

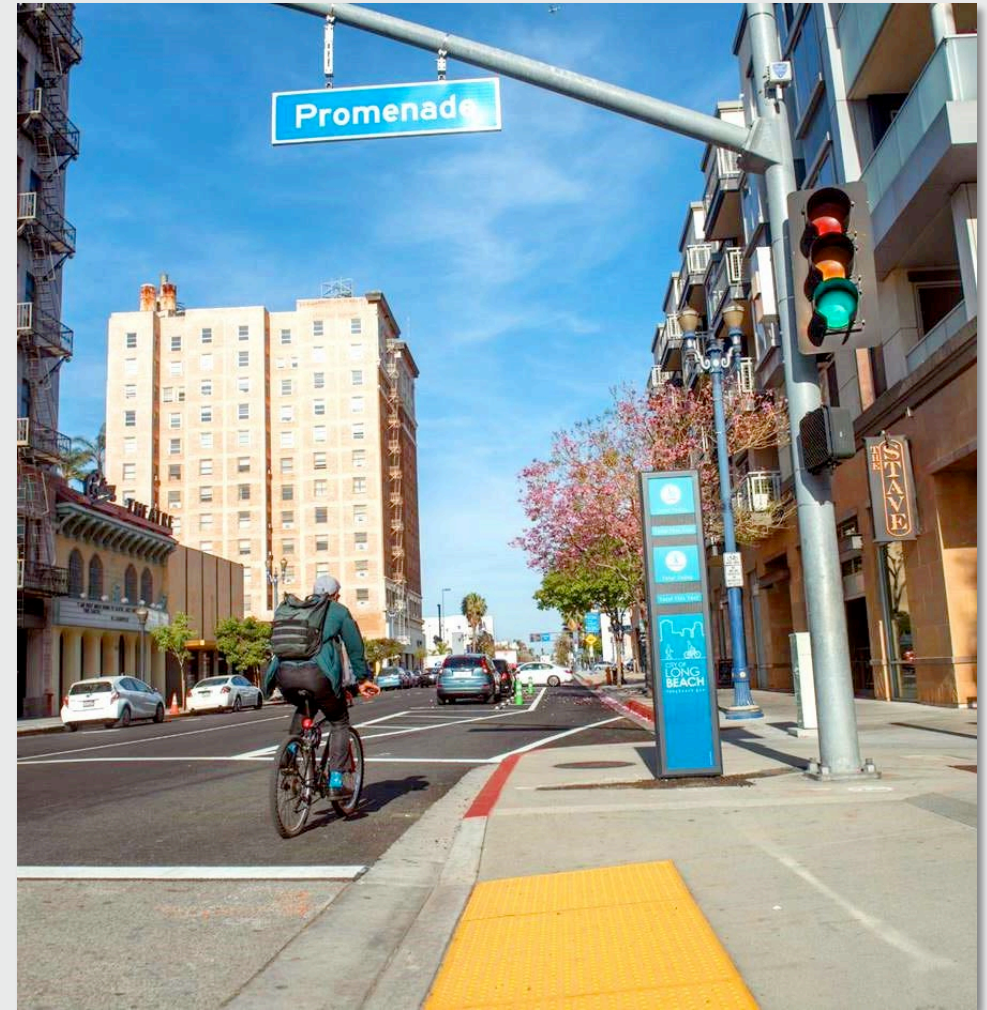


Citywide Bicycle Infrastructure

City Council Study Session - February 1, 2022

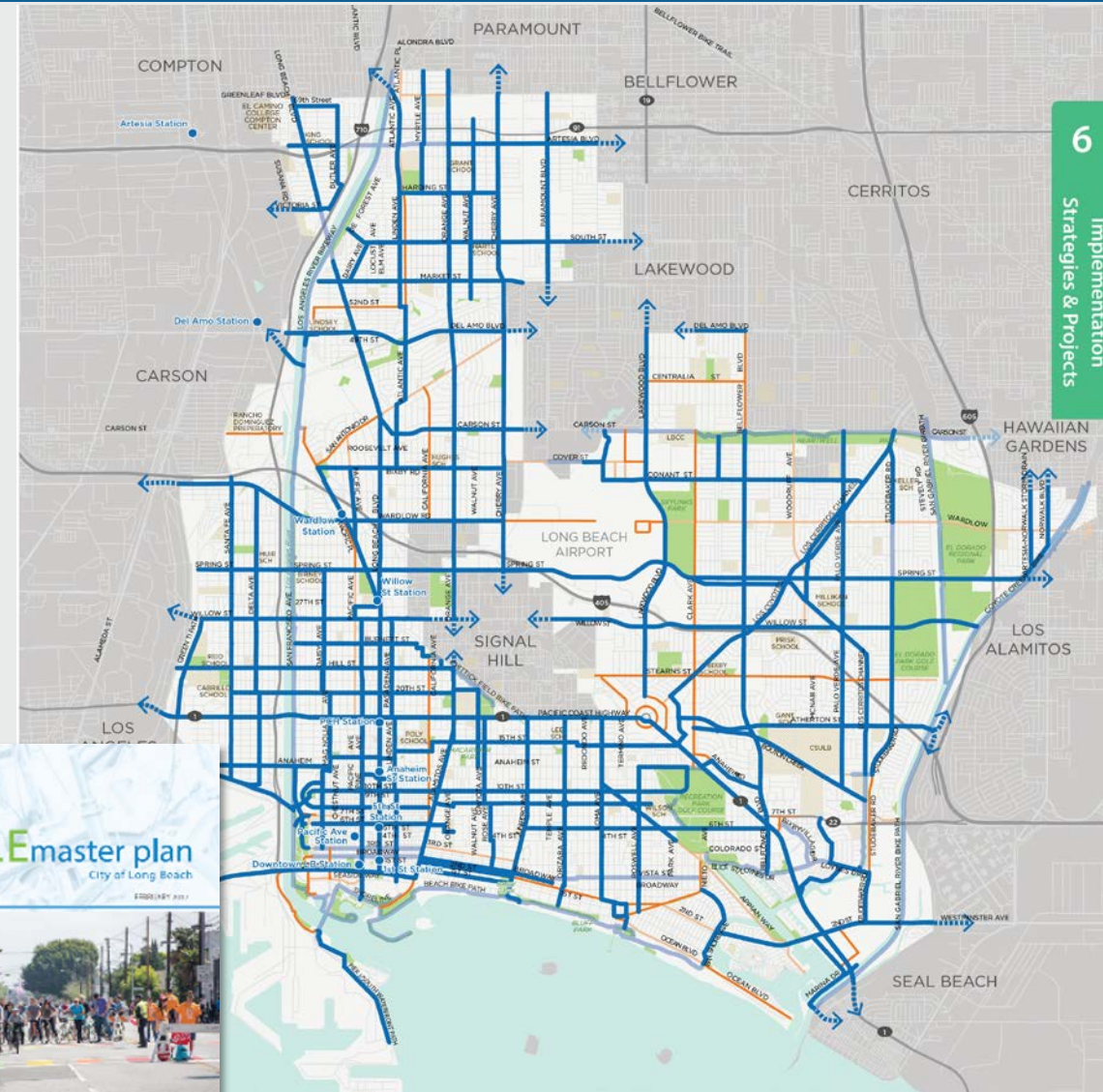
Agenda

- Bicycle Master Plan
- Safe Streets LB Action Plan
- GoActiveLB Hub
- Bike Share Updates
- Bikeway Infrastructure Projects
- Network Implementation Progress



Bicycle Master Plan

- Adopted by the City Council 2017
- Focus on equity, mode shift, sustainability, and safety
- Vision to shift 30% of all trips to bicycle trips in 30 years
- Create 8-80 bicycle network that is connected, safe, and convenient
- Implement bike-friendly programs



Safe Streets LB Action Plan

- Safe Streets LB Action Plan adopted by the City Council in July 2020
- Vision Zero Policy
 - Eliminate traffic fatalities and serious injuries by 2026
- Plan focuses on vulnerable road users at higher risk
- Action Plan Focus Areas
 - Resources, Speeding, Design, Education, Data, Equity, Partnerships



Safe Streets LB Action Plan

- Safe Streets and Bike Infrastructure
 - Bicyclists are overrepresented in crash data
 - Survey feedback emphasized need for separation between bikeways and vehicle traffic
 - Roadways with bikeways are typically redesigned to reduce speeding
 - Bicycle infrastructure can improve safety for drivers as well
- Achievements since 2020
 - Received \$19M for safety improvement projects
 - Yard sign education program
 - Speed limit reductions (29 road segments to date)



GoActiveLB Hub

- City-owned bicycle commuter parking facility
 - 1st Street and Promenade in Downtown
 - Monthly and annual commuter parking memberships
 - 24/7 secure and monitored indoor bike parking
 - Free monthly bike safety workshops
- Other GoActiveLB Hub Services
 - Bike registration
 - Bicycle repair
 - Retail shop
 - Resource for bicycle info



BikeShare 2021 Trips and Program Metrics

- Total bikes: 572
- Additional bikes in refurbishment: 858
- Total hubs: 96
- Overall trips: 48,861
- Total miles: 143,790
- Average ride time: 8 minutes
- Carbon emissions reduced: 126,796 lbs.
- Calories burned: 5,751,609
- 2021 active members: 58,338
- 2020 active members: 46,112



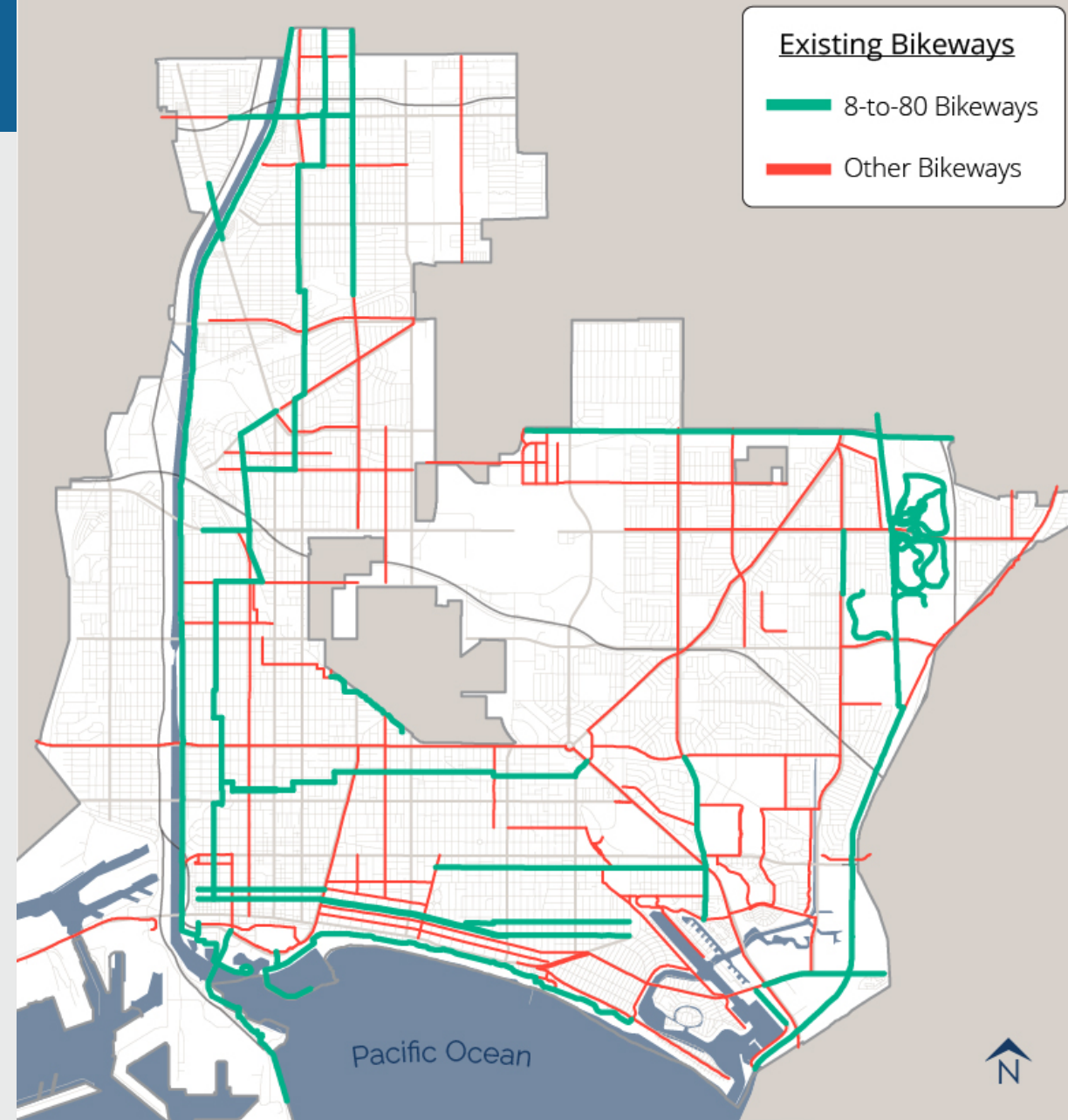
BikeShare Updates

- Operations and Maintenance
 - New 2021 contract term for 2.5 years
 - Pedal Movement is contracted vendor
 - Includes refurbishment of recently acquired bicycles
- 2022 BikeShare Expansion
 - 100-150 new e-bikes
 - 800+ refurbished non-electric bicycles
 - 50-75 new hubs will be installed citywide
 - Reduce fare program launch
 - Goal to increase membership and trips



Current Bikeway Status

- Current Bikeway Network
- 2021 8 to 80 Projects (1.5 miles)
 - Pier J Path (Partnership with POLB)
- 2021 Bike Lane Projects (.36 mile)
 - Temple Ave (Obispo Ave - Spring St)
 - Private Developer Constructed
 - Alamitos Ave (Ocean Blvd – Broadway)
 - Cherry Ave (San Antonio Dr – Del Amo Blvd)



Upcoming Bikeway Projects

Grant-Funded

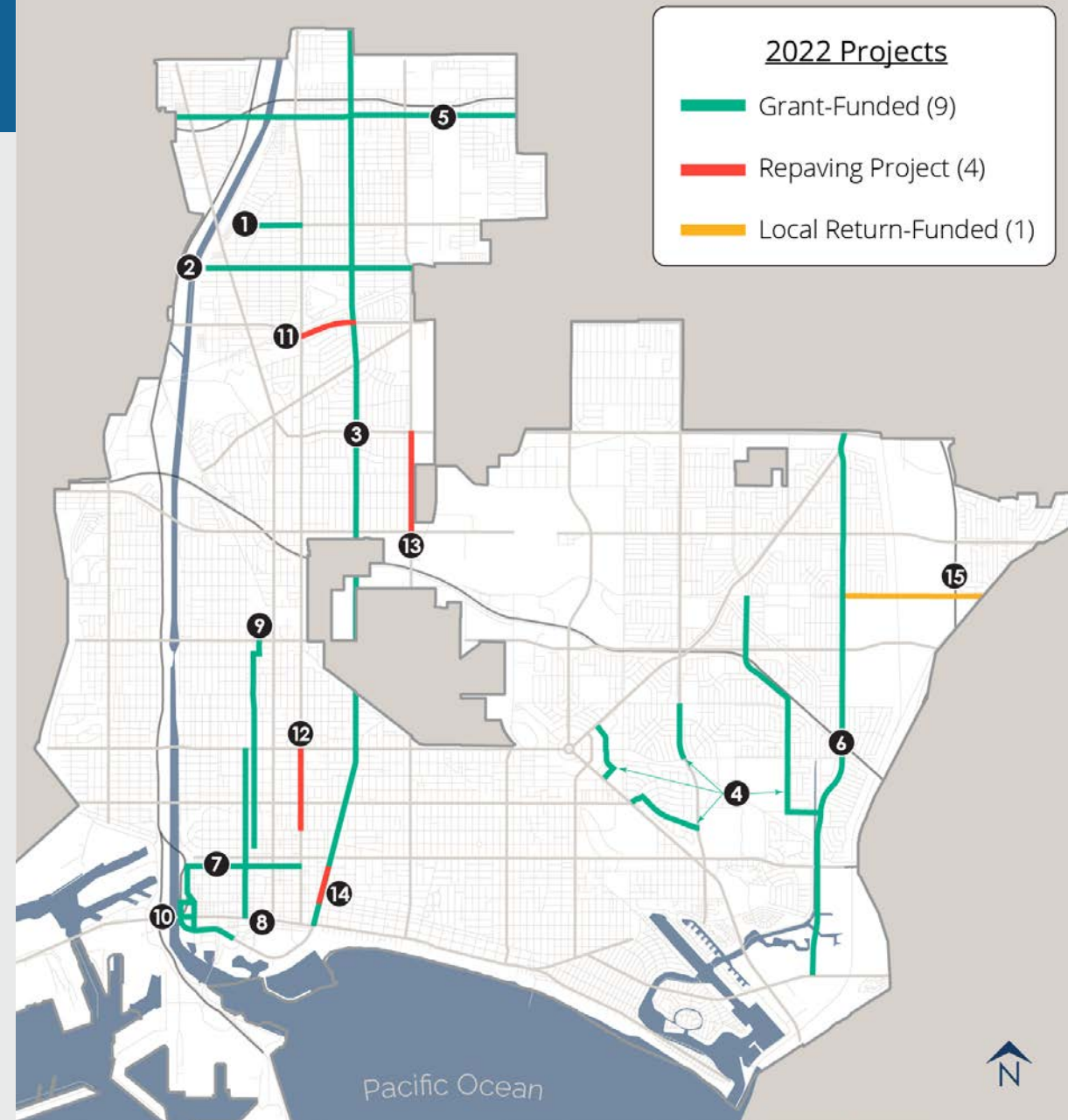
1	South St	Dairy-Atlantic	2022
2	Market St	LA River-Cherry	2022
3	Orange Ave	Ocean-70th	2023
4	Atherton St	Various	2023
5	Artesia Blvd	City Limits	2023
6	Studebaker Rd	2nd-Carson	2024
7	6th St	Golden-Atlantic	2024
8	Pacific Ave	Ocean-PCH	2025
9	Pine Ave	8th-Willow	2025
10	Shoreline Dr	6 th – Downtown	2024

Repaving Project

11	Del Amo Blvd	Atlantic-Orange	2022
12	Atlantic Ave	10th-PCH	2023
13	Cherry Ave	Wardlow-Carson	2024
14	Alamitos Ave	Broadway-6th	2024

Local Return-Funded

15	Spring St	Studebaker-ECL	2022
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Upcoming Project: Downtown Walkable Corners

- 190 curb extensions and pedestrian medians Downtown
 - Limits: Magnolia Ave, Alamitos Ave, 7th St, Ocean Blvd
 - Safe Streets LB Action Plan
 - Pedestrian and bicyclist visibility improvements
 - Education and outreach
- Federally-funded
 - Caltrans Active Transportation Program
 - Total cost \$8.8M
- Estimated completion 2025



Upcoming Project: Pacific Ave Cycle Track

- Pacific Avenue (Ocean Blvd to PCH)
 - Safe Streets LB Action Plan
- Transit, bicycle, and pedestrian priority
 - Bus islands
 - Shorter pedestrian crossings
 - Separated bikeway
- Federally-funded
 - Caltrans Active Transportation Program
 - Total cost \$8.3M
- Estimated completion 2025



Upcoming Project: Pine Ave Bike Boulevard

- Pine Avenue (8th St to Willow St)
 - Connects Downtown to the Willow St Metro A Line Station
- Bike and pedestrian priority
 - Traffic calming features - vehicle diverters, raised intersections, traffic circles, rapid flashing beacons, etc.
- State-funded
 - Caltrans Active Transportation Program
 - Total cost \$4.1M
- Estimated completion 2025



Upcoming Project: Del Amo Boulevard

- Limits: Atlantic Ave to Orange Ave
- Bikeway added to regularly scheduled Major Streets maintenance project
- Separated bikeway uses concrete separators (photo from Portland)
- Connects to Orange Ave and Atlantic Ave bikeways
- City staff design

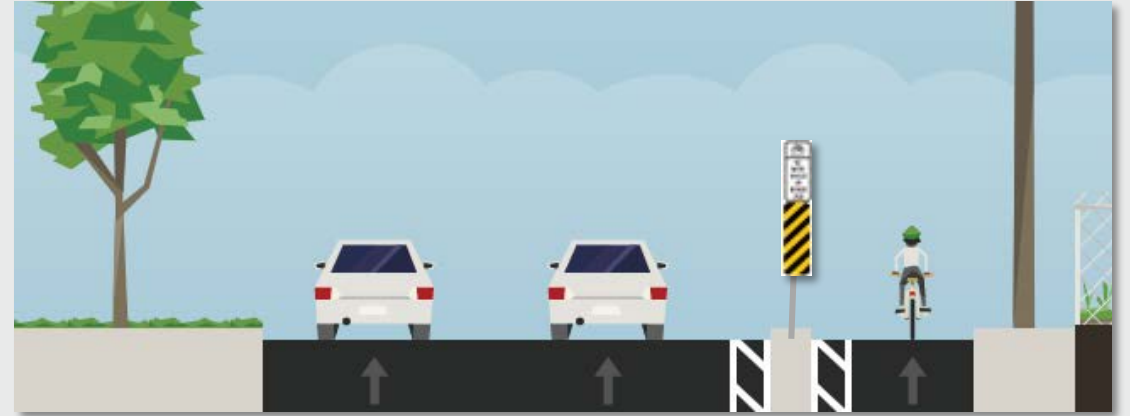
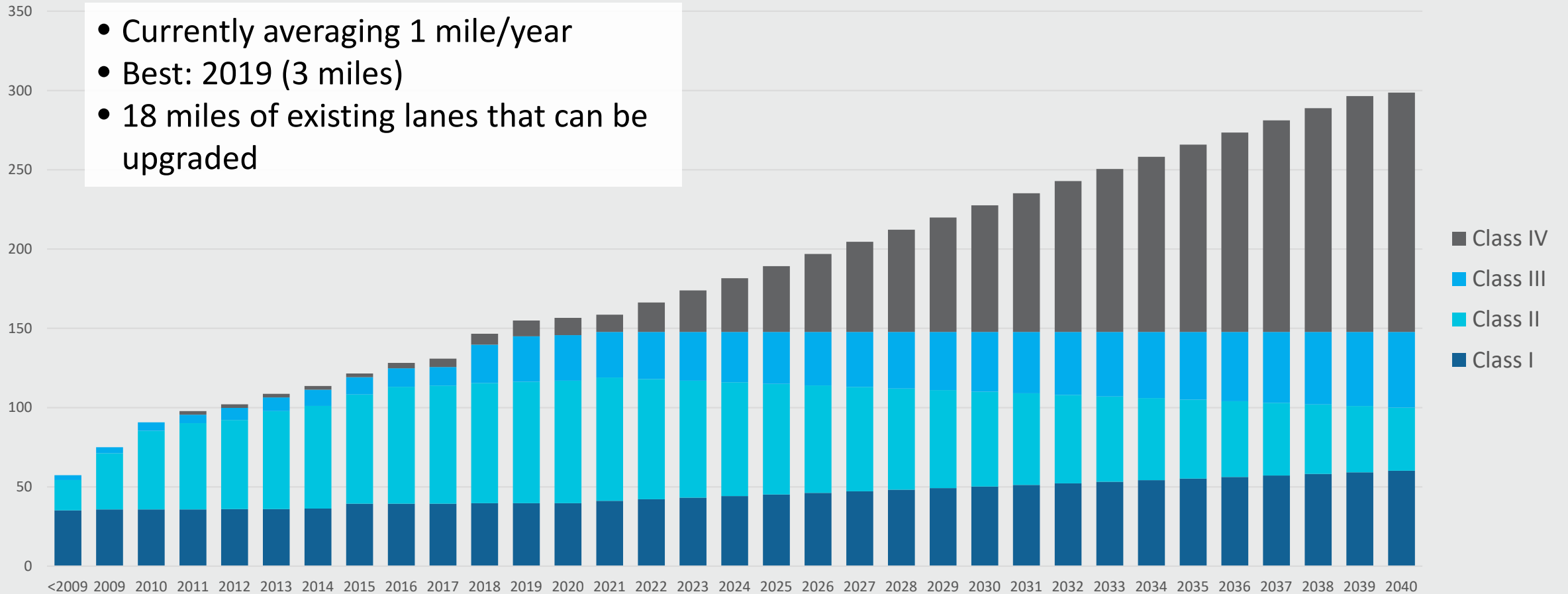


Photo Courtesy of BikePortland.org

Bikeway Network Expansion Target

Cumulative Miles of Bikeways Needed to Meet Bicycle Master Plan Target



Achieving Bikeway Targets

- Quick Build & Interim (Top Photo)
 - Signing and Striping, Temporary Materials
 - \$250k/mile
 - Complete Buildout: \$35 million (\$1.8M/year)
- Best Practice (Bottom Photo)
 - Concrete and Stormwater Upgrades
 - \$5M/mile
 - Complete Buildout: \$700 million (\$36M/year)



Best Practice Bikeways





Thank you