



# Bike Facility Maintenance

Seattle Bicycle Advisory Board

Darren Morgan – Director, Right Of Way Maintenance & Urban Forestry

Marc Spaulding – Manager, Signs & Markings

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# Agenda

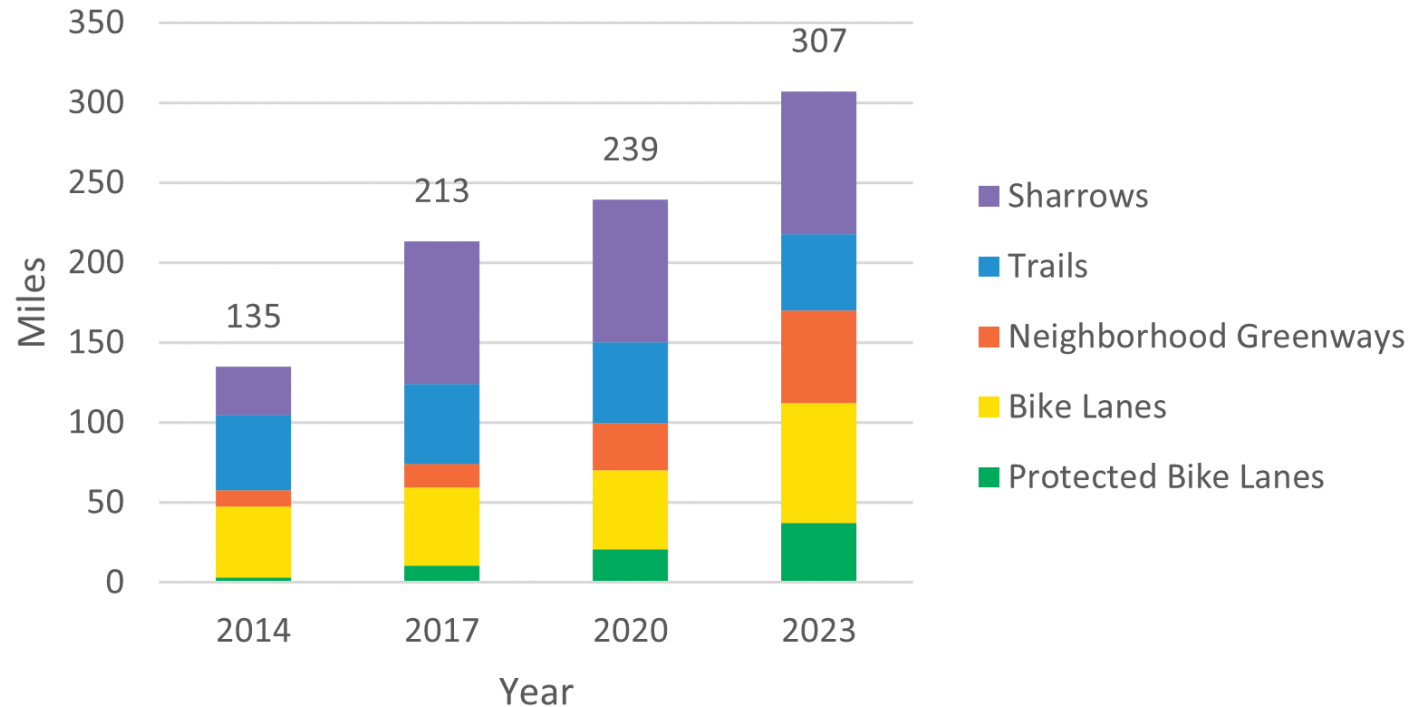
- Bike Facilities & Assets
- Maintenance Operations
- Resources & Funding
- Customer Service Requests
- Lessons Learned
- Q&A

# Bike Facilities & Assets

SDOT has over 307 miles of facilities that serve people biking

- That's equivalent to the distance between Seattle & Spokane via I-90

Growth of Seattle Bicycle Facilities Over Time





# Bike Facilities & Assets

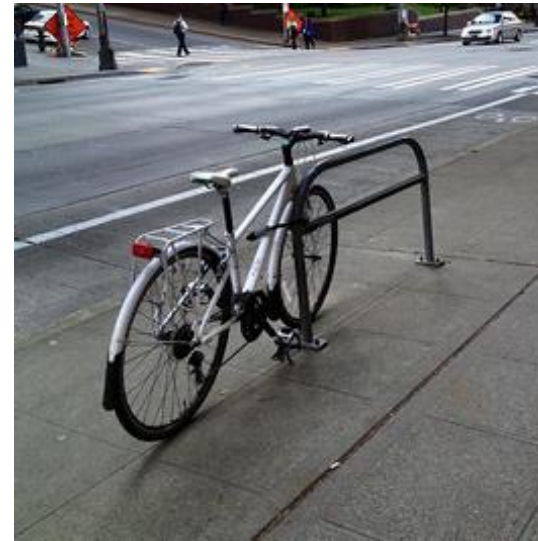
Other related assets that support people biking:



73  
Bike signals



8,673+  
Bike wayfinding &  
regulatory signs



3,731  
Bike racks



263  
Bike corrals

# Maintenance Operations

*Each asset includes multiple layers of maintenance considerations*

- Equity
- Levels of service
- Proactive vs. reactive
- General vs. bike specific



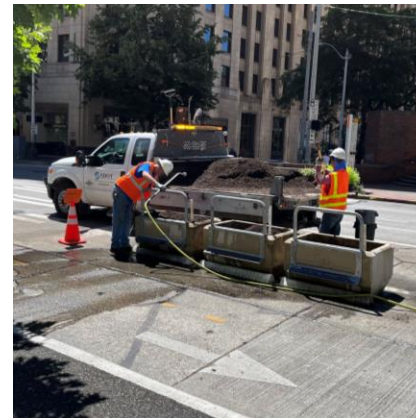
Sweeping



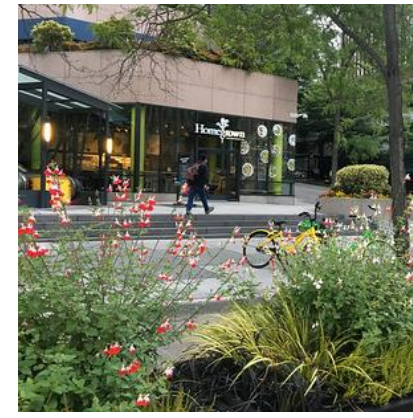
Striping



Paving



Planters



Vegetation



Barriers

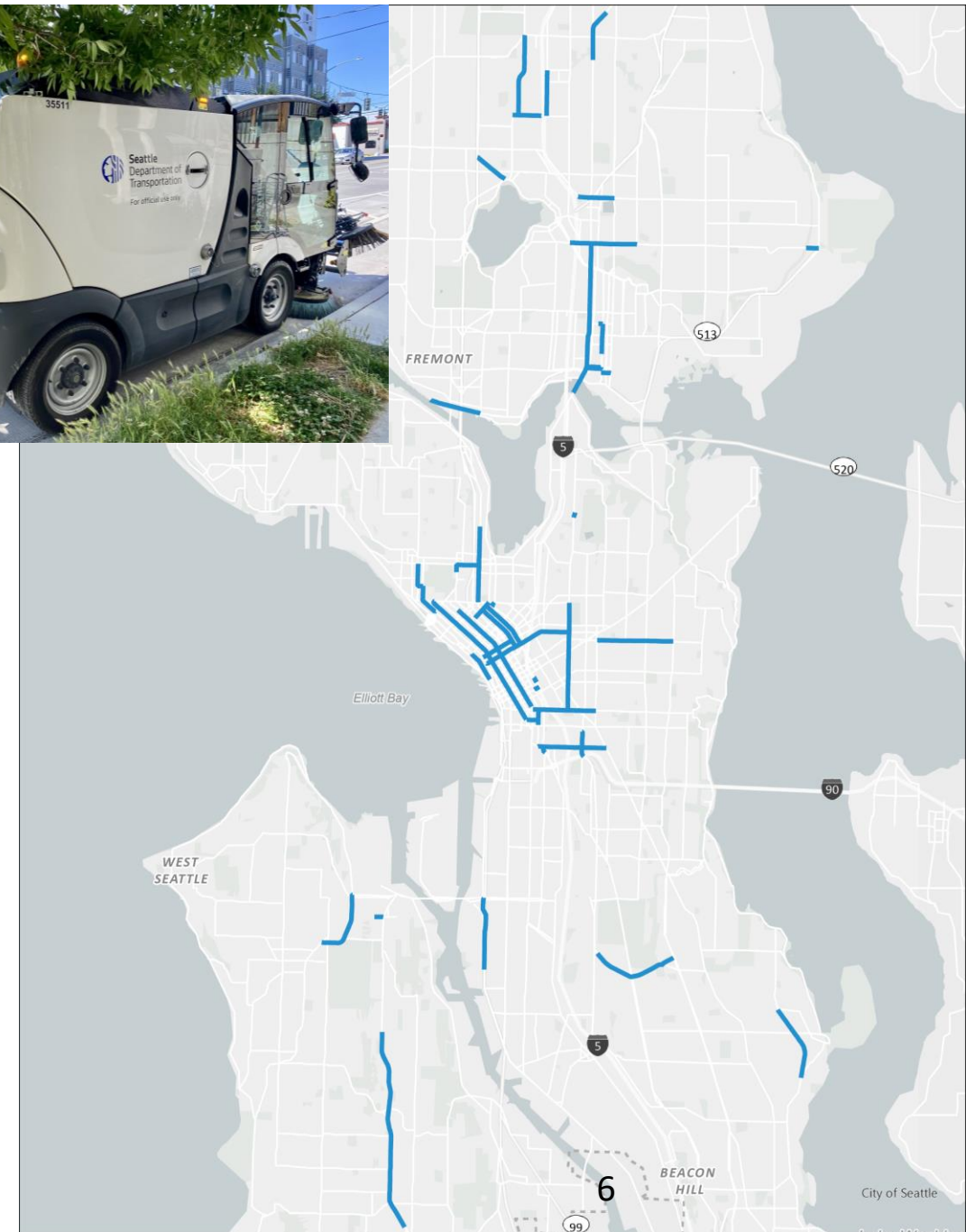


# Maintenance Operations

*A growing network means evolving operations*

Example: PBL sweeping

- Purchased new sweeper to maintain facilities that existing sweepers cannot access
- Developed maintenance routes
- Developed levels of service goals: seasonally adjusted

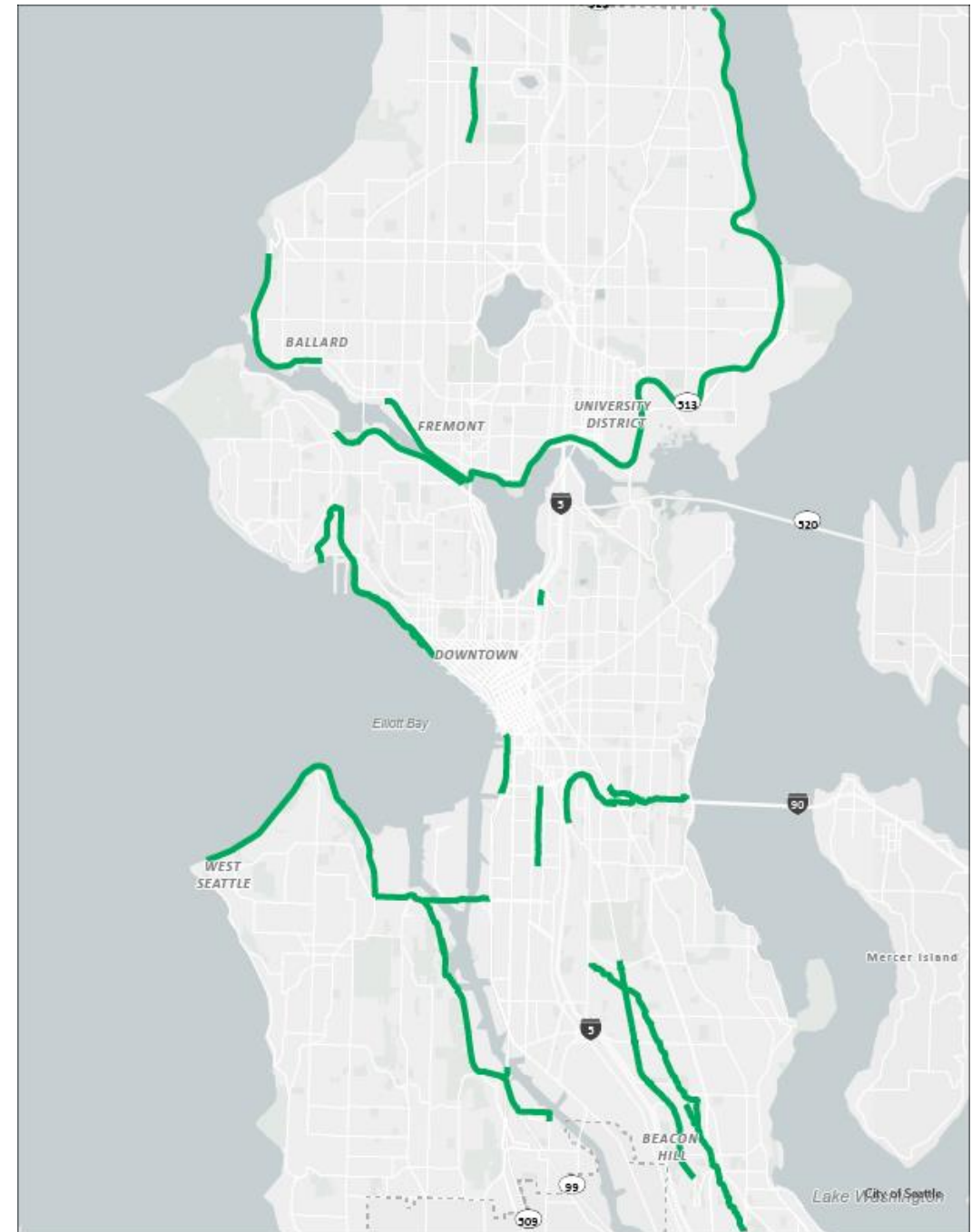


# Maintenance Operations

## *Tracking conditions of Seattle's robust off street trail network*

Example: Yearly Seattle Trail Network Checkup

- SDOT staff members walk/ride multi-use trails
- Photograph & log current conditions
- Work orders are generated & dispersed to address maintenance needs



# Resources & Funding

In 2021 SDOT received \$575,433 in funding via the Vehicle Licensing Fees. These funds are broken down in subcategories that target various aspects of the network.

- Street sweeping
- Vegetation management
- Tuff posts
- Pavement markings
- Planter maintenance





# Customer Service Requests

## SDOT workflow for customer services requests:

### Residents communicate maintenance needs via:

- City of Seattle Customer Service Requests
- [walkandbike@seattle.gov](mailto:walkandbike@seattle.gov)
- 684-ROAD
- Find it Fix it



### SDOT teams evaluate & distribute requests based on:

- Safety
- Budget/funding
- Staff time, availability



### Requests addressed by:

- SDOT crews
- Seattle Conservation Corps
- Urban Trails & Bikeways Program
- Future capital projects

# Lessons Learned

- **Barrier design:** Most new PBLs designed with curb protection, evaluating options to upgrade existing PBLs
- **Pavement markings:** Using thermoplastic and MMA for PBLs



Upgraded curb protection on 8<sup>th</sup> Ave PBL



Thermoplastic installation along West Marginal Way SW PBL



From the entire SDOT Team:  
**Thank you!**

