



# BICYCLE COALITION OF GREATER PHILADELPHIA

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*"Making bicycling a safe and fun way to get around  
for anyone in Greater Philadelphia since 1972"*

## ***Hub and Spoke:***

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How to Enhance Bicycling  
and Achieve Vision Zero



# Population Rise and Demographics





# High Percentage of Households Without Cars





# Provides Access to Jobs and Opportunity



Lora Reehing  
PHOTOGRAPHY



# Enriches Civic Life



# Philadelphia's Bike Lane Network

**Problem:** To attract more people to bike, we need to fill the gaps in Philadelphia's bike lane network and build high quality bike lanes

**Achieved:** Over 250 miles of bike lanes in Philadelphia and Mayor Kenney's commitment to install

- 15 miles of bike lanes annually
- 30 miles of protected bike lanes over 5 years

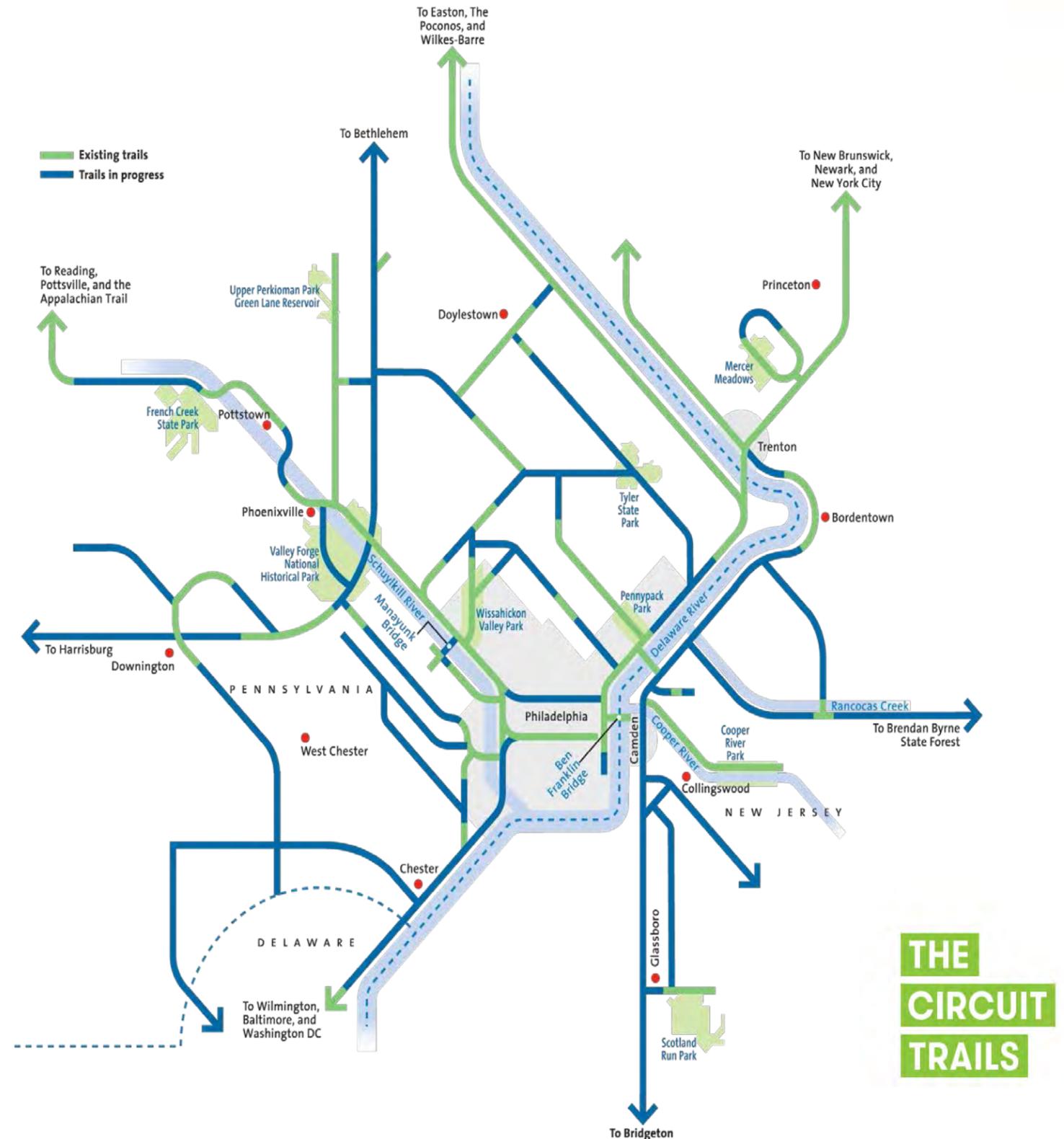
**Goal:** Philadelphia installs a “Hub & Spoke” network of high quality bike lanes around Greater Center City



# Circuit Trails

**Vision:** More than 800 miles of interconnected, multi-use trails in nine counties of New Jersey & Pennsylvania

- 334.1 miles Complete
- 74.3 miles in Progress
- 122.8 miles in the Pipeline
- 284.3 miles Planned





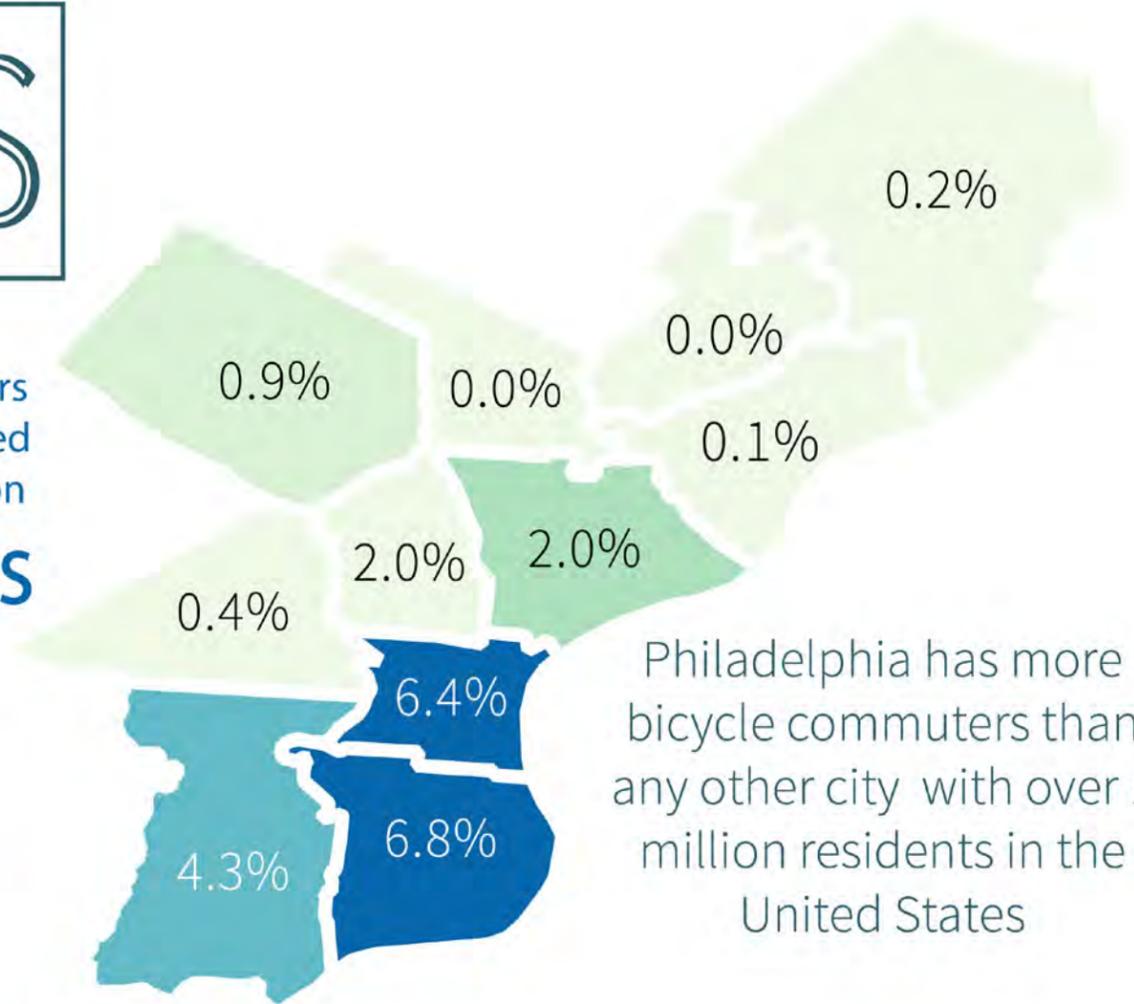
# 2017 BIKE PHL FACTS

## Influence of Infrastructure:

	sidewalk riders	wrong way riders	female riders
<b>no bike lane</b>	19.8%	2.4%	23.8%
<b>bike lane</b>	8.2%	1.3%	31.9%
<b>buffered bike lane</b>	1.9%	0.3%	36.2%

7.6% of riders counted were on Indego bikes

women represent 34% of all bicyclists in Philadelphia



OVER THE PAST 5 YEARS...



14% increase in bicyclists



14% increase in helmet usage



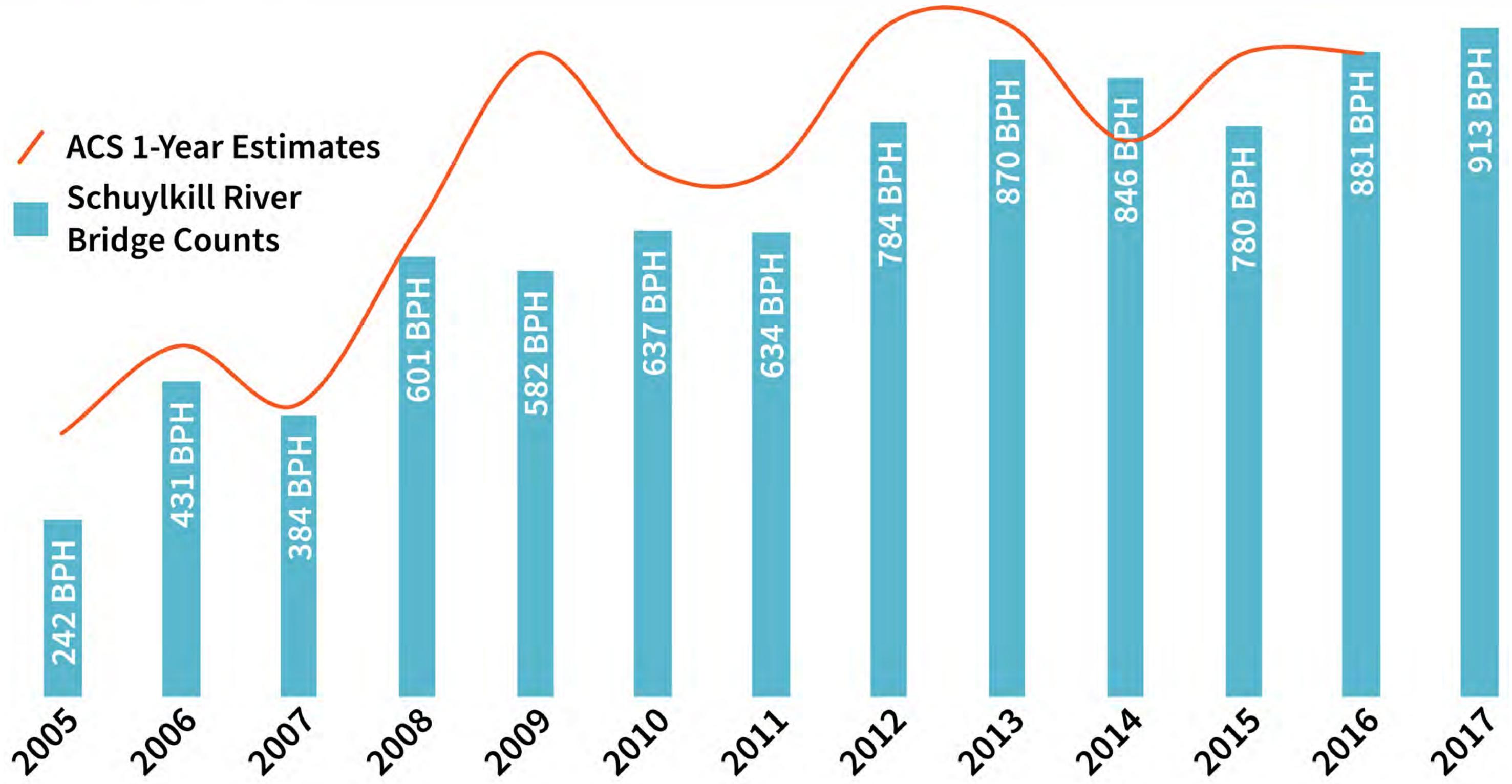
27% decrease in sidewalk riding



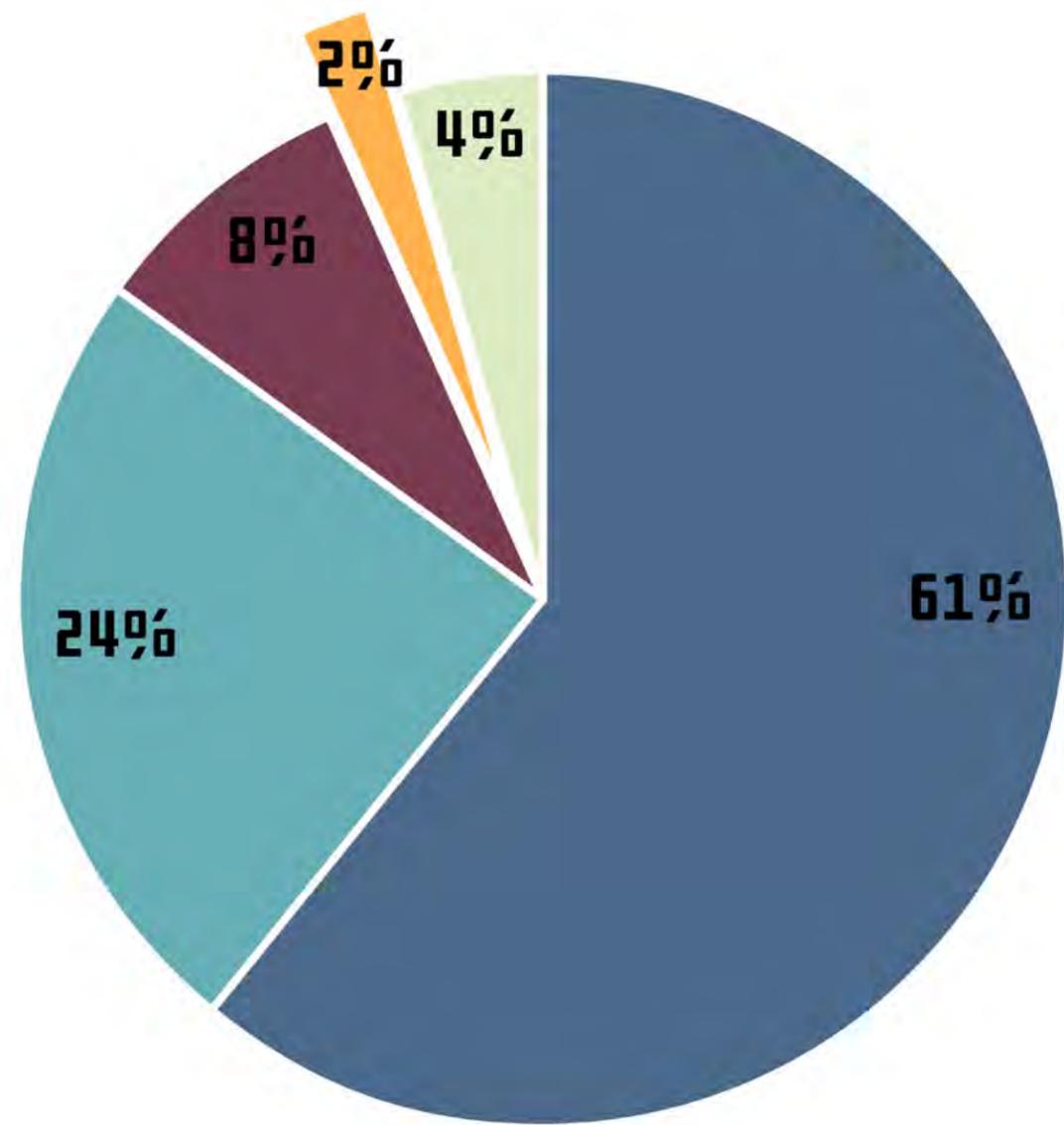
44% decrease in wrong way riding



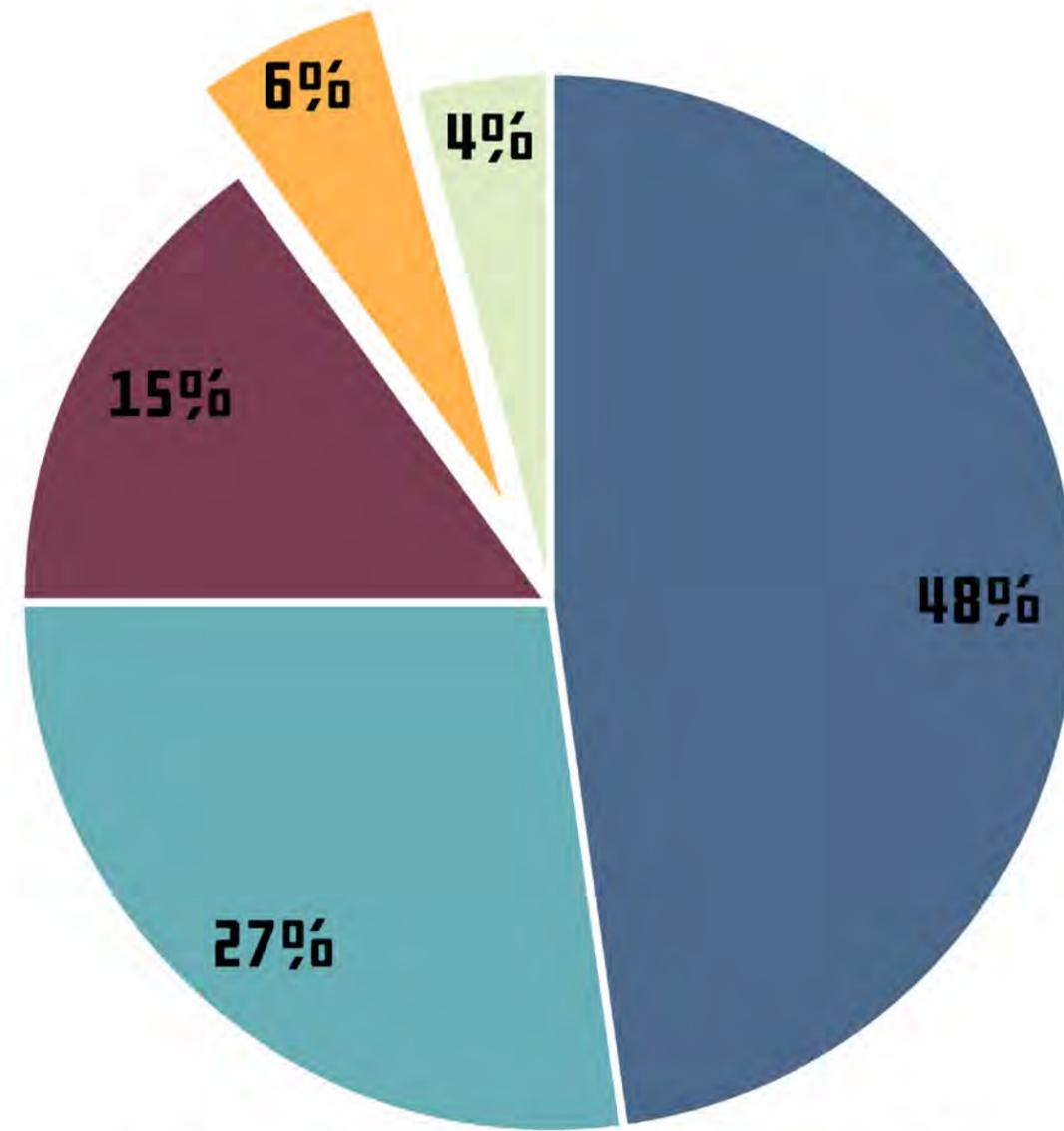
# BCGP Bike Counts and the Census ACS



# Commuting Modes – Philadelphia County



**2016**



**GOAL MODE SHARE**



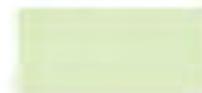
**BIKE**



**WALK**



**TRANSIT**

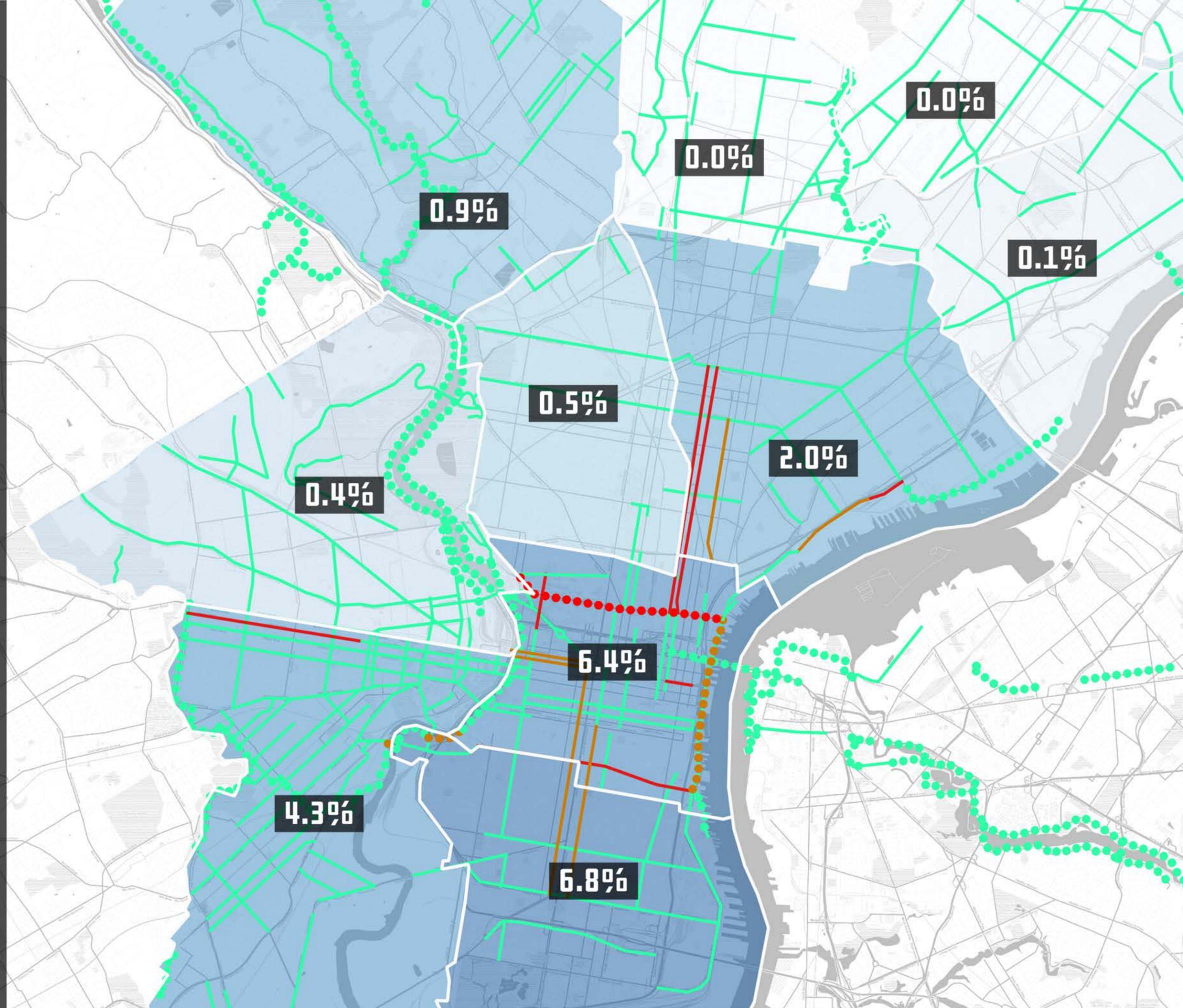


**WORK FROM HOME**

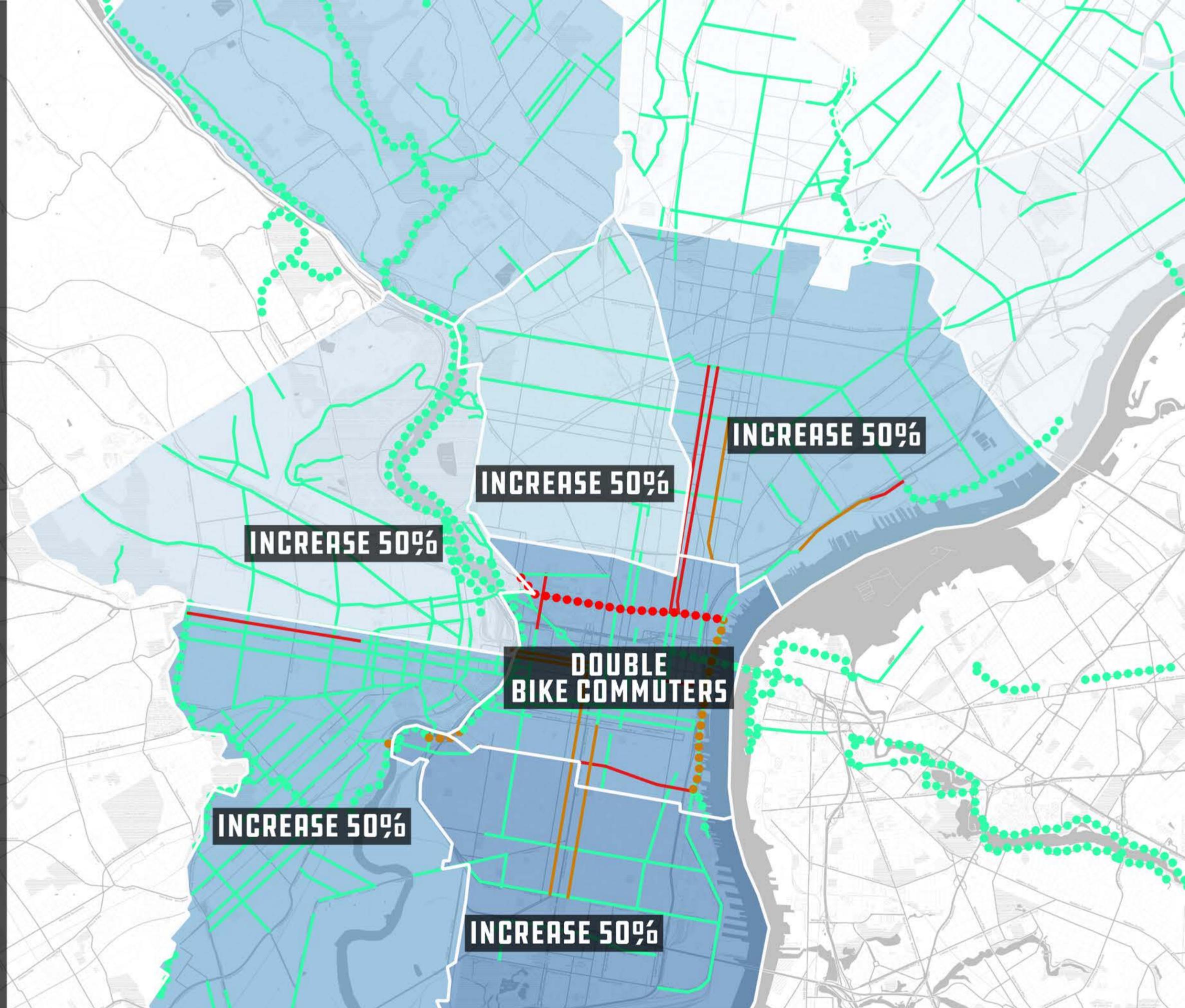


**MOTOR VEHICLE**

**2.2%**  
CURRENT CITY-WIDE  
MODE SHARE



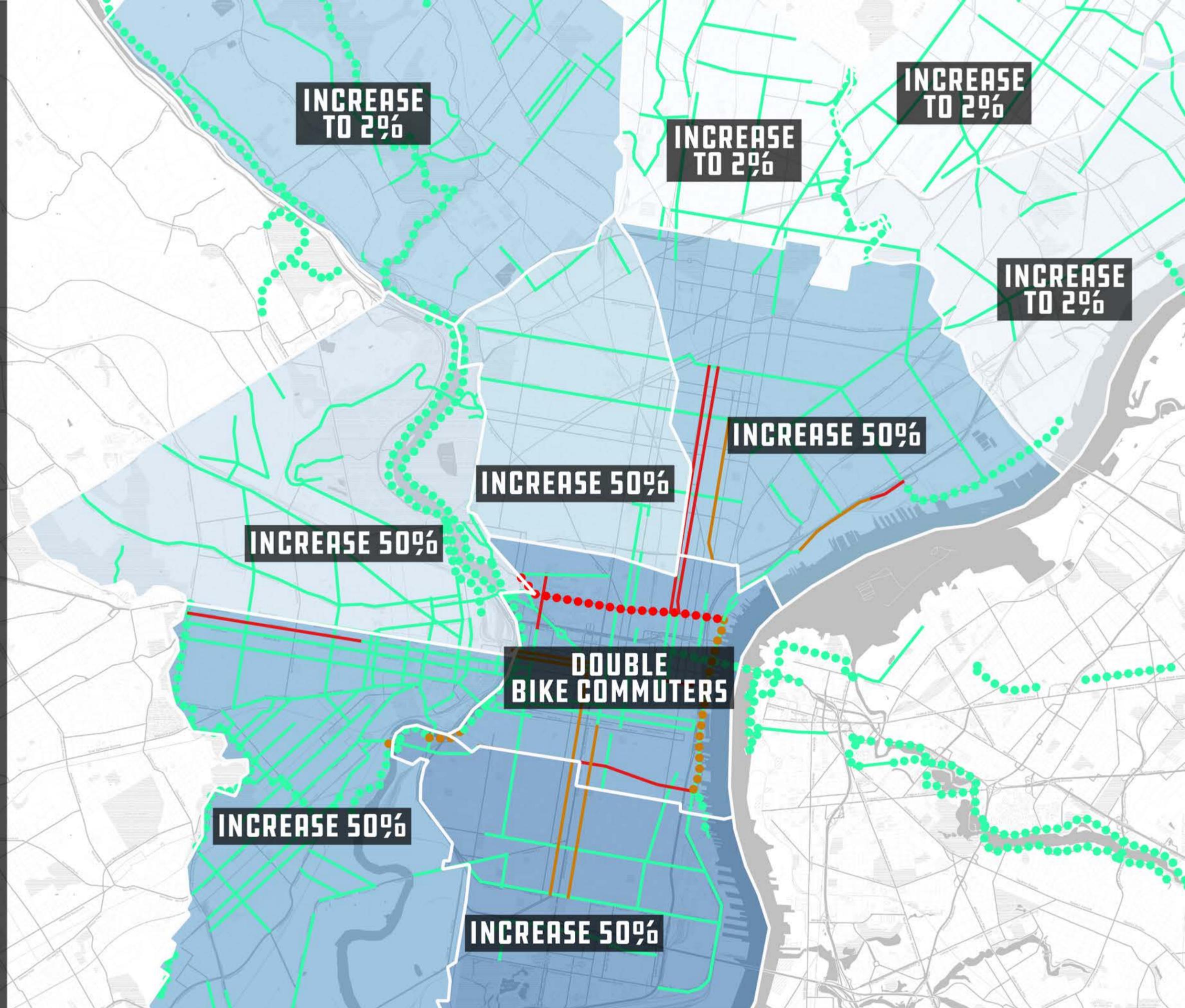
**2.2%**  
CURRENT CITY-WIDE  
MODE SHARE  
**+**  
**2%**  
FROM CENTER CITY  
& ADJACENT AREAS



**2.2%**  
CURRENT CITY-WIDE  
MODE SHARE

**+**  
**2%**  
FROM CENTER CITY  
& ADJACENT AREAS

**+**  
**2%**  
FROM OUTLYING  
NEIGHBORHOODS

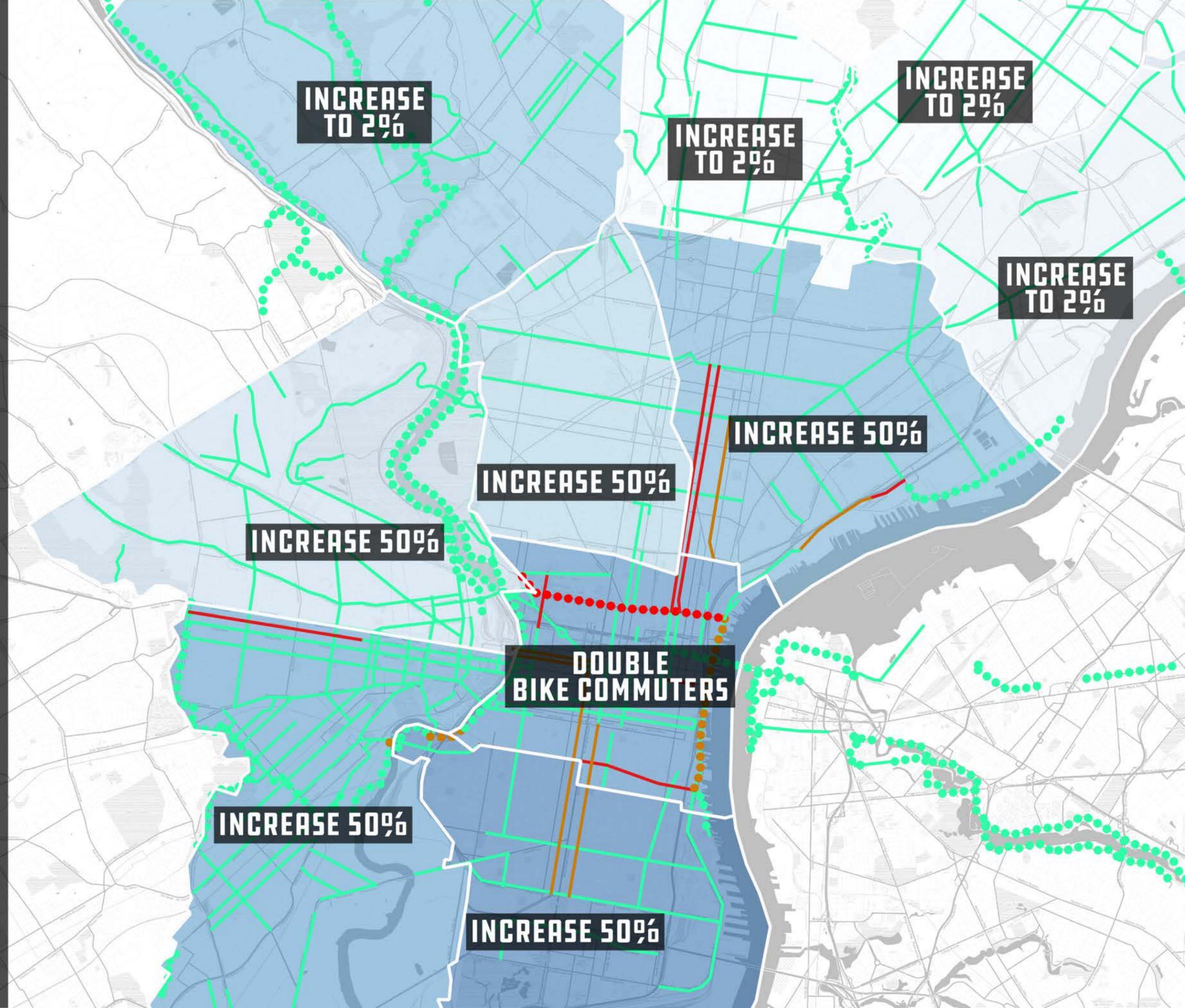


**2.2%**  
CURRENT CITY-WIDE  
MODE SHARE

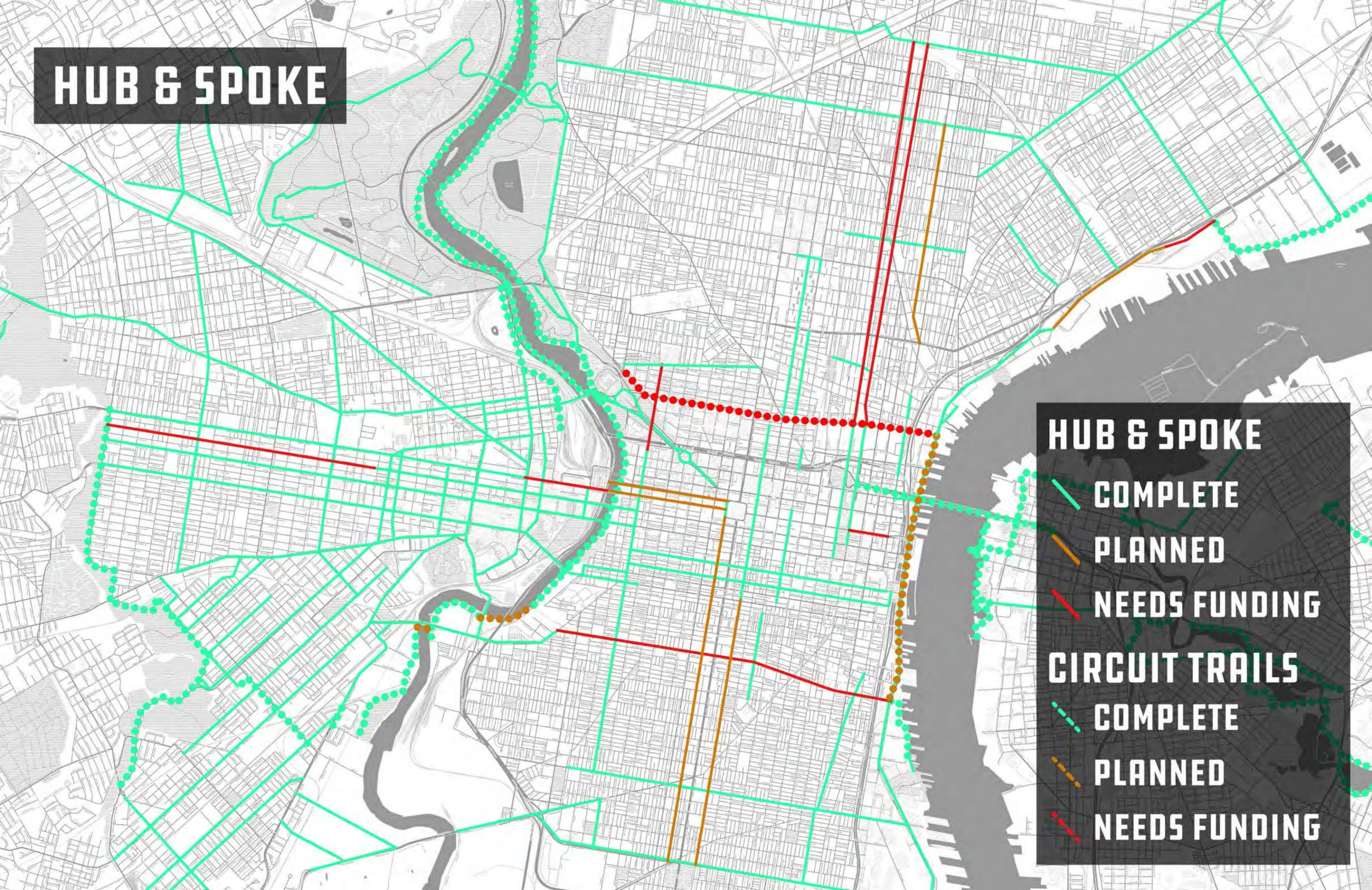
**+**  
**2%**  
FROM CENTER CITY  
& ADJACENT AREAS

**+**  
**2%**  
FROM OUTLYING  
NEIGHBORHOODS

**=**  
**6%**  
CITY-WIDE GOAL  
MODE SHARE



# HUB & SPOKE



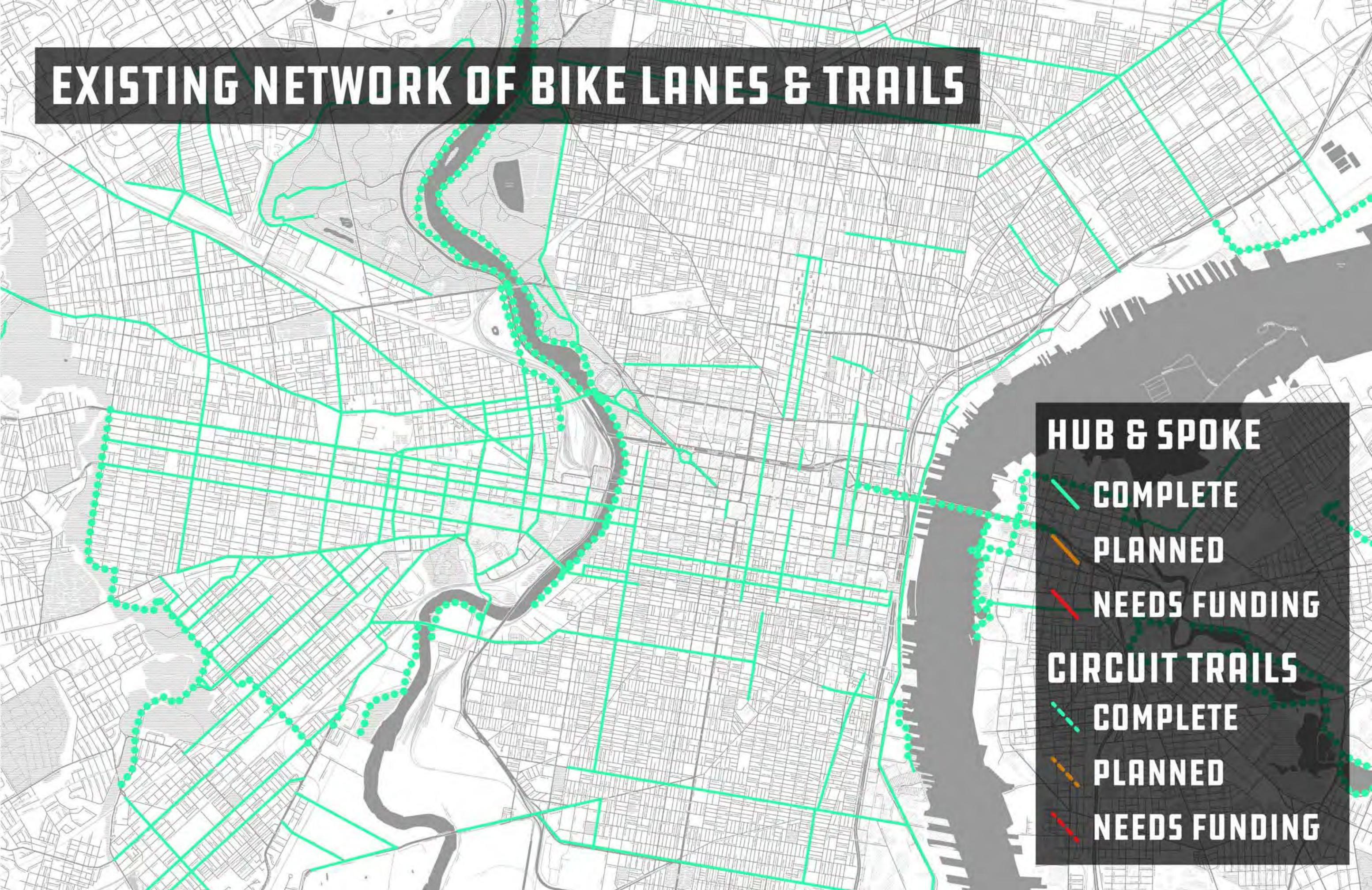
**HUB & SPOKE**

- COMPLETE
- PLANNED
- NEEDS FUNDING

**CIRCUIT TRAILS**

- COMPLETE
- PLANNED
- NEEDS FUNDING

# EXISTING NETWORK OF BIKE LANES & TRAILS



## HUB & SPOKE

COMPLETE

PLANNED

NEEDS FUNDING

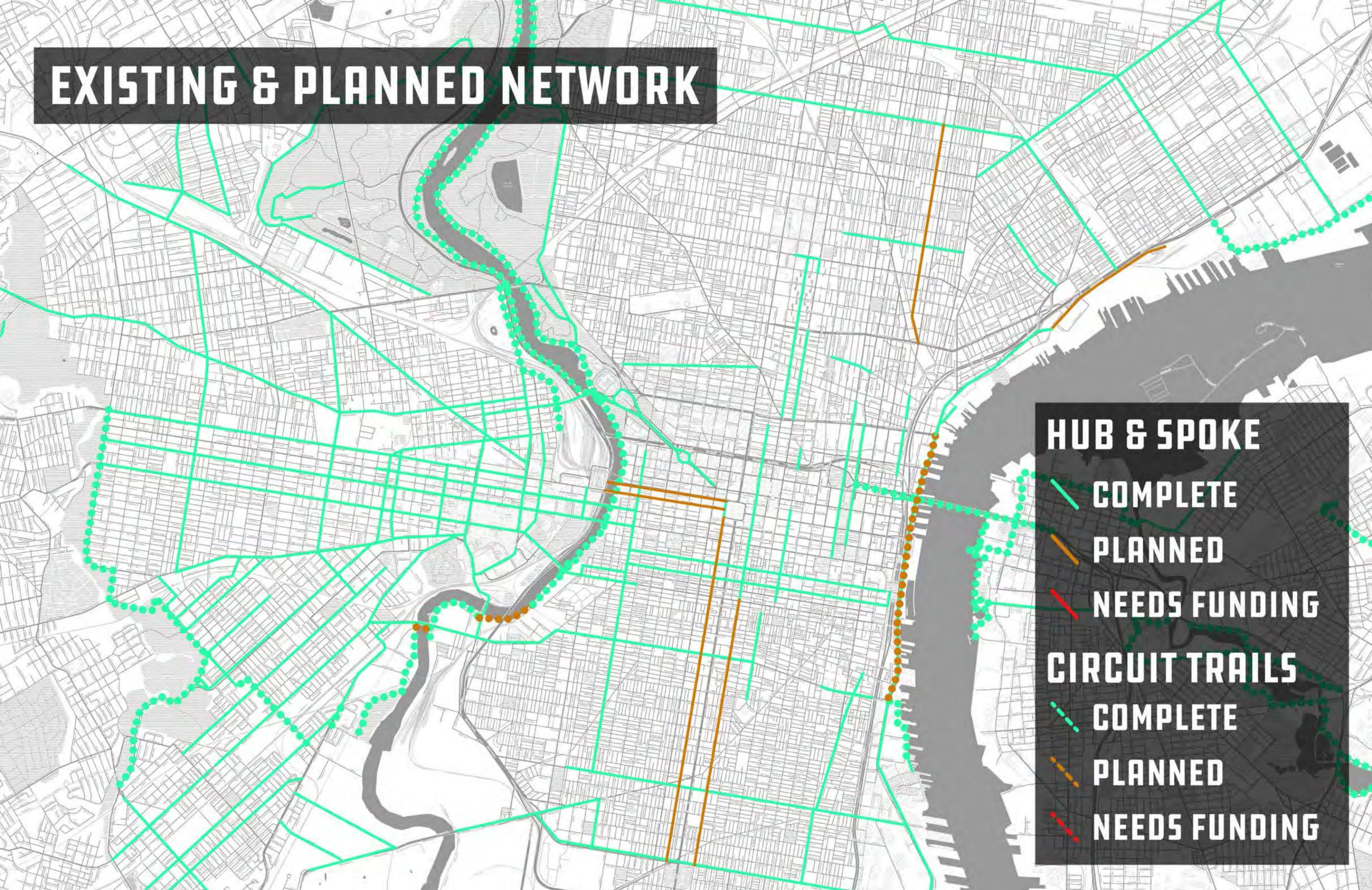
## CIRCUIT TRAILS

COMPLETE

PLANNED

NEEDS FUNDING

# EXISTING & PLANNED NETWORK



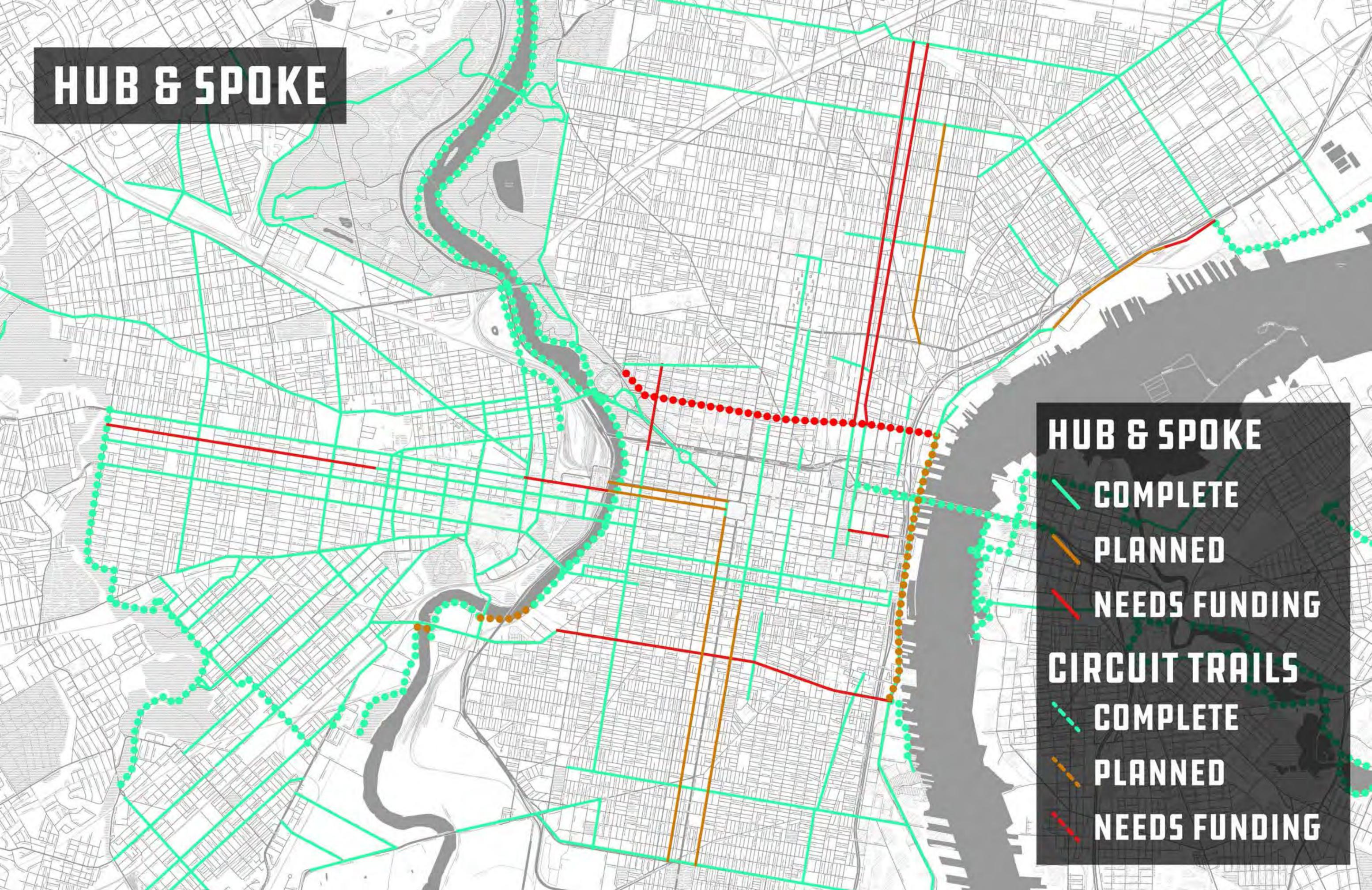
**HUB & SPOKE**

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**CIRCUIT TRAILS**

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# HUB & SPOKE



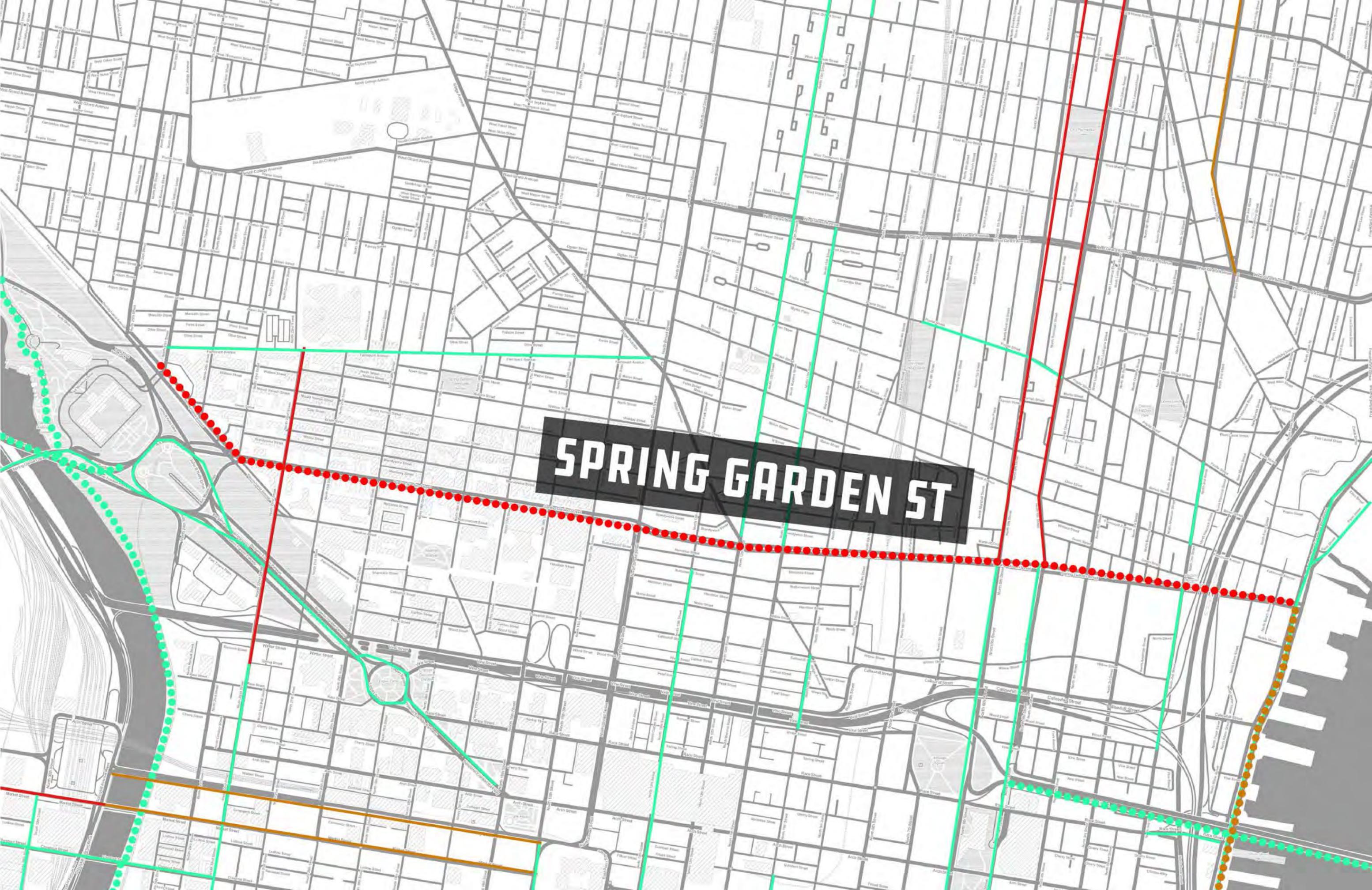
## HUB & SPOKE

- COMPLETE
- PLANNED
- NEEDS FUNDING

## CIRCUIT TRAILS

- COMPLETE
- PLANNED
- NEEDS FUNDING

# SPRING GARDEN ST





# Spring Garden Street Greenway



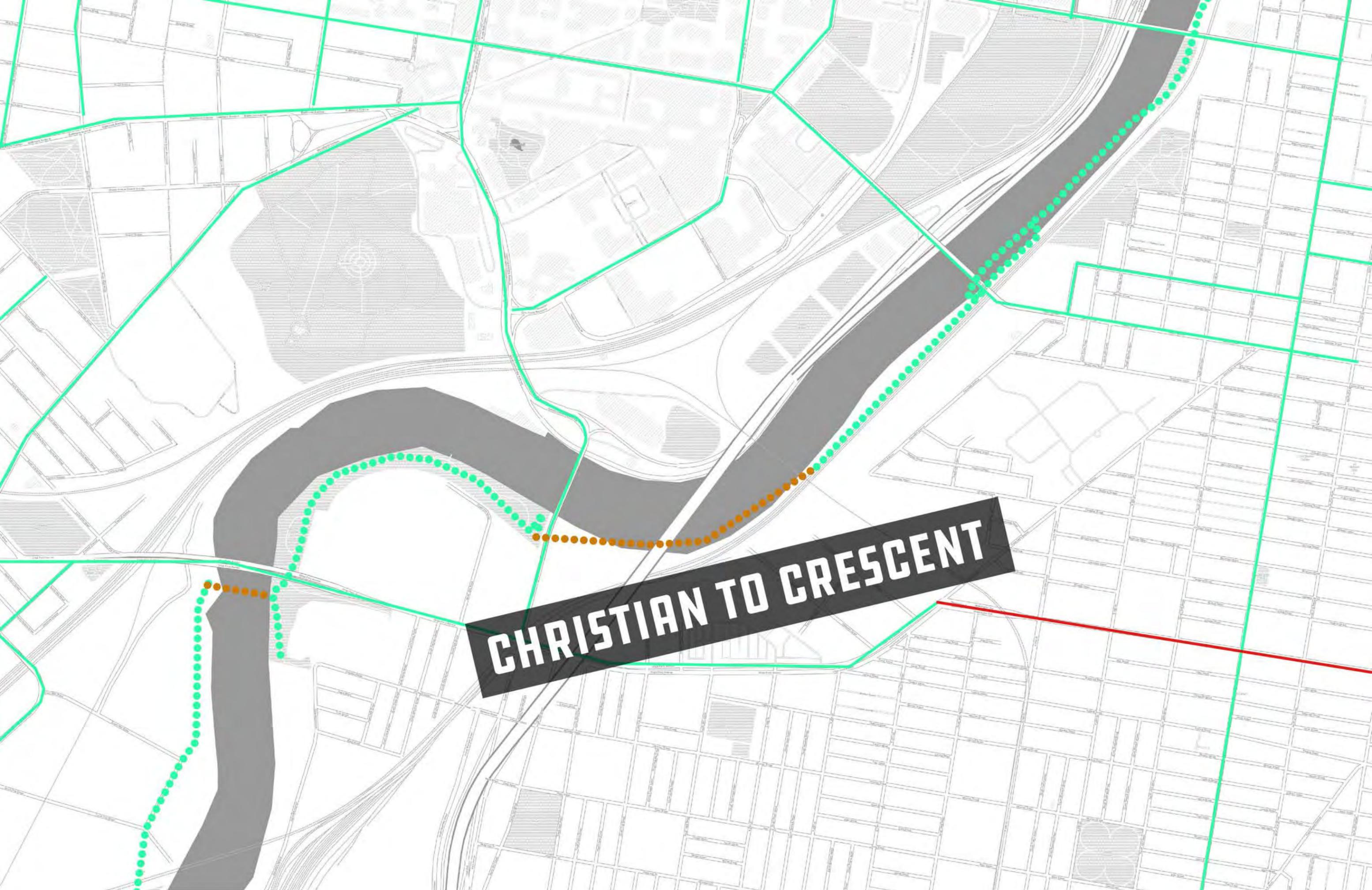
# WASHINGTON AVE





# Washington Avenue





**CHRISTIAN TO CRESCENT**



# Christian to Crescent Connector



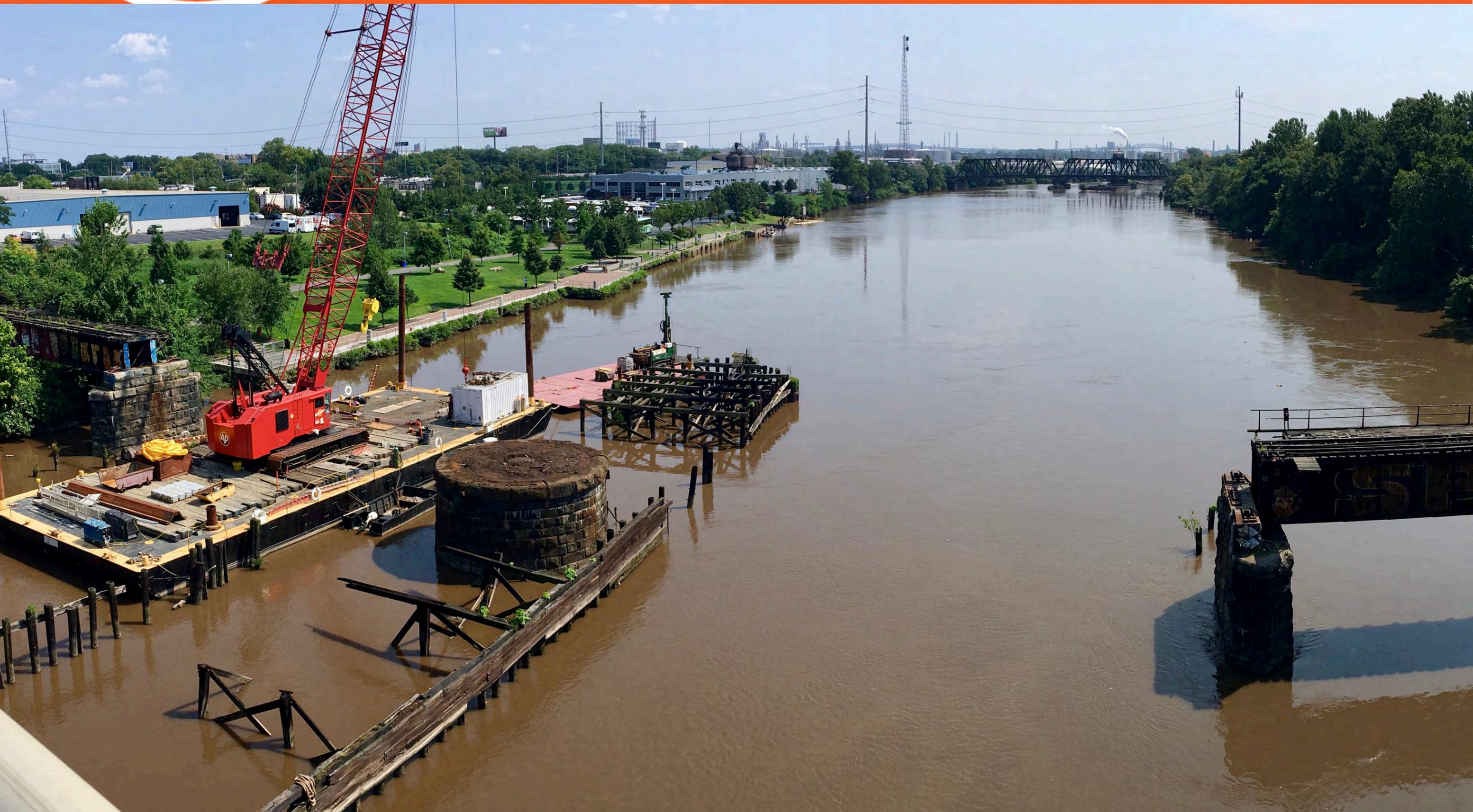


# Swing Bridge

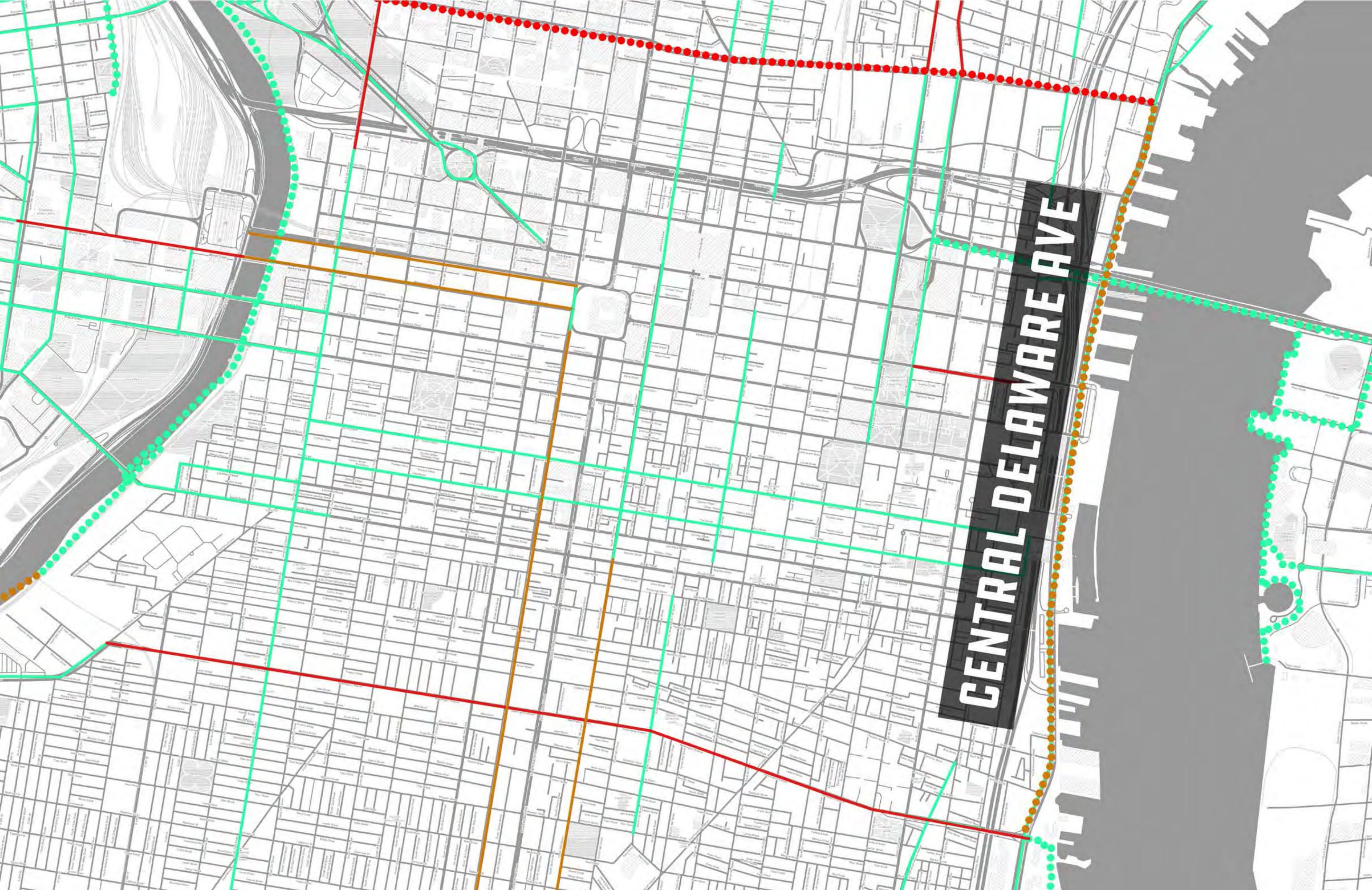




# Swing Bridge



# CENTRAL DELAWARE AVE

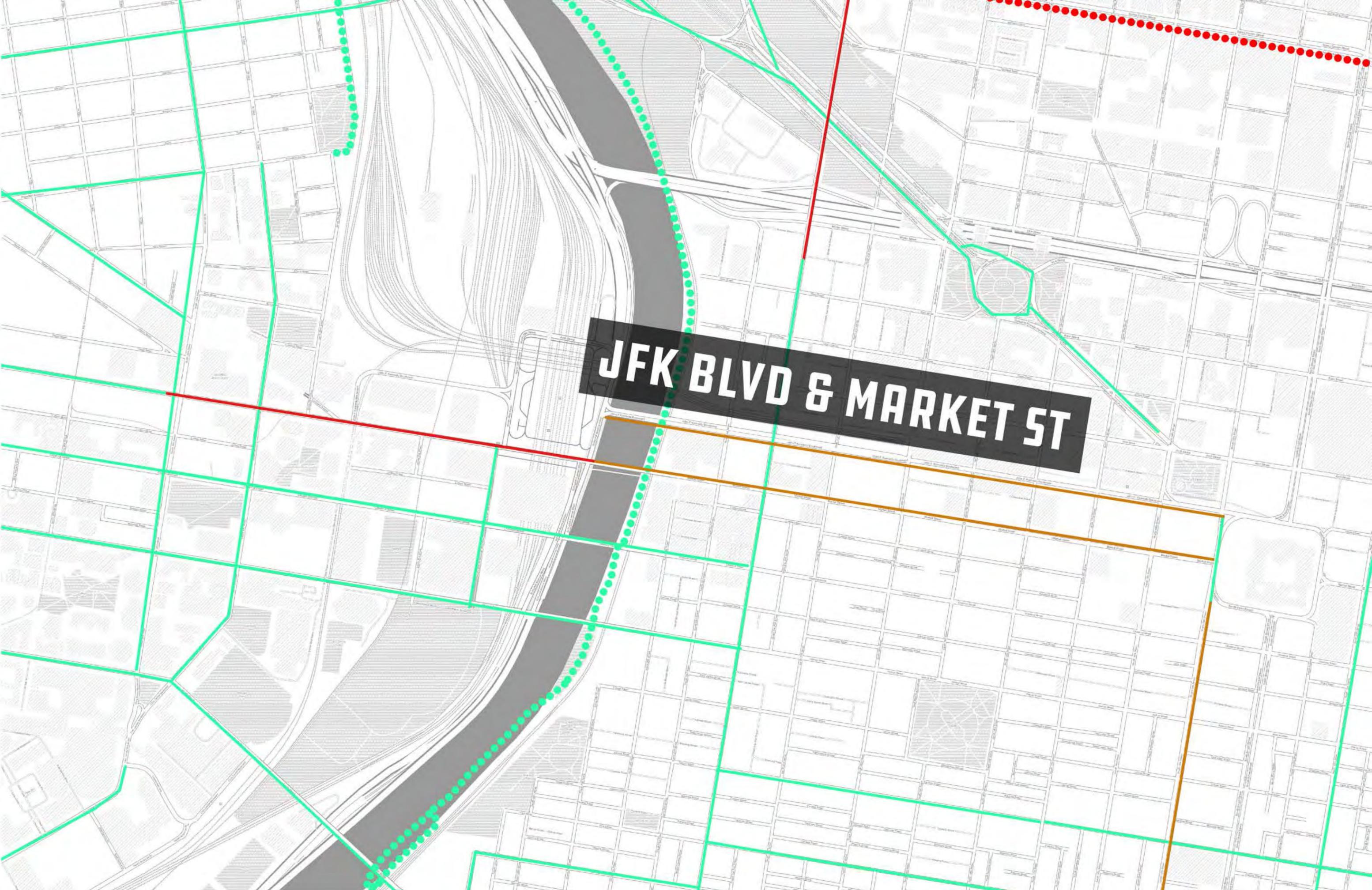




# Central Delaware Trail



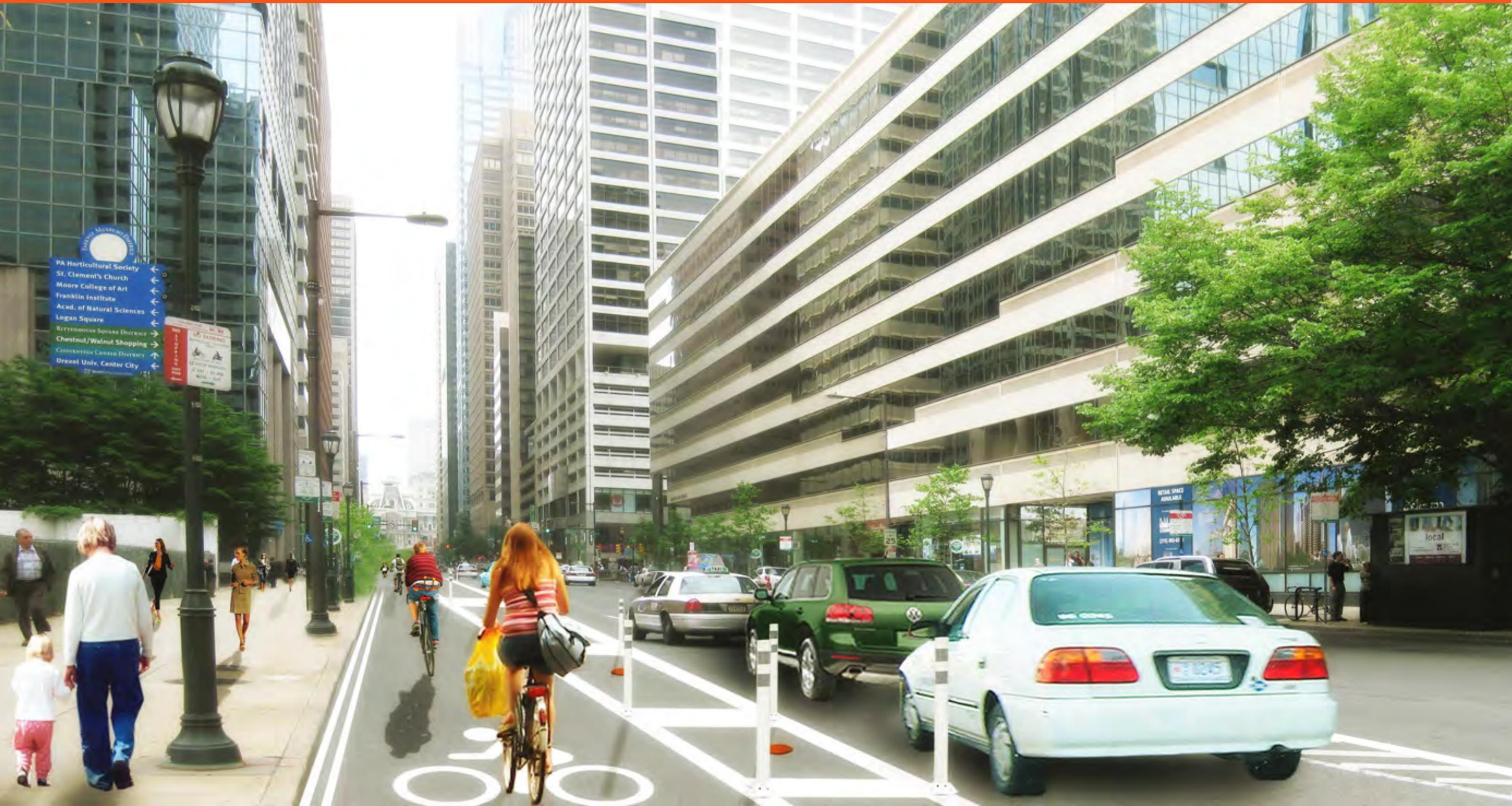
Birdseye view South of Penn Street at Columbus Boulevard



**JFK BLVD & MARKET ST**

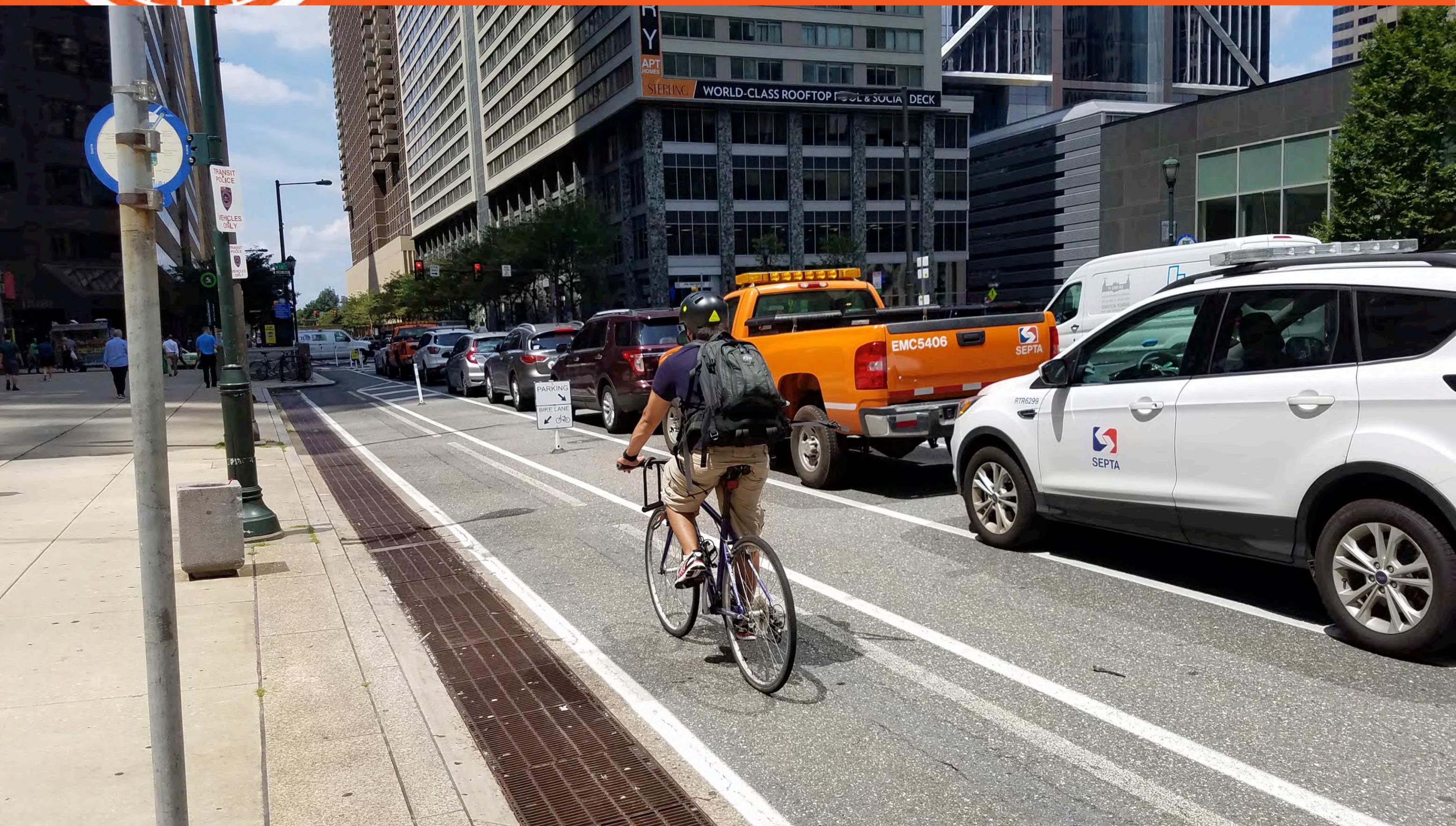


# JFK & Market Street

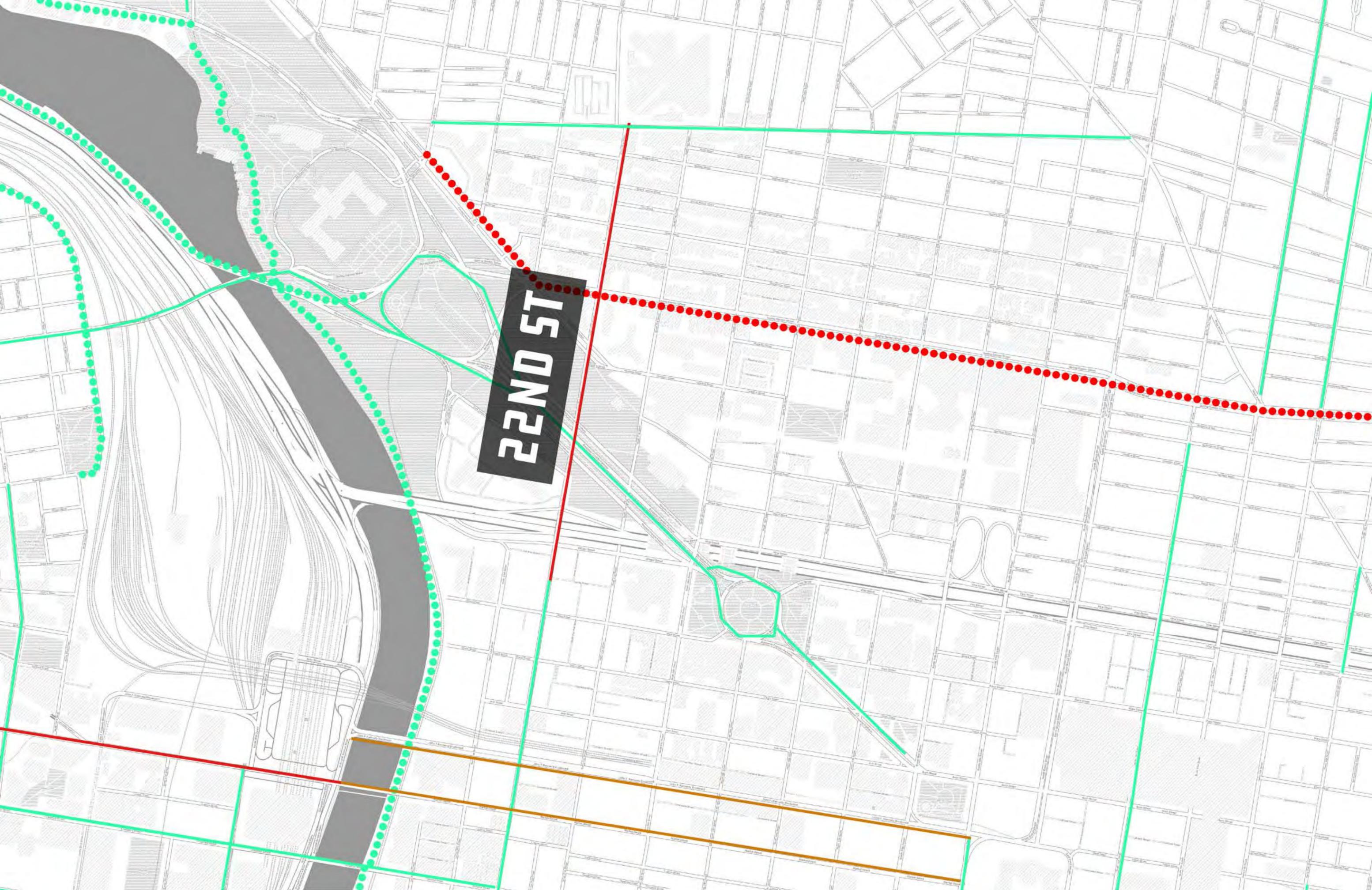




# JFK & Market Street



22ND ST





# 22<sup>nd</sup> Street



**WEST CHESTNUT ST**

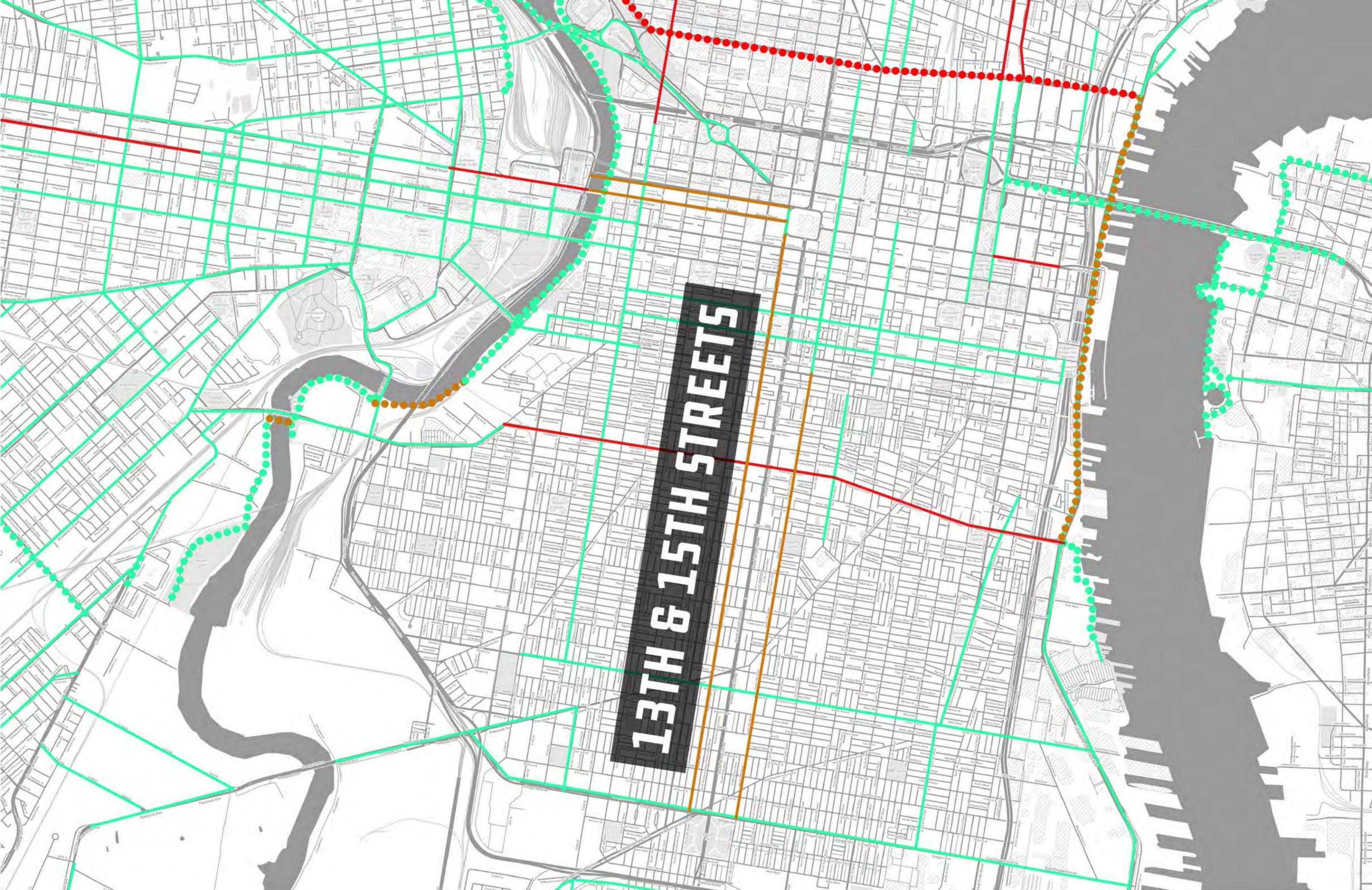




# West Chestnut Street



# 13TH & 15TH STREETS





# 13<sup>th</sup> & 15<sup>th</sup> in South Philly





# 13<sup>th</sup> & 15<sup>th</sup> in South Philly



# EAST MARKET ST

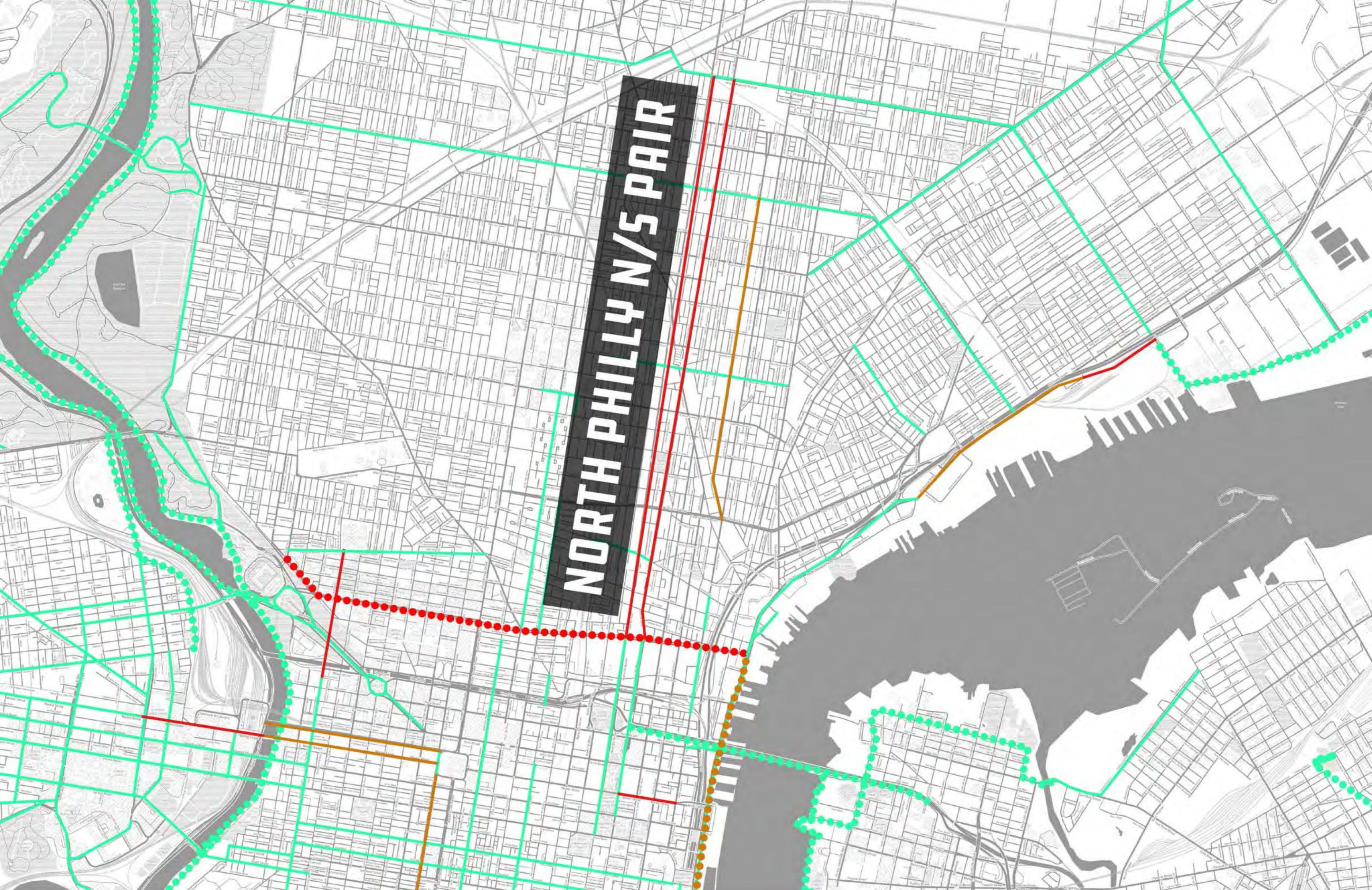




# East Market Street



# NORTH PHILLY N/S PAIR





# American Street



# NORTH DELAWARE





# North Delaware Trail





**Problem:** 100 people die in Philadelphia in traffic crashes annually

[Donate](#)[Subscribe](#)[ride your bike](#)[our campaigns](#)[get involved](#)[about us](#)[victories](#)[calendar](#)[blog](#)

# Tracking Traffic Violence

## A Database to Document Philadelphia's Traffic Fatalities

Too many people die in vehicular crashes in Philadelphia. This page tracks traffic fatalities in the City of Philadelphia in real time and historically (2016, 2017) to increase awareness inspire action. [Click here to add your name and support Vision Zero in Philadelphia!](#)

### 2018 FATALITIES



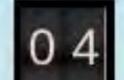
Hit & Runs



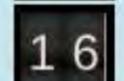
Pedestrian



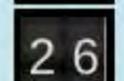
Bicyclist



Motorcyclist/Scooter



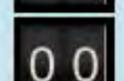
Driver



Passenger



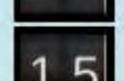
Disabled



Senior



Roosevelt Blvd



### Children & Youth



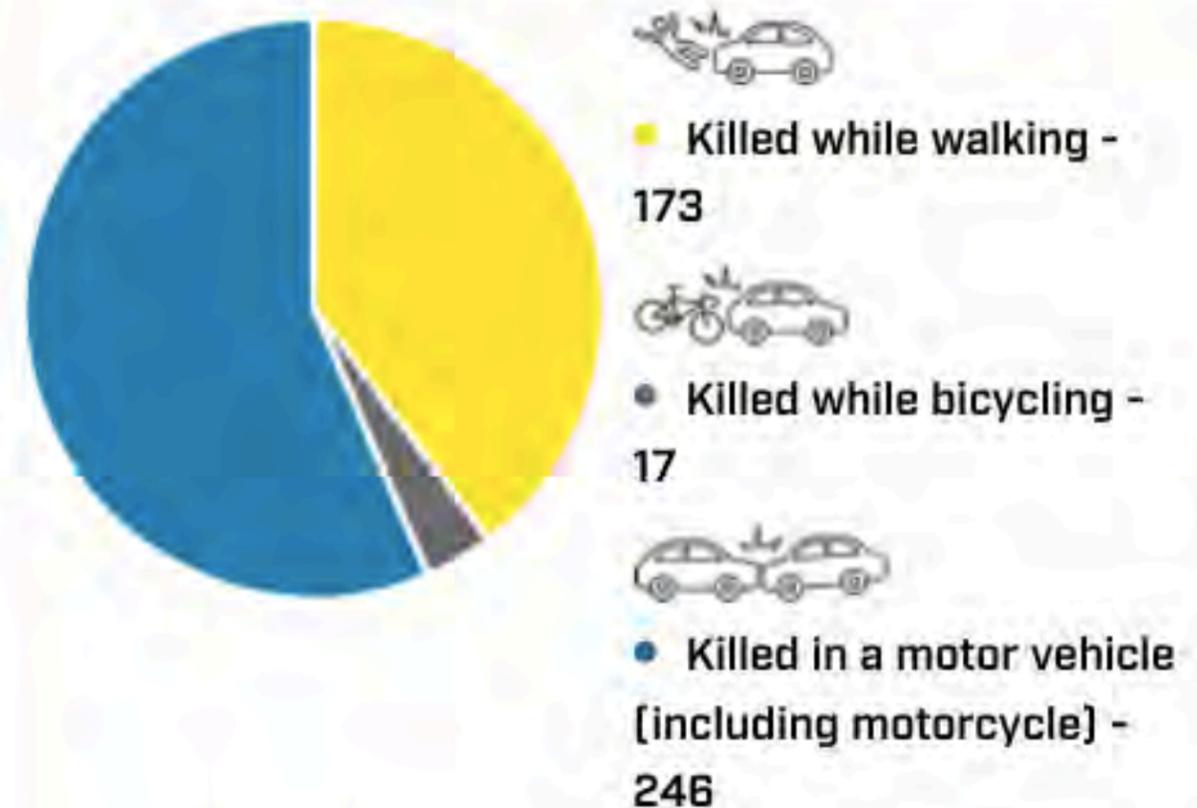


## PEOPLE INVOLVED IN CRASHES



PennDOT (2012-2016); excludes interstates

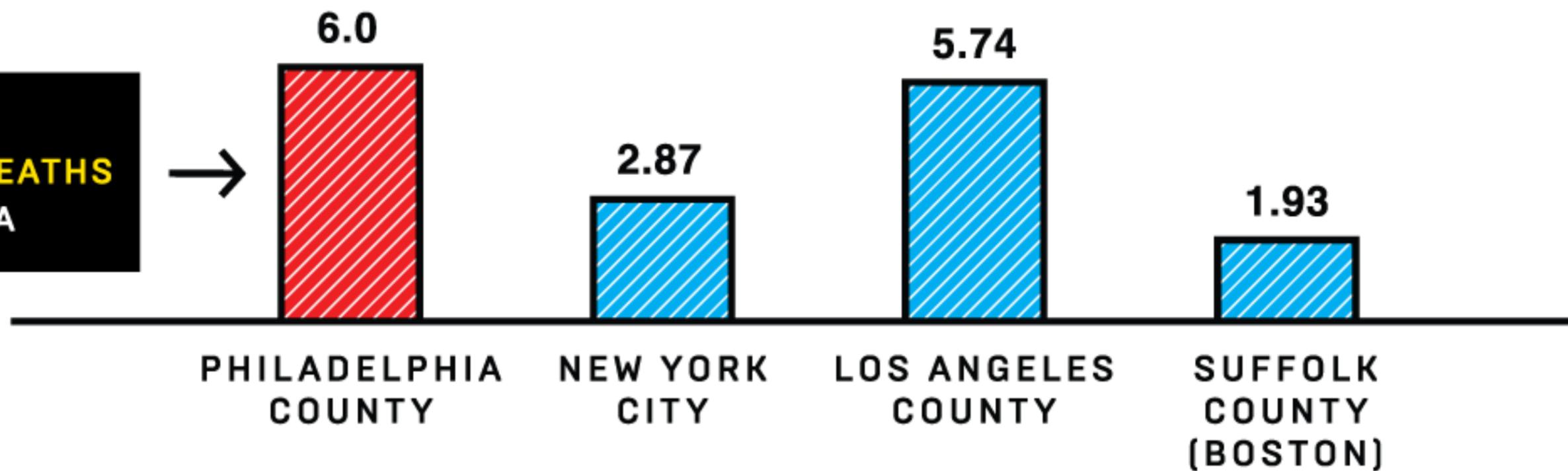
## PEOPLE KILLED IN CRASHES



PennDOT (2012-2016); excludes interstates



HIGHEST  
TRAFFIC DEATHS  
PER CAPITA











**Achieved:** Bicycle Coalition and Better Mobility Coalition urges adoption of policy and new Complete Streets Director position during 2015 mayoral election

**Achieved:** Executive Order signed by Mayor Jim Kenney in Fall 2016

**Achieved:** Vision Zero Task Force issues 3 year Action Plan September 2017 & Progress Report in Fall 2018

**Achieved:** State Legislation authorizing automated enforcement on Roosevelt Boulevard

**Achieved:** New Protected bike lanes





# Goal: Philadelphia installs a “Hub & Spoke” network of high quality bike lanes around Greater Center City

## Bus Lane

Dedicate lane for buses

## Crosswalks

Add crosswalks where pedestrians want to cross

## Lane Designation

Clarify who belongs where

## Pedestrian Safety Islands

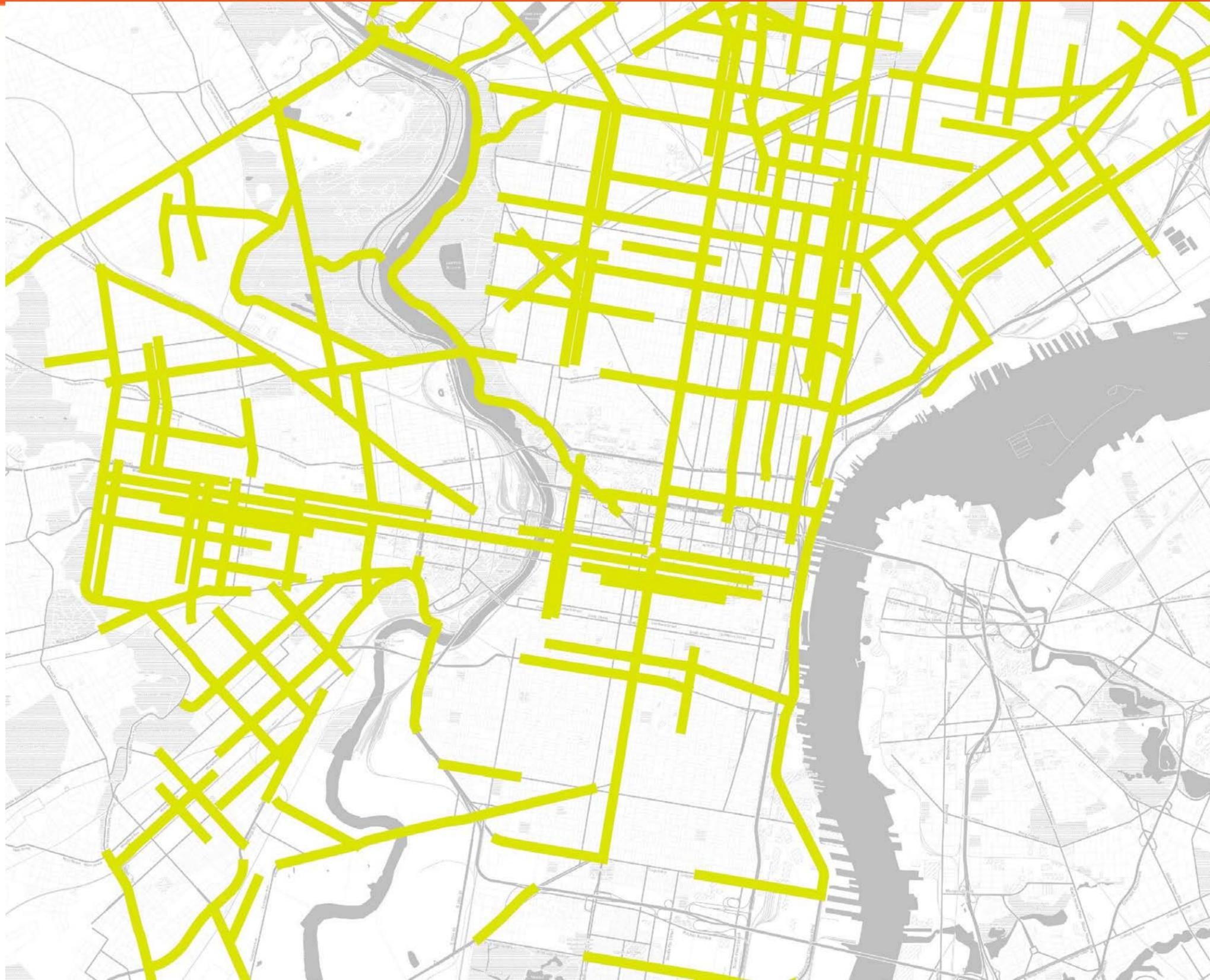
Shorten the crossing distance

## Parking Protected / Buffered Bicyclist Lane

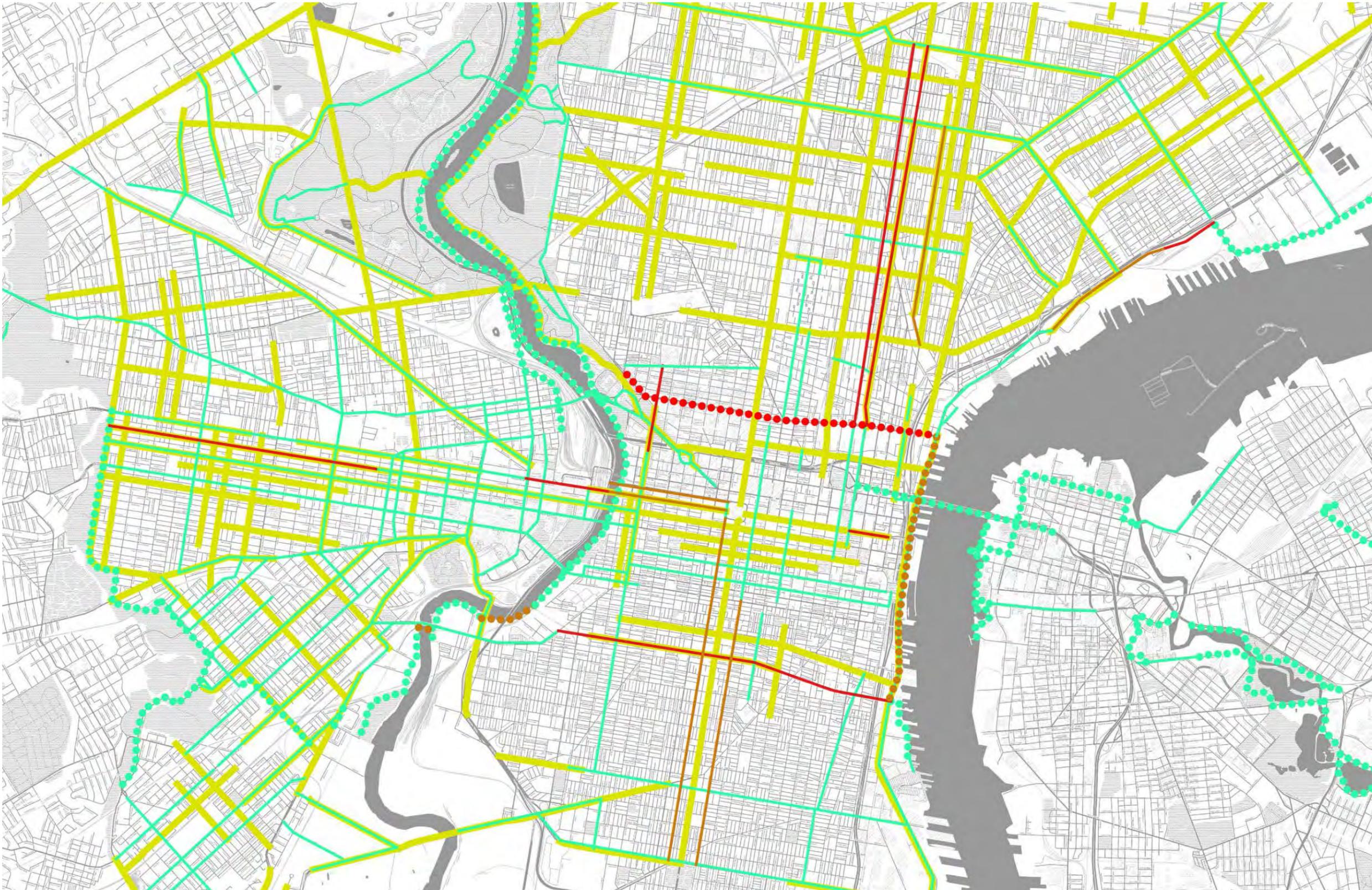
Provide greater separation between users reducing conflict



# High Injury Network



# High Injury Network and Hub & Spoke





## Hub & Spoke:

Building Philadelphia's High Quality Bike Infrastructure to Attract All Ages to Bike **and** to Reach Vision Zero





# **Bikes Lanes & Bike Lash**



2009











2017-2018









More details on our goals can be found in our 2017-2020 [strategic plan](#) on [bicyclecoalition.org](http://bicyclecoalition.org)