



# CITY OF LONG BEACH

## **Mobility Programs and Projects Update**

**Rachel Junken**, Transportation Programs Planner  
Sustainable City Commission, June 27, 2019

# E-SCOOTERS

# E-Scooter Pilot Program

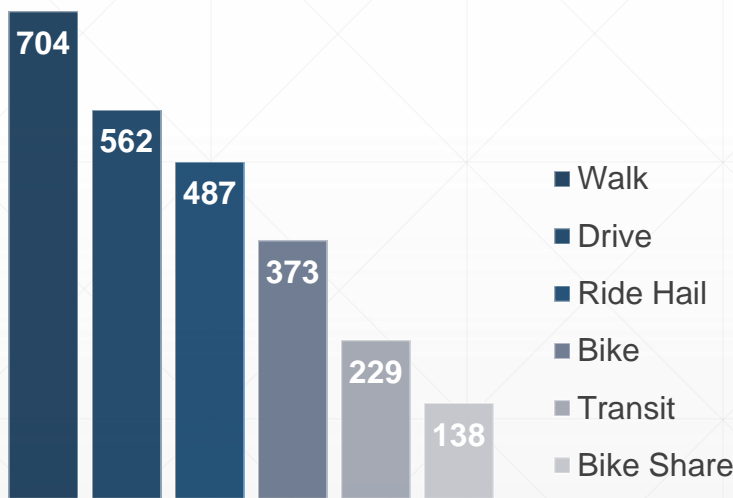
- **E-scooter pilot launched in August 2018**
  - Currently 4 vendors
  - 1000+ scooters; 300 max per vendor
  - Drop zones for morning deployment
  - Monthly reports submitted to City
  - 551,000 total trips taken (8/1/18 – 05/31/19)
- **Survey results (1,965 Responses):**
  - 56% of respondents had never ridden an e-scooter
  - 58% agree that drop zones are effective in organizing scooters in the public right of way
  - 55% of respondents think e-scooters are necessary to fill a gap in the transportation network



# E-Scooter Pilot Program

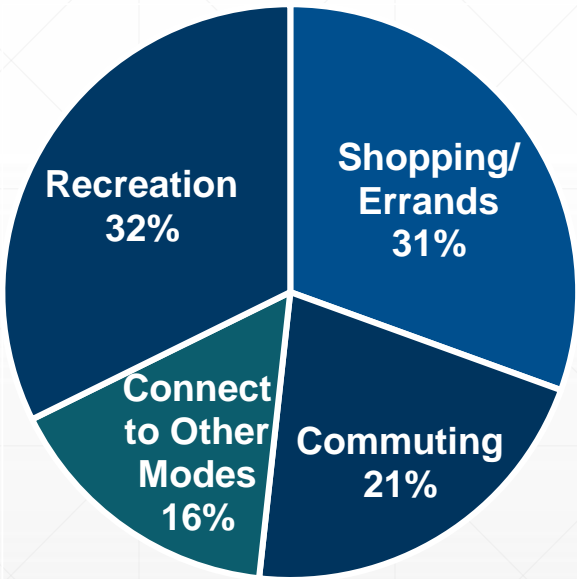
Online Public Opinion Survey  
Respondents Who Have Ridden A Scooter (n = 859)

Trip Mode Replaced by E-Scooters

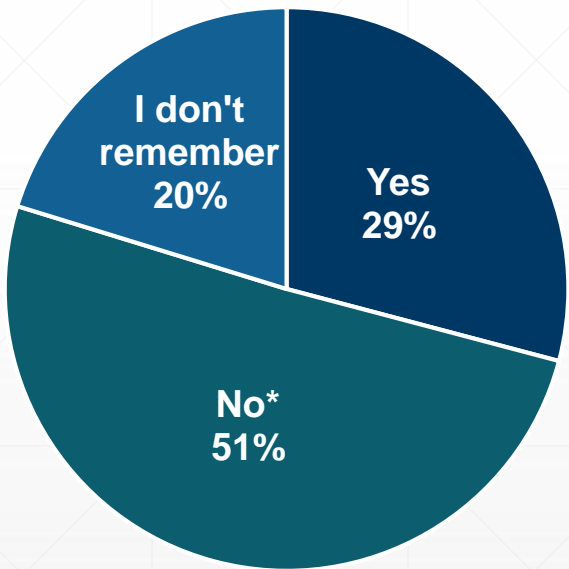


Note: Respondents can choose multiple options

What is the typical purpose of your e-scooter trips in Long Beach?



Percentage of Riders Notified by Companies of the Laws Regarding Scooter Riding\*





# E-Scooter Permit Program

## E-Scooter Permit Program

- City Council adopted ordinance in May 2019
- 1 year permit for operation
- Maximum 4 vendors
- 4,000 scooters with increased geographic distribution; expands to 6,000 after 6 months
- Includes permit fees and penalties for non-compliance
- **Other permit requirements:**
  - Parking incentive to return scooters back to drop zones
  - Data sharing for increased fleet monitoring
  - Improved equipment maintenance reports
  - Income sensitive reduced fees



# E-Scooter Laws and Regs


- Must be at least 18 years of age
- Must have driver license (CVC)
- May only park scooters outside of the sidewalk path-of-travel in compliance with ADA
- Must agree to comply with the California Vehicle Code and Long Beach Municipal Code – Enforced by LBPD
  - Have a license to operate (CVC)
  - Ride in a bike lane (CVC)
  - Park without blocking sidewalks, bikeways, or paths (CVC)
  - No riding on sidewalks (CVC) or private property (LCMC)
  - Helmet no longer required as of Jan 1, 2019 (CVC)


**eScooters**  
IN LONG BEACH

The City of Long Beach recently launched an eScooter share pilot program to provide residents and visitors with additional mobility options. The program, which runs through **October 31, 2018**, enables six eScooter operators to each deploy 150 scooters throughout the City. The following laws and rules will help you stay safe and enjoy your ride.


**All Riders Must:**

**WEAR A HELMET, REGARDLESS OF AGE**  
(CVC 212351)



**CALIFORNIA**  
 **HAVE A LICENSE OR LEARNER'S PERMIT TO OPERATE**  
(CVC 21235d)

Questions or comments?  
**(562)908-3516**  
[LongBeachCallCenter@wilddan.com](mailto:LongBeachCallCenter@wilddan.com)

 **CITY OF LONG BEACH**

**eScooters**  
IN LONG BEACH

**Treat It Like A Bike:**

 **RIDE IN A BIKE LANE**  
(CVC 212298)

**PARK WITHOUT BLOCKING SIDEWALKS, BIKEWAYS OR PATHS**  
(CVC 21235f)



**No Riding On:**

 **SIDEWALKS**  
(CVC 21235g)

 **PRIVATE PROPERTY**  
(LBMC 9.42.106a)

Questions or comments?  
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 **CITY OF LONG BEACH**

HAVE A SAFE RIDE! 

# PROGRAMS & EVENTS



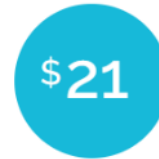
# Bike Share

- Debuted March 2016
- Currently 400 bikes; 71 hubs deployed
- 34,693 active members
- 198,747 total trips taken
- 542,262 total miles traveled
- Average trip duration: 29 min
- Average trip distance: 2.6 miles
- Carbon reduced: 478,176 lbs
- CSULB campus added in September 2017 with 7 stations



**Pay as you go**

per 60 min.  
prorated by the minute



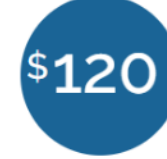
**Prepaid**

for 3 hours and get  
1 additional hour fee



**Monthly Plan**

Includes 90 min.  
daily ride time



**Annual Plan**

Includes 90 min.  
daily ride time



**Student Plan**

Includes 90 min daily ride time.



# Beach Streets

- Open streets events help residents re-envision roads and encourage active transportation
- 7 Beach Streets events held since 2015
  - Uptown, 2015 – 7 miles
  - Downtown, 2016 – 4 miles
  - Midtown, 2016 – 2.5 miles
  - University, 2017 – 4 miles
  - Uptown, 2017 – 7 miles
  - Twilight, 2018 – 1 mile
  - Pacific, 2019 – 2.5 miles
- Emphasis on healthy living, local businesses, live art and music
- Two 2020 events funded by LA Metro





# Events

- Bike Month (May)
  - Bike to Work Day
  - Bike to School Day
  - Community Rides
- Tour of Long Beach
- Annual Bike Counts (October)
- Youth Summer Bike Camp at Bixby Park
- Ranchos Walk



# Go Active LB - Rebranding

- Bike Long Beach is now Go Active LB – new focus on all modes of active transportation, including walking
- Launched April 2019:
  - New website on longbeach.gov with more resources and project updates
  - Email newsletter
  - Rebranded Facebook, Twitter, and a new Instagram page

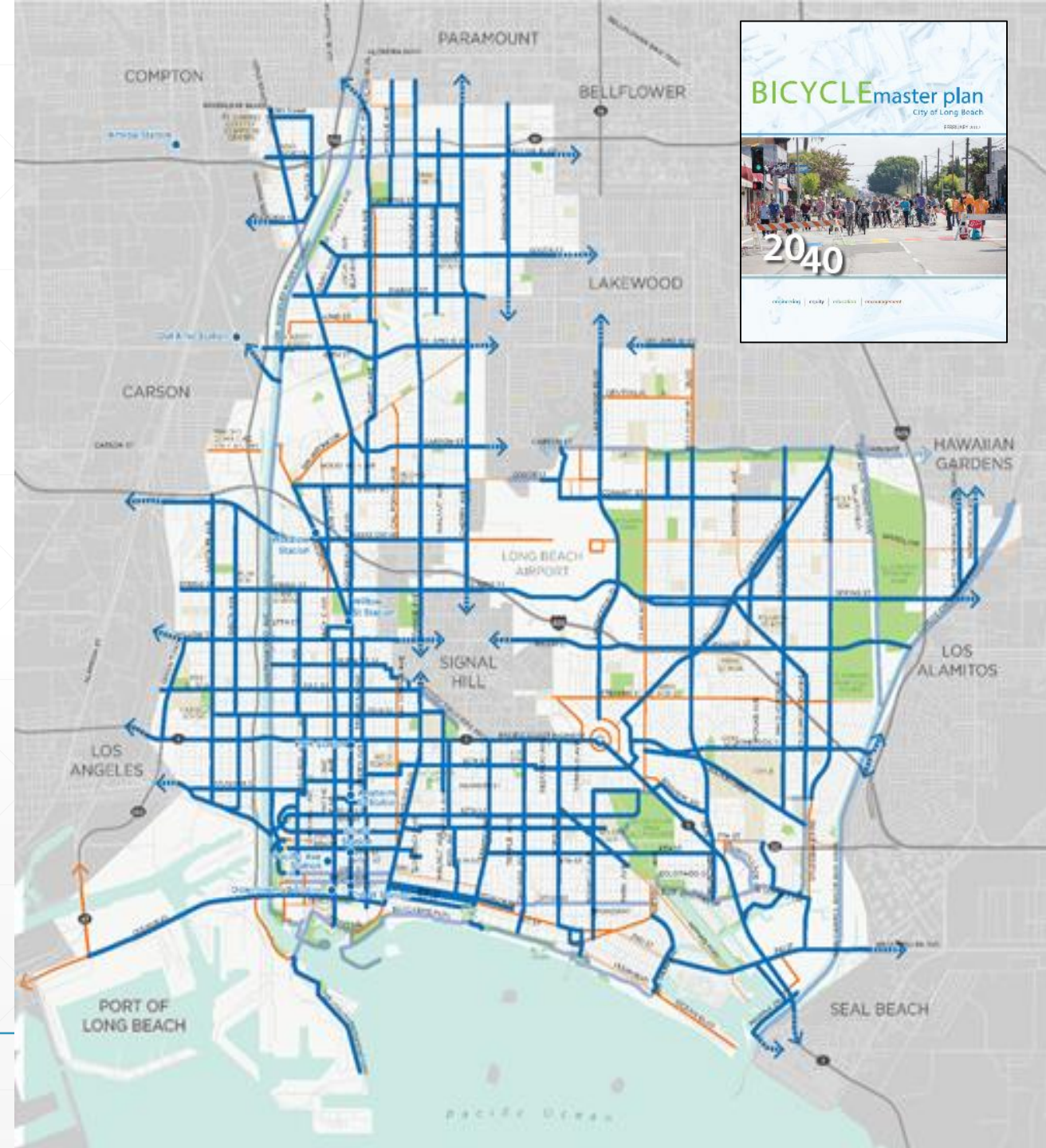




# PROJECTS

# Bicycle Master Plan

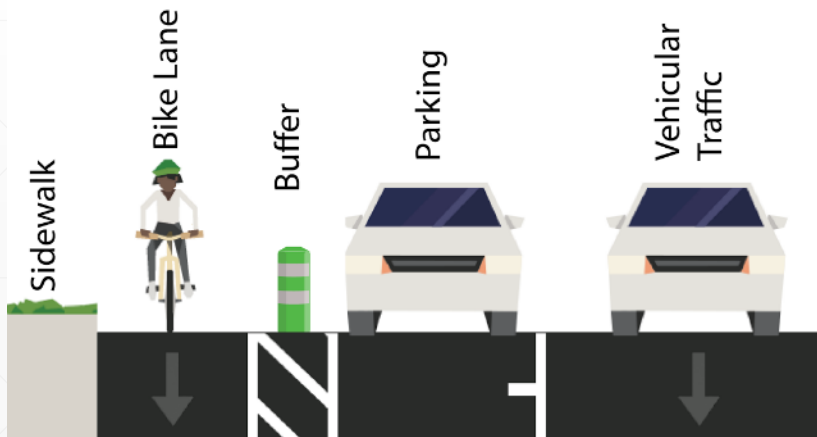
- Adopted by City Council February 2017
- Focus on equity, mode shift, sustainability and safety
- Vision to shift 30% of all trips to bicycle trips in 30 years
- 8-80 bicycle network
  - Bike boulevards
  - Protected bike lanes





# Protected Bike Lanes

- Bike lane is situated between sidewalk and vertical buffer (e.g. green bollards, on-street parking)
- Installed arterial roadways with high volumes and speeds
- Reduces bicyclist stress





# Protected Bike Lanes

## Completed Projects

- Artesia Blvd
- Studebaker Rd
- Orange Avenue
- Bellflower Blvd (Resurfacing Project)
- Broadway (Alamitos to Redondo)
- Third & Broadway Reconfiguration

## Forthcoming Projects

- Artesia Blvd (Paramount to Downey)
- Studebaker (Spring to 405)
- South Street (Atlantic to Dairy)
- Spring Street (Studebaker to ECL)
- Orange Ave – Alamitos Ave Backbone





# Bicycle Boulevards

- Reduces traffic volumes and speeding on residential streets
- Neighborhood traffic calming treatments: traffic circles, roundabouts, and bulb-outs





# Bicycle Boulevards

## Completed Projects

- Vista Avenue
- 6th Street
- Daisy Avenue

## Projects Under Construction

- 15th Street

## Funded Projects

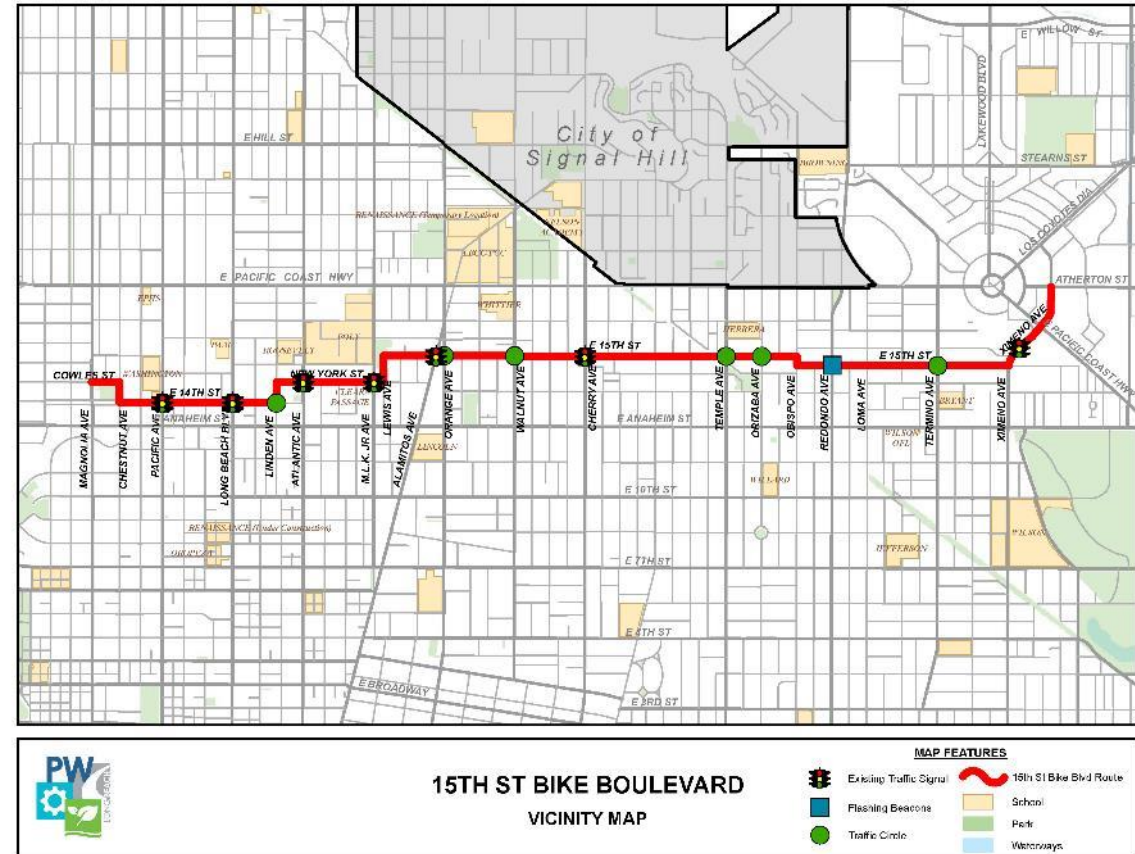
- Delta Avenue
- Loma Avenue
- 20<sup>th</sup> Street





# 15<sup>th</sup> Street Bicycle Boulevard

- Currently under construction; To be completed by October 2019
- 3.7 mile corridor
- Traffic calming treatments to mitigate speeding in neighborhoods
  - 6 new traffic circles
  - Traffic control at Redondo Ave.
- Connects to Daisy Bike Blvd, 14<sup>th</sup> Street Park, and Poly HS
- Alternative route to Anaheim St.



# Questions



**Rachel Junken, Transportation Programs Planner**  
**Department of Public Works**

# BENEFITS



# Benefits of Bicycle Infrastructure

- **Public Health** - A San Francisco Bay Area study found that increasing biking and walking from 4 to 24 minutes a day on average would reduce cardiovascular disease and diabetes by 14% and decrease GHGE by 14%. (Maizlish, N. et al 2012)
- **Air Quality** - Half of U.S. schoolchildren are dropped off at school by car. If 20% of those living within two miles of school were to bike or walk instead, it would save 4.3 million miles of driving per day. Over a year, that would prevent 356,000 tons of CO<sub>2</sub> and 21,500 tons of other pollutants from being emitted. (Pedroso, M., 2008)
- **Household Travel Costs** – Californian's spend 13% to 15% of income on transportation (Rice, 2004); Car owners in US spend \$8,469 per year on their vehicles (AAA, 2013). The average cost of owning and operating a bicycle is around \$350 (AARP, 2017)
- **Health Care Cost Savings**- A report estimated that Portland, Oregon's regional trail network saves the city approximately \$115 million per year in healthcare costs. (Beil, K., 2011)
- **Safety** - One year after the installation of the 3<sup>rd</sup> and Broadway cycle track in Downtown, bicycle and pedestrian collisions decreased by 60% and wrong way riding decreased by 30%. (FHWA & City of Long Beach, 2012)

