Right of Way Tree Canopy Cover

Follow-up Report¹ with The 2021 Data

Data

Source

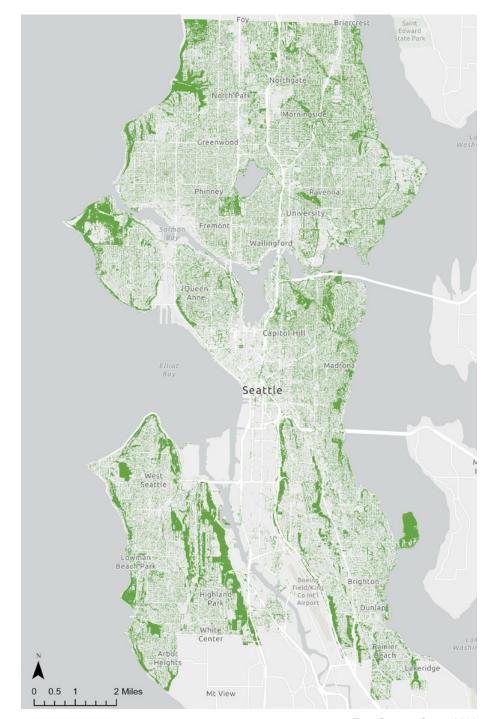
• City of Seattle¹

Consistency & Validity

- Based on the 2021 Tree Canopy Assessment Report², the city had 15,279 acres tree canopy cover in 2016 and 15,024 acres in 2021³.
- Based on the data¹ used in this report, the city had
 15,211 acres tree canopy cover in 2016 and 14,995
 acres in 2021.
- 53,428 acres is used as the city's total area.

	Numbers from 2021 Tree Canopy Assessment Report	Numbers from the data used in this report	
2016 Acres (%)	15,279 (28.60%)	15,211 (28.47%)	
2021 Acres (%)	15,024 (28.12%)	14,995 (28.07%)	

 The variance in numbers above is insignificant within the scope of this report, applying no perceptible impact on the overall findings⁴.





Tree Canopy Cover 2016

Tree Canopy Cover 2021

[.] https://data-seattlecitygis.opendata.arcgis.com/

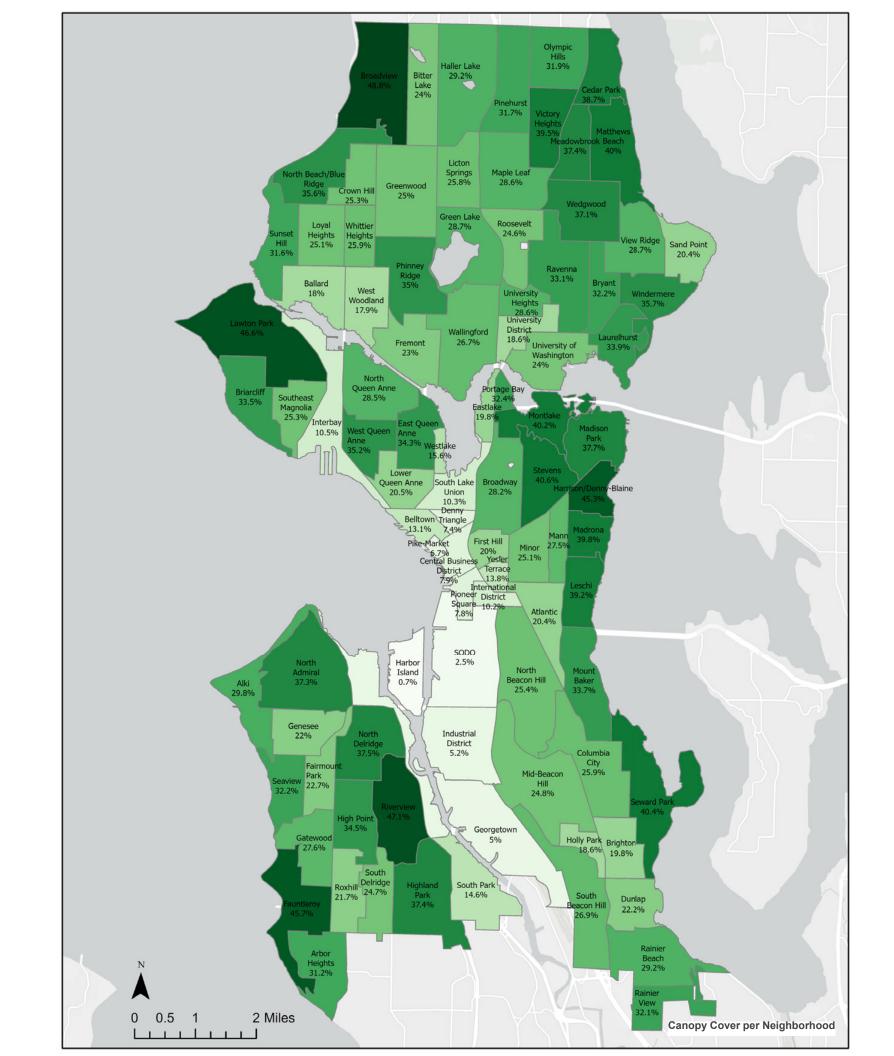
^{2.} https://seattle.gov/documents/Departments/OSE/Urban%20Forestry/2021%20Tree%20Canopy%20Assessment%20Report_FINAL_230227.pdf

^{3. 2021} Tree Canopy Assessment Report noted, "The land cover mapping performed for this 2021 canopy assessment was done at a finer resolution due to having higher quality aerial imagery and LiDAR data available. This resulted in an updated determination of the canopy present in 2016."

^{4.} This report does not incorporate any findings or interpret the assessment methodology from the 2021 canopy report.

Neighborhood Canopy Cover

2021 Neighborhood Canopy Cover % ^{1,2,3}



^{1.} Neighborhoods are defined by Seattle City Clerk's Office Map Atlas.

^{2.} Percentage = neighborhood canopy area / neighborhood area

^{3.} Neighborhood areas have excluded major water surfaces such Green Lake and Bitter Lake.

Neighborhood Canopy Cover

2016 - 2021 Neighborhood Canopy Cover Change% ¹



North Beach/Blue
Ridge
-1.2%
Crown Hill
-1.3% Springs -1% Roosevelt 1.2% Sand Point Ridge 0.3% West Woodland Windermere Lawton Park -0.7% North Admiral North Beacon Hill Industrial District -5.2% City -1.7% Seaview 2.6% Georgetown South Roxhill Delridge South Park 0 0.5 1 2 Miles Canopy Change per Neighborhood

Olympic Hills -2.5%

Victory Heights

Haller Lake

Bitter Lake 0.3%

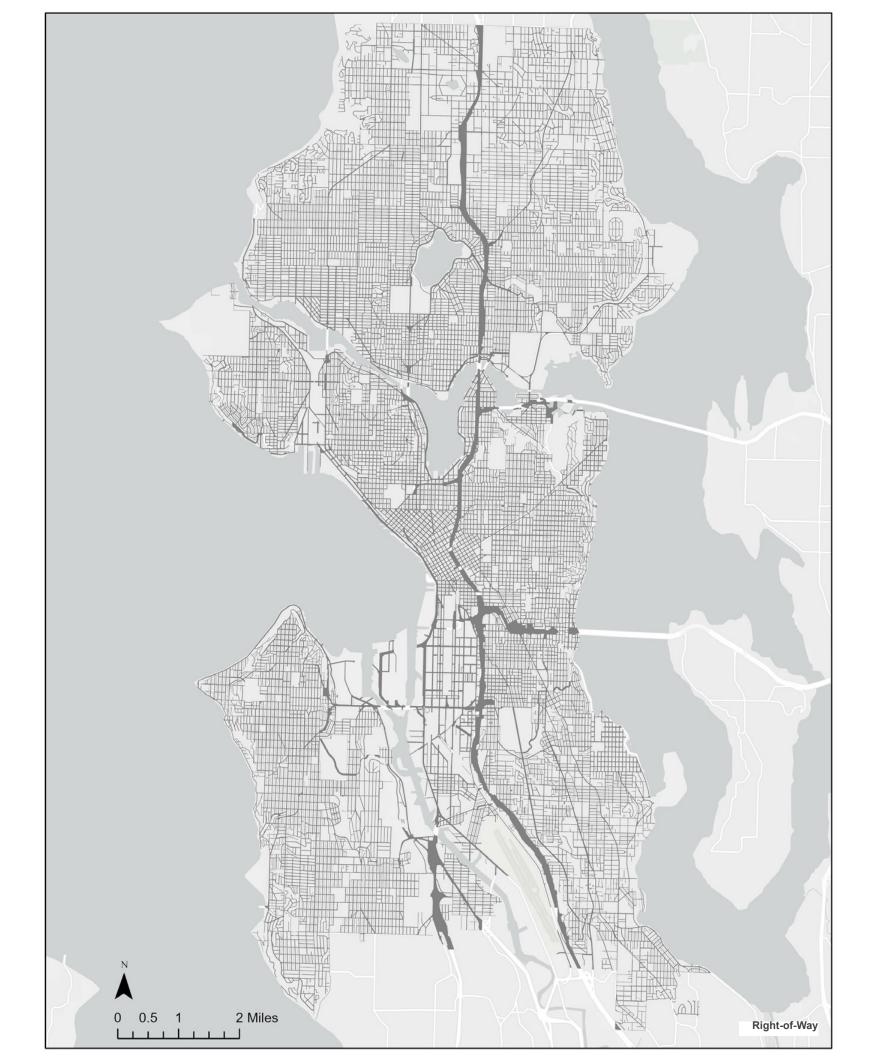
Broadview -3.7%

Right-of-Way (ROW)

27%

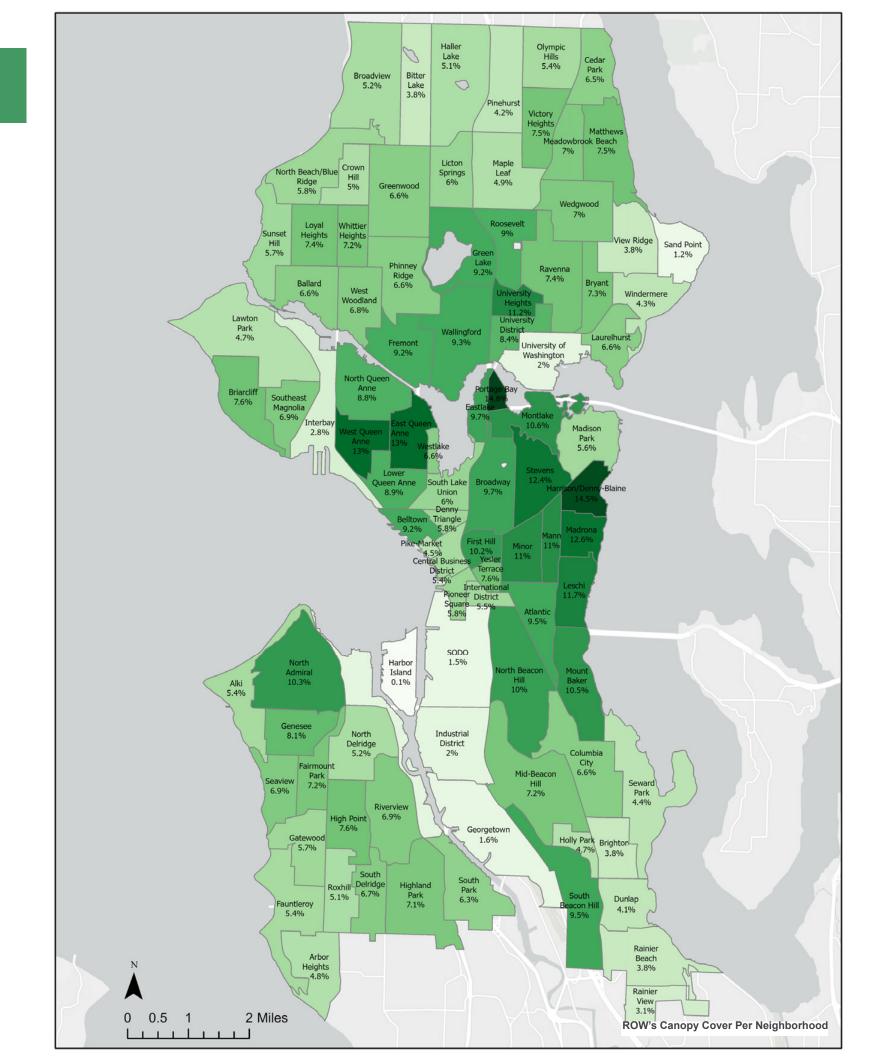
The Tree Canopy Assessment 2021 identifies the ROW as a management unit, which takes 27% of the city's land area. The ROW plays a crucial role in shaping the city's walkability, connectivity, public health, safety, social interaction, and preservation of natural corridors.

	2016	2021	Change
Acres	3,582.85	3,490.78	- 92.07
% in Total Canopy	23.55%	23.28%	- 0.27%



ROW Canopy Cover Per Neighborhood

2021 Neighborhood ROW Canopy Cover % 1

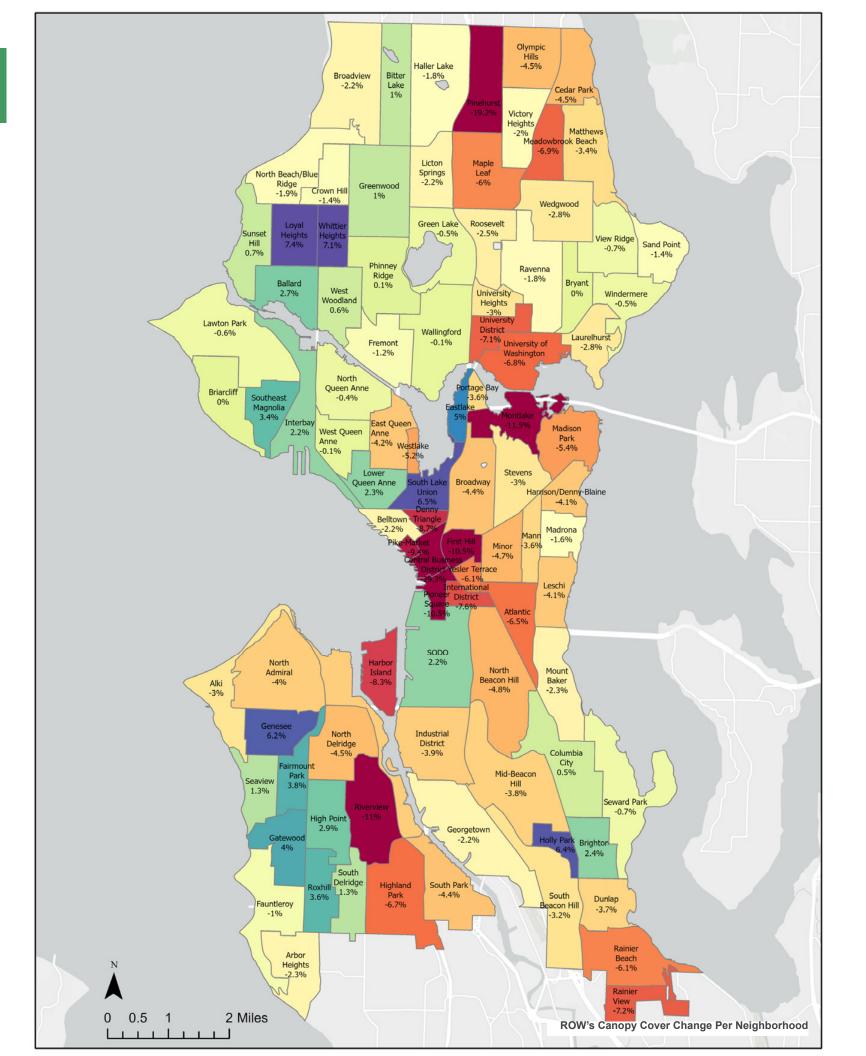


Percentage = Neighborhood ROW canopy area / neighborhood area

ROW Canopy Cover Per Neighborhood

2021 Neighborhood ROW Canopy Cover Change % ¹





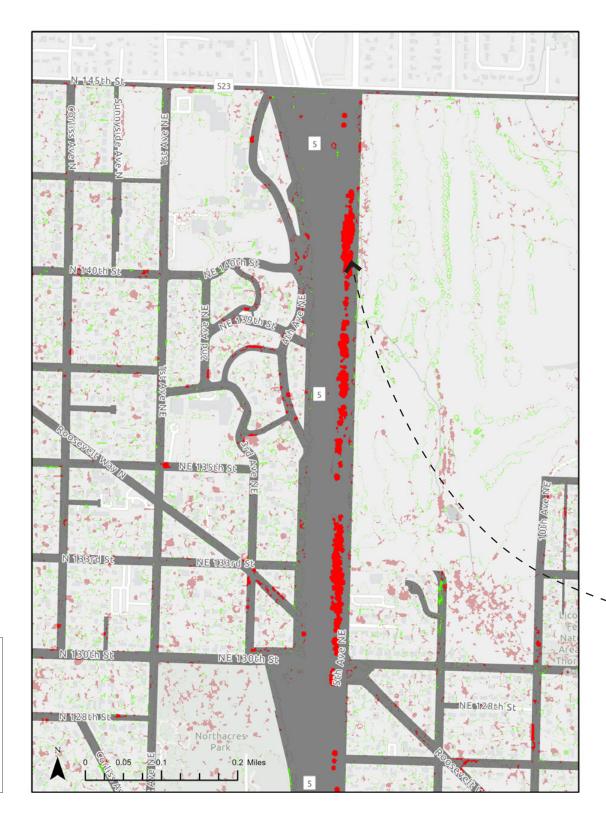
Interpretation - 1

Infrastructure Projects

• Construction & Maintenance

LEGEND

ROW Canopy Loss
ROW Canopy Gain
Canopy Loss in Parcels
Canopy Gain in Parcels





Street View 2014



treet View 2019

Infrastructure Projects

Restoration



Restoration near Lightrail bridge at NE Northgate Way / 1st Ave NE



Street View at NE Northgate Way / 1st Ave NE - 2015



Street View at NE Northgate Way / 1st Ave NE - 2023

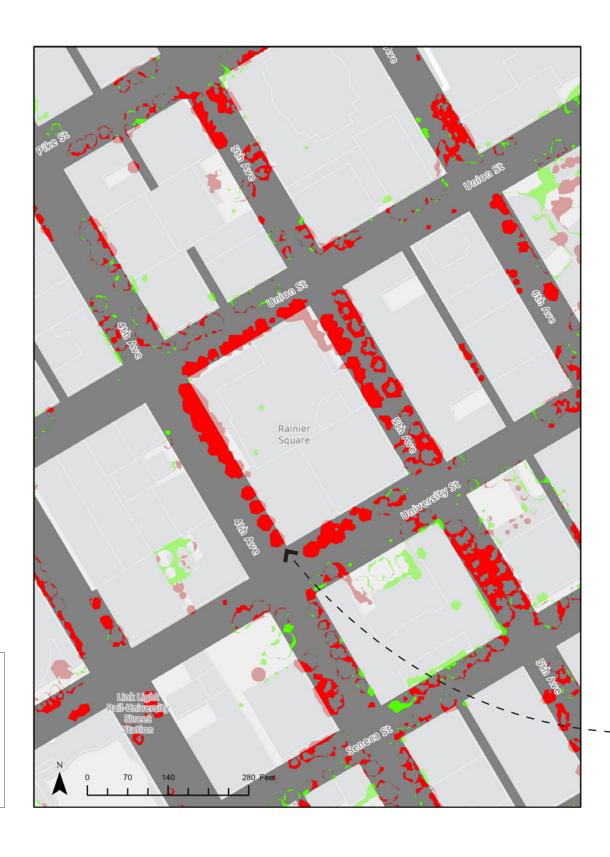
Interpretation - 2

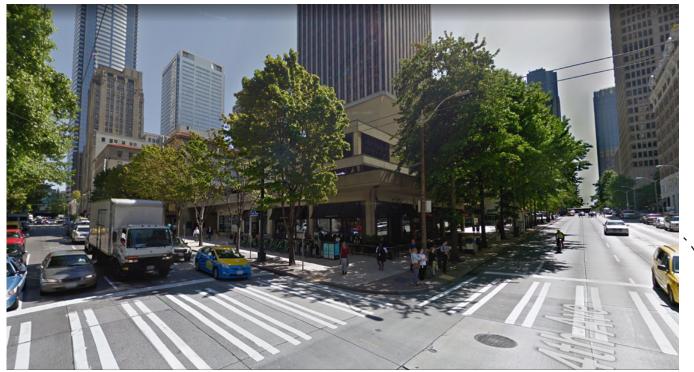
Direct Impact

LEGEND

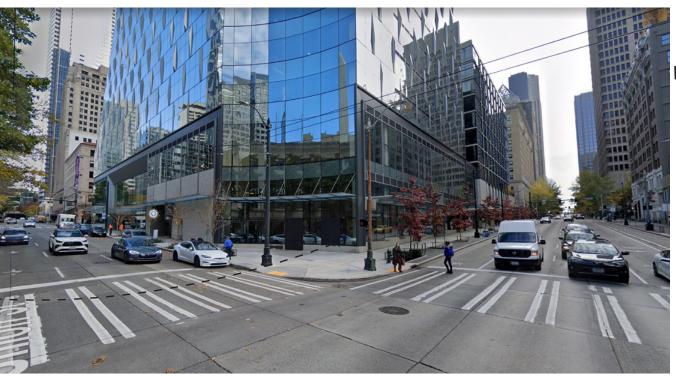
ROW Canopy Loss
ROW Canopy Gain
Canopy Loss in Parcels
Canopy Gain in Parcels

 Development and Construction Activities





Street View 201

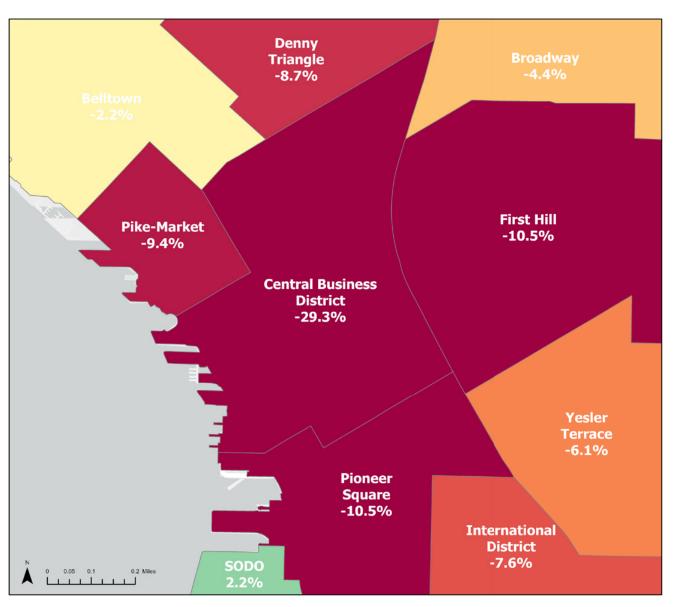


Street View 2022

Development and Construction Activities

Downtown





ROW's Canopy Cover Change

Interpretation - 3

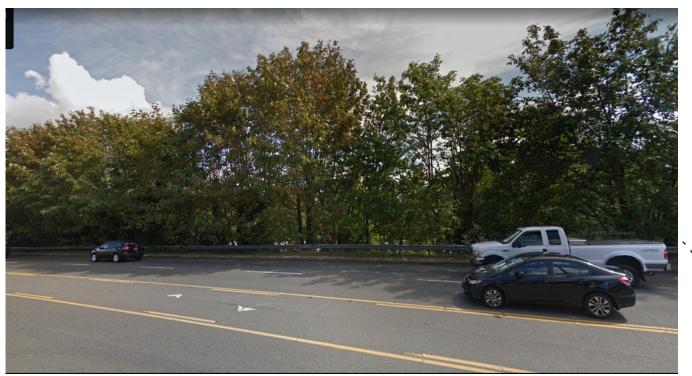
Indirect Impact

 Development and Construction Activities

LEGEND

ROW Canopy Loss
ROW Canopy Gain
Canopy Loss in Parcels
Canopy Gain in Parcels





Street View 2015



Street View 2021

0.12 -

0.10 -

0.08

Canopy Cover %

BO 6

0.04 -4

Comparison

• 2016 - 2021

