vegetative borders that act as living filters. This project contributes to that goal by increasing the number of trees on 7th street.

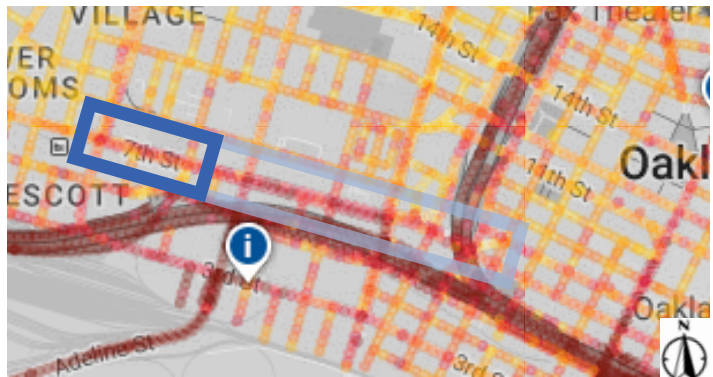
<https://woeip.org/wp-content/uploads/2020/11/WOEIP-research-Owning-Our-Air-summary.pdf>

Expanding Greening on 7th Street to Address Air Pollution Exposure

Existing and Proposed Trees



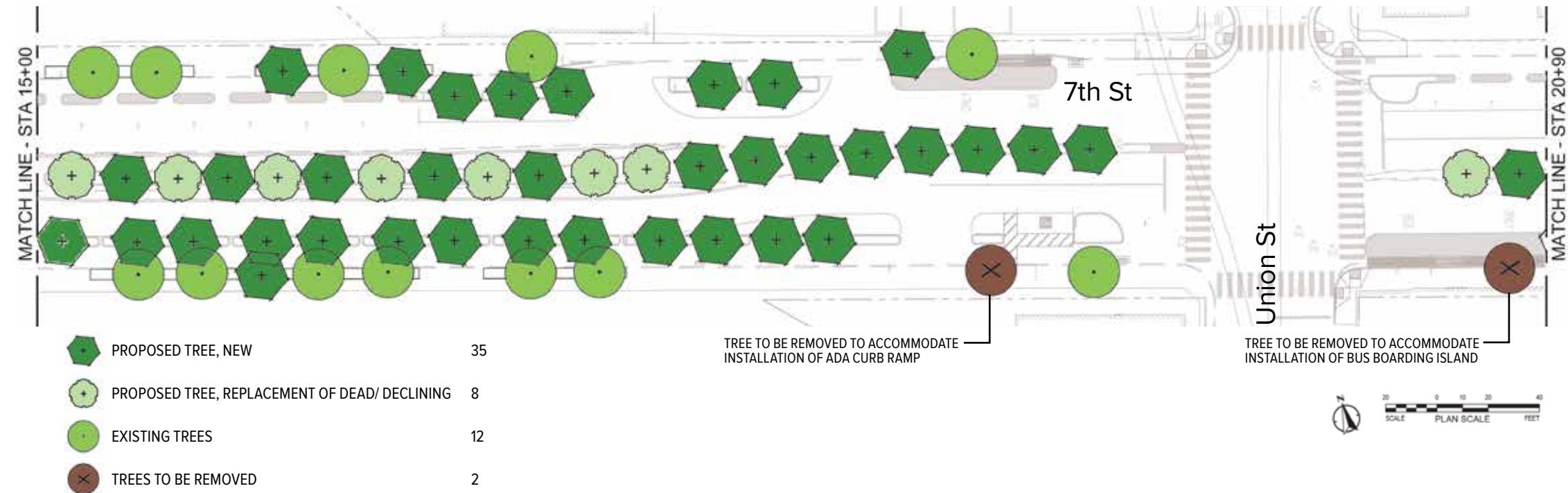
7th St Project Map Key



West Oakland Black Carbon Particles Pollution Map

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Air quality data from Google/Aclima; analysis by Apte et al / EDF (2017).

Existing and Proposed Trees

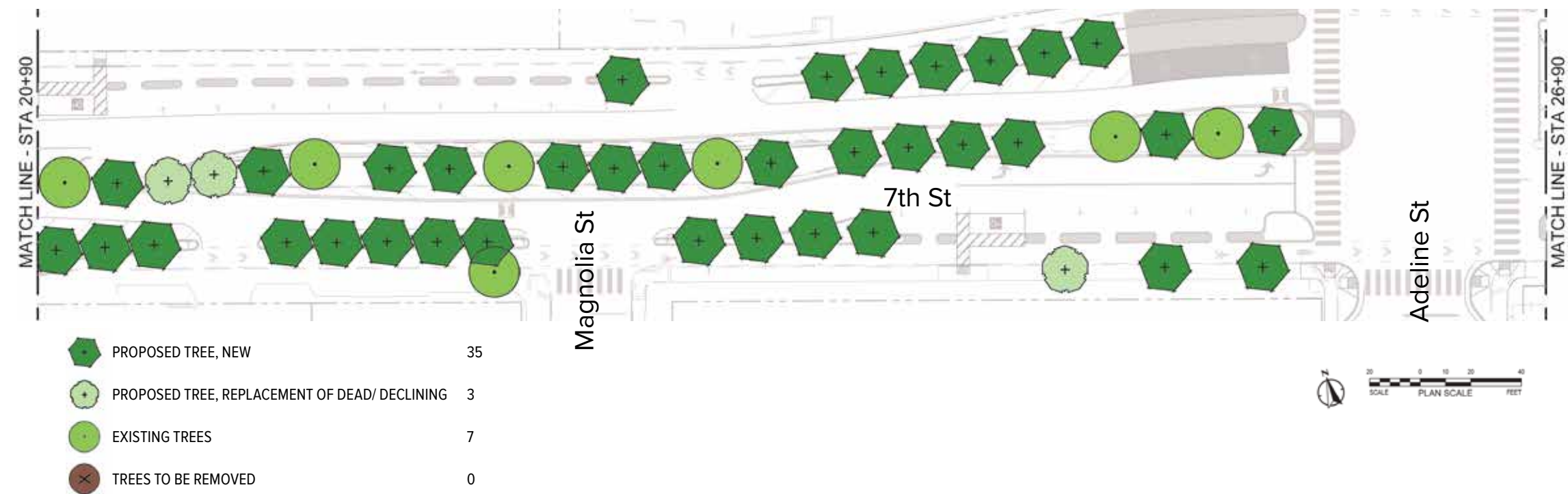


NOTE:

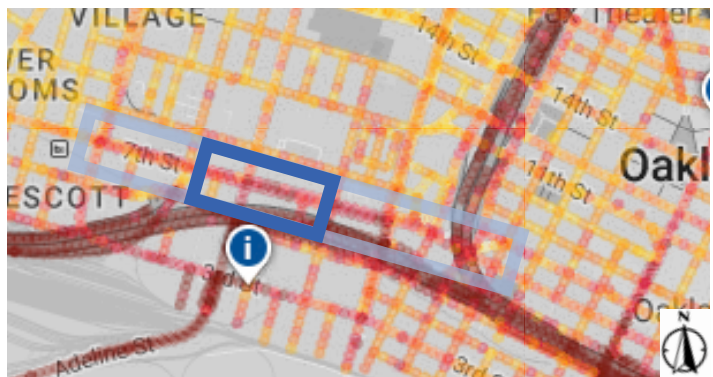
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Expanding Greening on 7th Street to Address Air Pollution Exposure

Existing and Proposed Trees



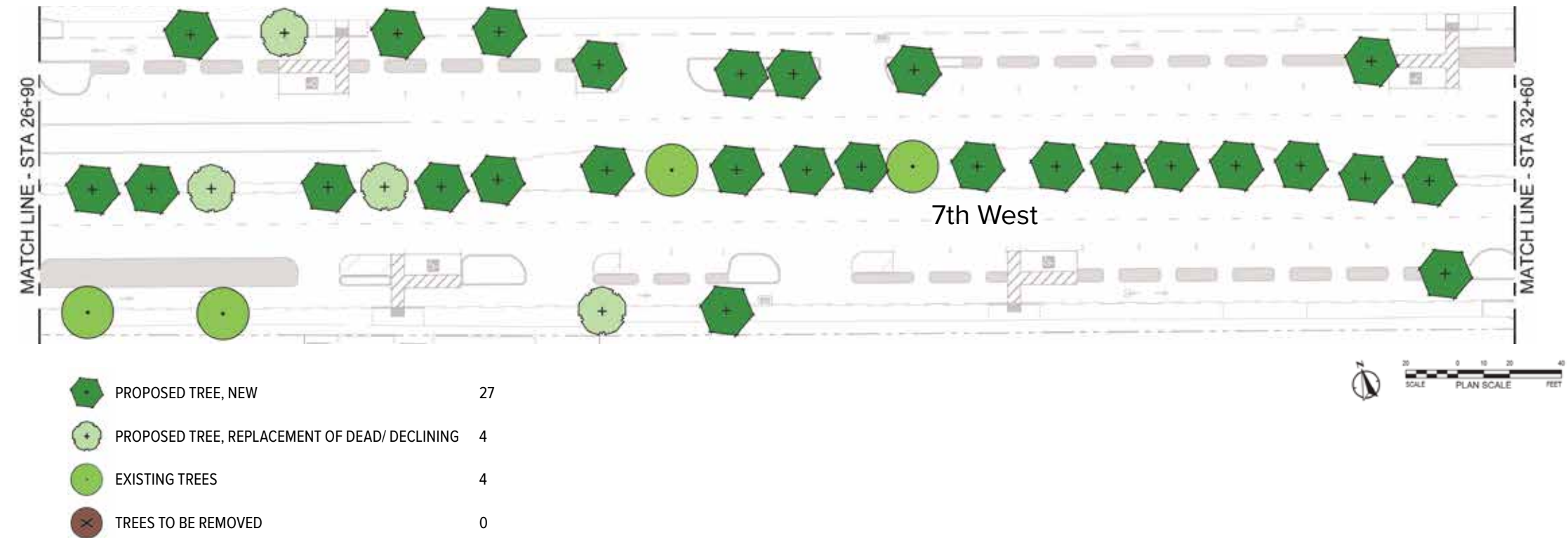
7th St Project Map Key



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Existing and Proposed Trees

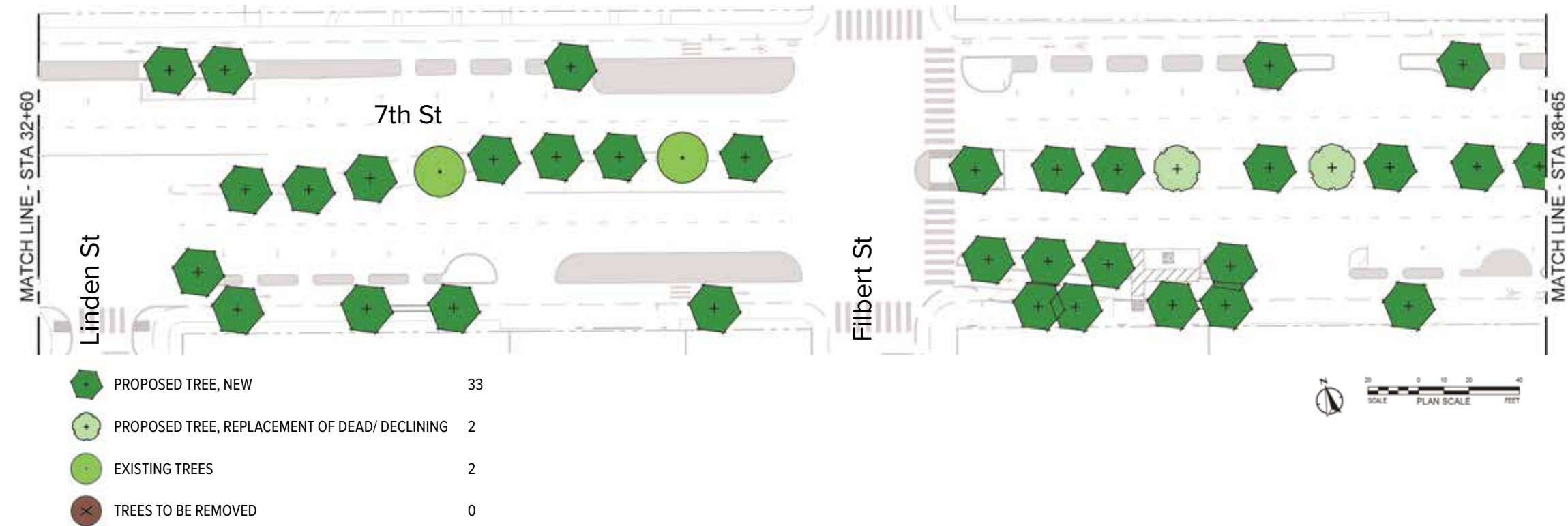


NOTE:

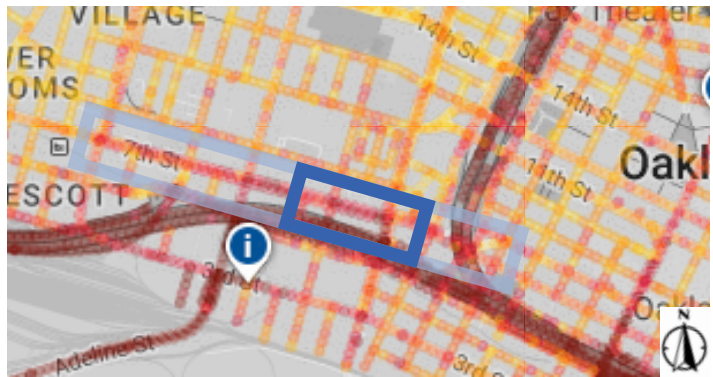
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Expanding Greening on 7th Street to Address Air Pollution Exposure

Existing and Proposed Trees



7th St Project Map Key



West Oakland Black Carbon Particles Pollution Map





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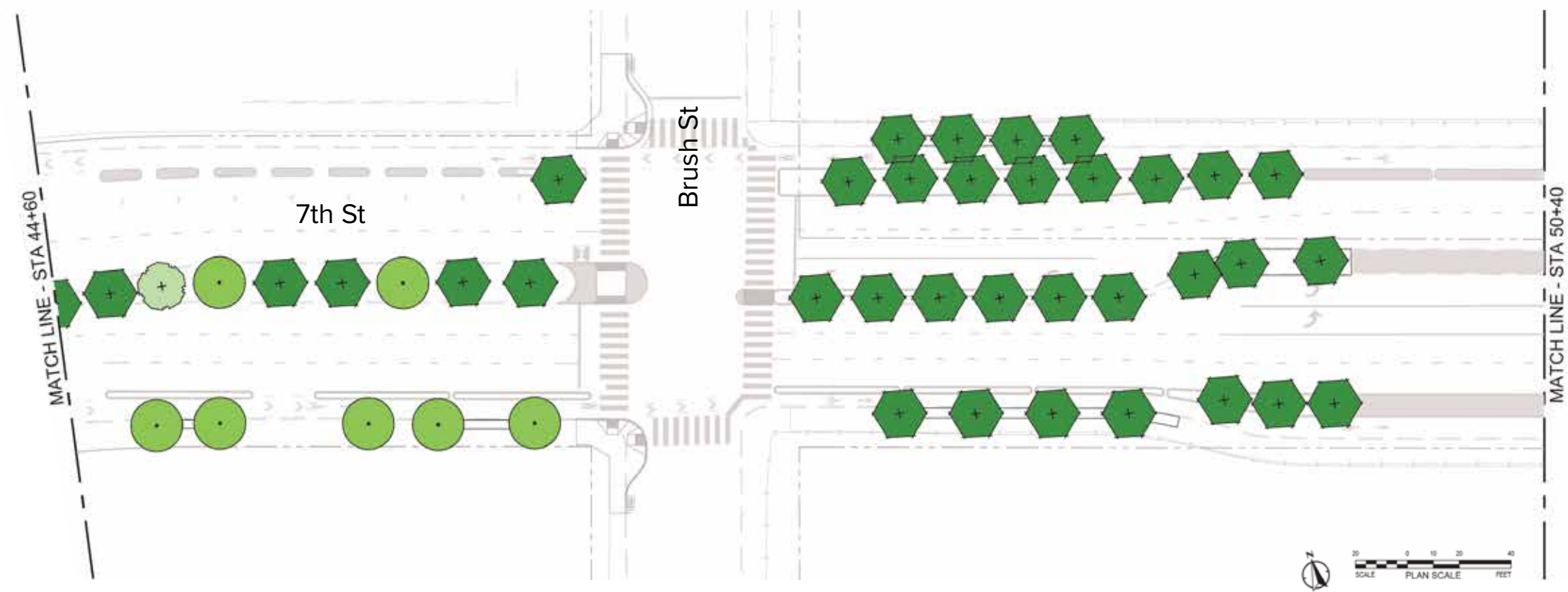
Existing and Proposed Trees



	PROPOSED TREE, NEW	23
	PROPOSED TREE, REPLACEMENT OF DEAD/ DECLINING	4
	EXISTING TREES	7
	TREES TO BE REMOVED	0

Expanding Greening on 7th Street to Address Air Pollution Exposure

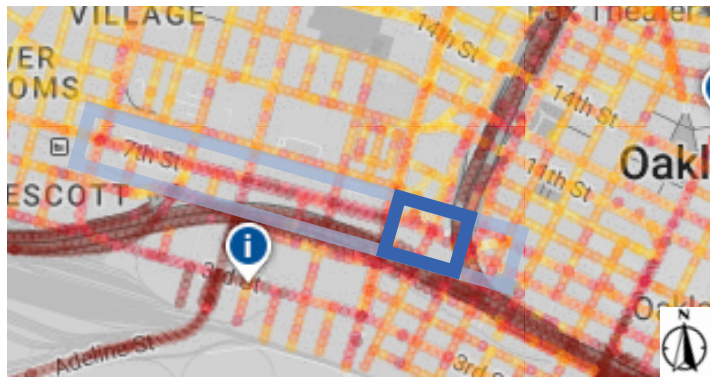
Existing and Proposed Trees



	PROPOSED TREE, NEW	35
	PROPOSED TREE, REPLACEMENT OF DEAD/ DECLINING	1
	EXISTING TREES	8
	TREES TO BE REMOVED	0



7th St Project Map Key



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NOTE:

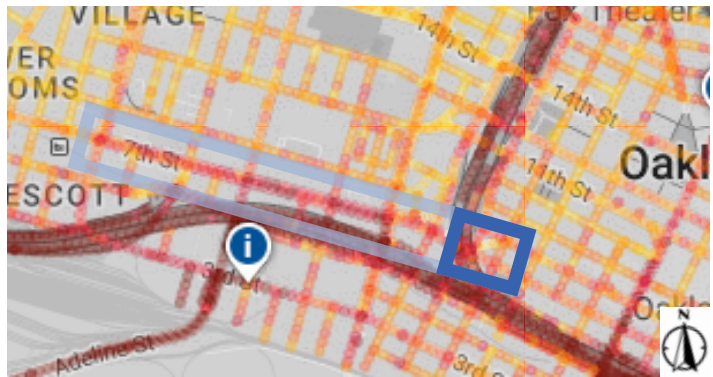
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Expanding Greening on 7th Street to Address Air Pollution Exposure

Existing and Proposed Trees



7th St Project Map Key



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