

# Park Avenue Separated Bike Lane Project



City of Portland  
Public Works Department

# Cyclists are diverse!



# Project Scope

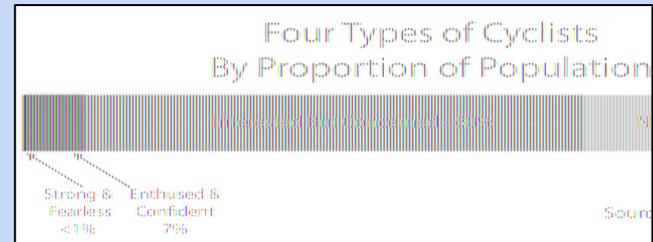
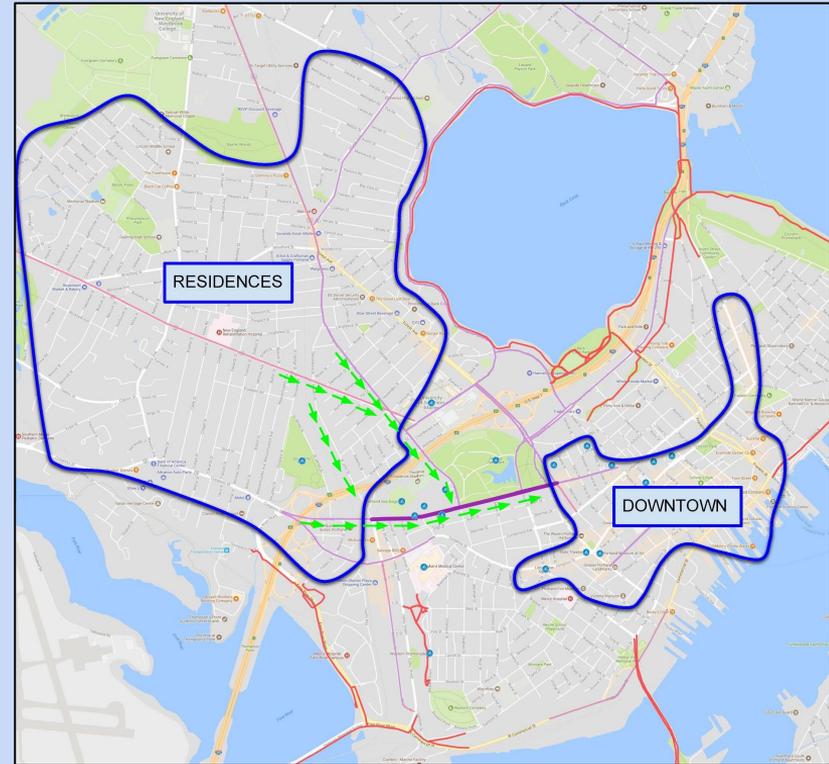


## What?

- Parking Separated Bike Lanes
- Narrowed Travel Lanes
- Parking Changes
- Consistent Road Design

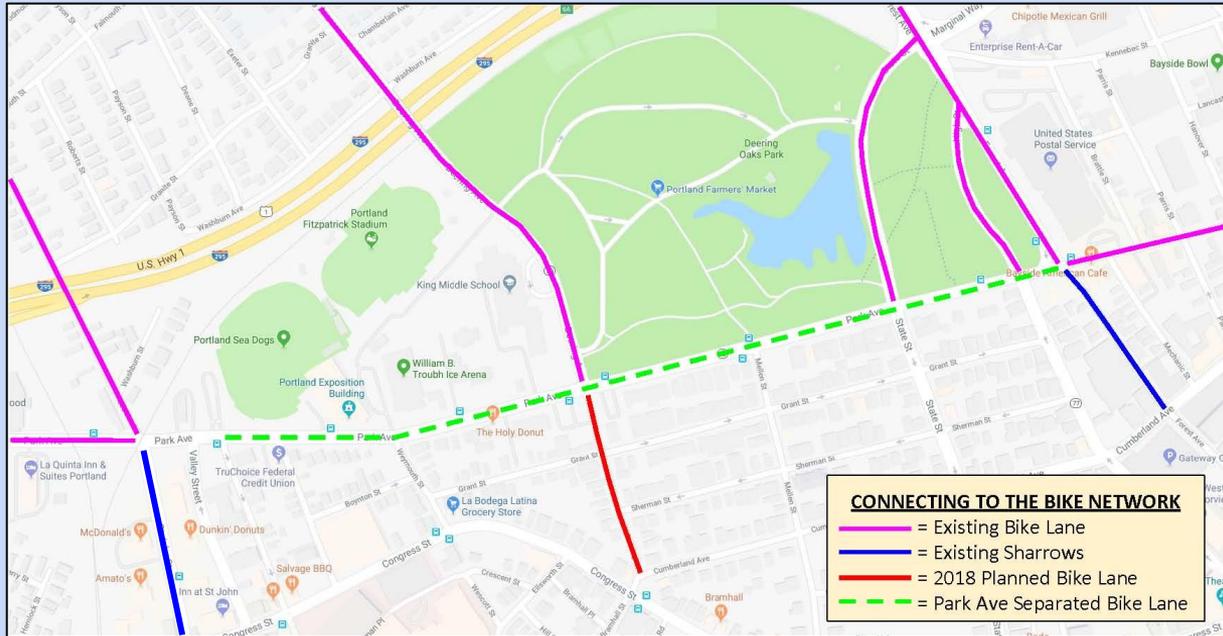
## Why?

- Increase Transportation Options
- Better Bikeway Connections
- Provide Higher Quality Bike Lanes
- Improve Safety for All Road Users



# Connecting to the Greater Bike Network

- Bike lanes on Park Ave. and St John St. to the west
- Bike lanes on Portland St. to the east
- Intersecting bike lanes on Forest Ave., Deering Ave., State St., and High St.



# Separated Bike Lanes Across USA/Canada



Cambridge, MA



Philadelphia, PA



Burlington, VT

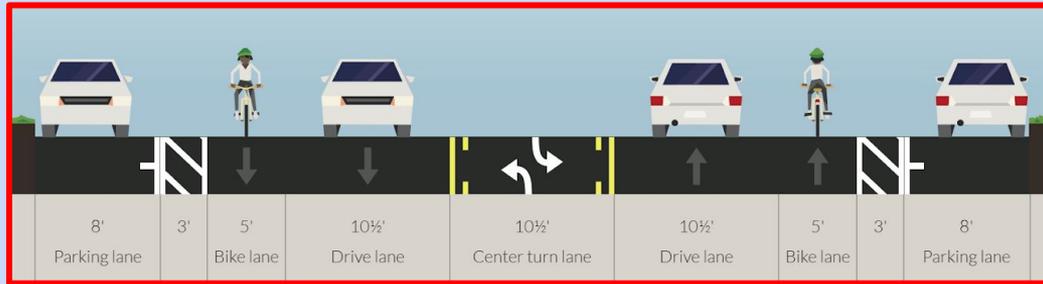


Washington, DC

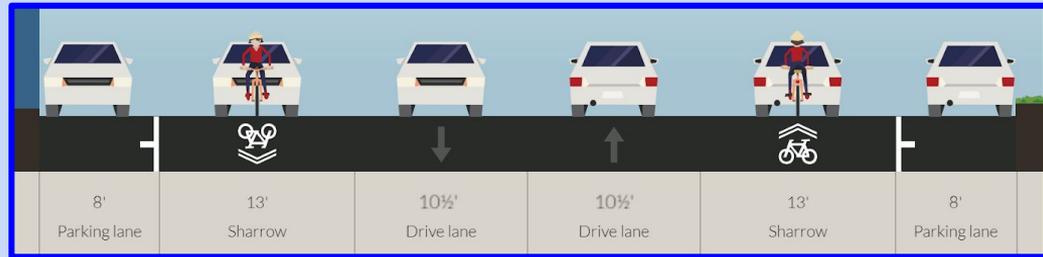


Montreal, QC

# Park Avenue: Existing Street Design

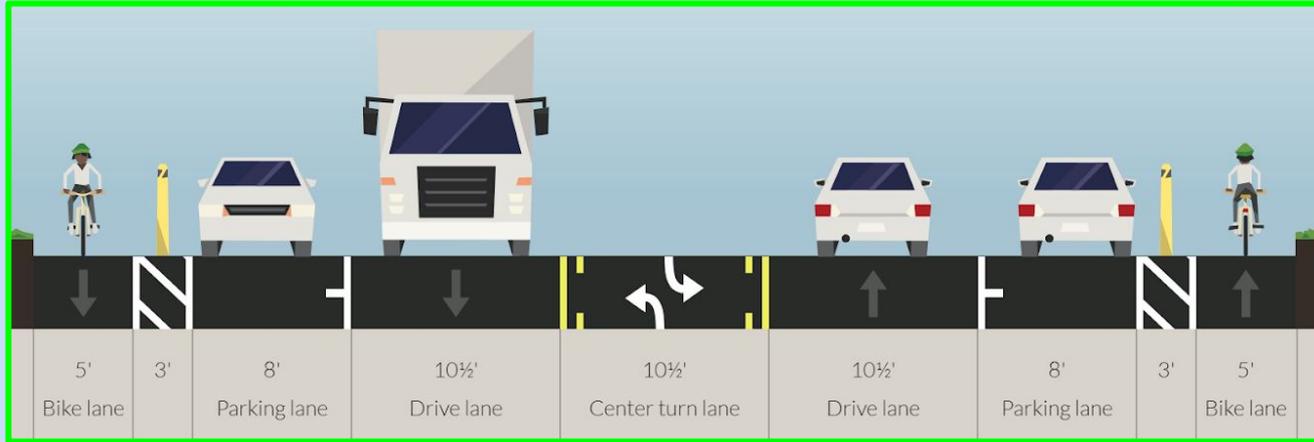


Existing mid-block cross section:  
Gilman St. to Deering Ave.



Existing mid-block cross section:  
Deering Ave. to Forest Ave.

# Park Avenue: Proposed Street Design



Proposed mid-block cross section:  
Gilman St. to Forest Ave.

## Park Avenue Parking Analysis: Nighttime (6pm-7am)

Block	Current Nighttime Total*	Proposed Nighttime Total	Gain/Loss for Nighttime Spaces
Gilman - Forest St	5	3	-2
Forest St - Weymouth	12	14	+2
Weymouth - Deering	38	34	-4
Deering - Mellen	43	29 (+4 motorcycle)	-14 (+4 motorcycle)
Mellen - State	27	39	+12
State - High	25	26	+1
High - Forest Ave	0	2	+2
<b>Total</b>	<b>150</b>	<b>147</b>	<b>-3 (+4 motorcycle)</b>

\*No changes are proposed to the existing time restrictions on parking.

# Park Avenue Parking Analysis: Daytime (7am-6pm)

Block	Current Daytime Total	Proposed Daytime Total	Gain/Loss for Daytime Spaces
Gilman - Forest St	50	3	-2
Forest St - Weymouth	12	14	+2
Weymouth - Deering	38	34	-4
Deering - Mellen	43	29 (+4 motorcycle)	-14 (+4 motorcycle)
Mellen - State	27	39	+12
State - High	0	26	+26
High - Forest Ave	0	2	+2
<b>Total</b>	<b>125</b>	<b>147</b>	<b>+22 (+4 motorcycle)</b>

# Park Avenue: Transit

## Current Conditions

- METRO Route 5 runs in both directions on Park Ave.
- Runs every 25-35 minutes at weekday peak times (7am-7pm)



# Bus Stop Spacing

- METRO recommends 800-1000 feet between stops, with a maximum of a quarter-mile
- Strategic Removal of Bus Stops
  - Route 5 WB - Park Ave. & Deering Ave.
  - Route 5 WB & EB - Park Ave. & State St.
- Relocation of Bus Stops
  - Three stops will be shifted
  - Moving stops to the far side of intersections make it easier for bus drivers to pull over to pick up riders

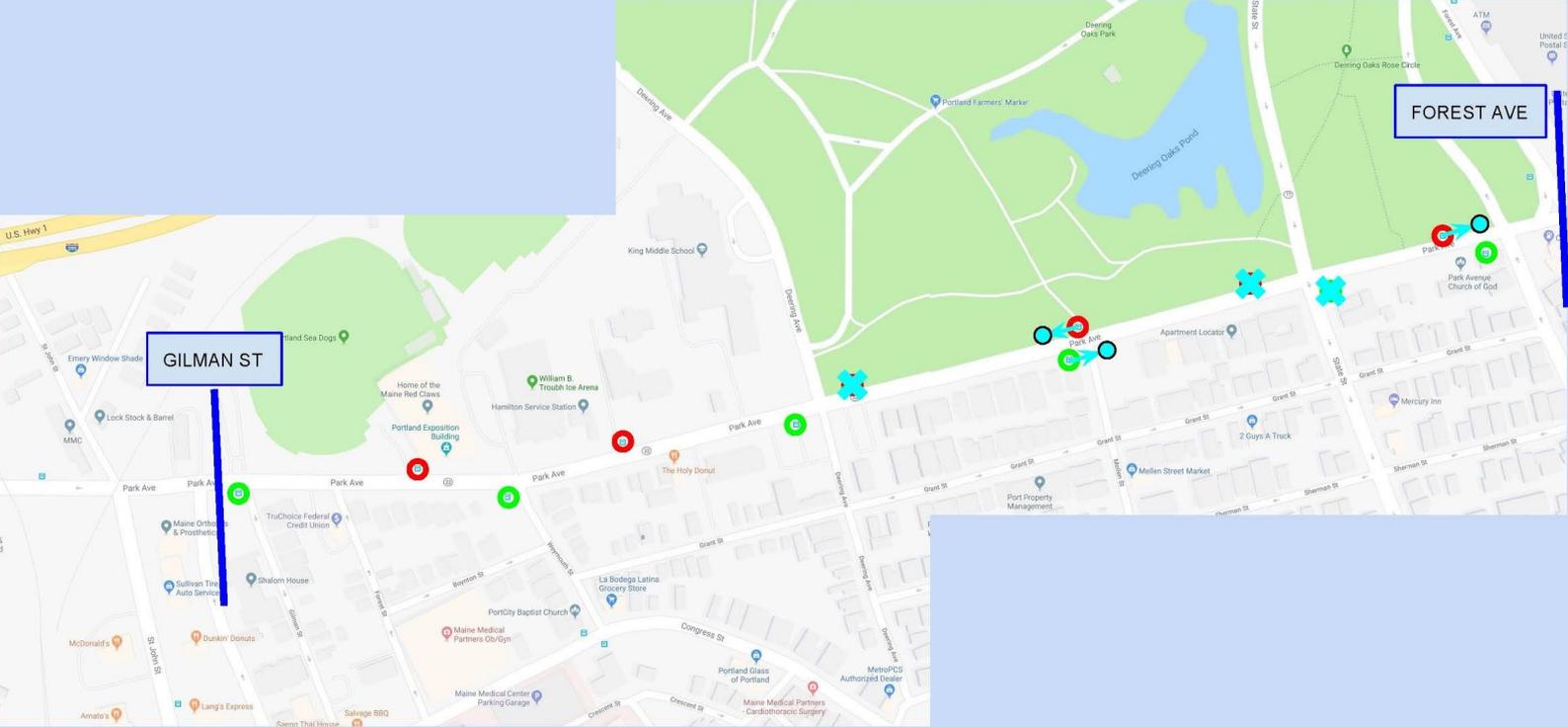
Current



Proposed



# Park Avenue: Overall Transit Changes



# Park Avenue:

## Project Implementation and Maintenance

### Implementation

- No digging!
- Removal of select existing markings
- Implementation of new lines + symbols
- Installation of signs
- Installation of bollards

### Maintenance

- Seasonal removal and re-installation of bollards
- Annual restriping
- Regular street sweeping in the summer
- Regular plowing in the winter



# Image Sources

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