

OFF THE ROAD: EXPLORING PHILADELPHIA'S BIKE PARKING

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PRESENT CONDITIONS

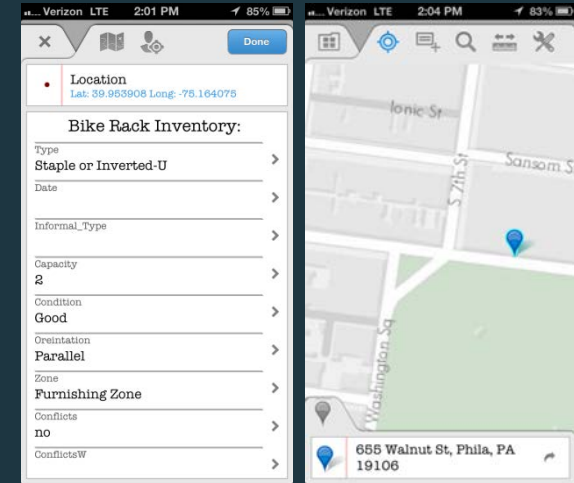


OBJECTIVES & METHODS

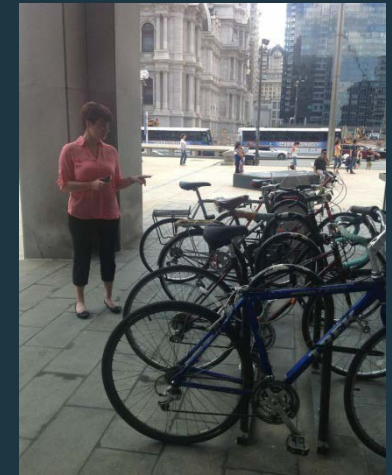
Research Questions:

- (1) How can we assess the demand for bicycle parking in Philadelphia?
- (2) Based on our survey system is public demand for bicycle parking being met?

ArcGIS Phone Application

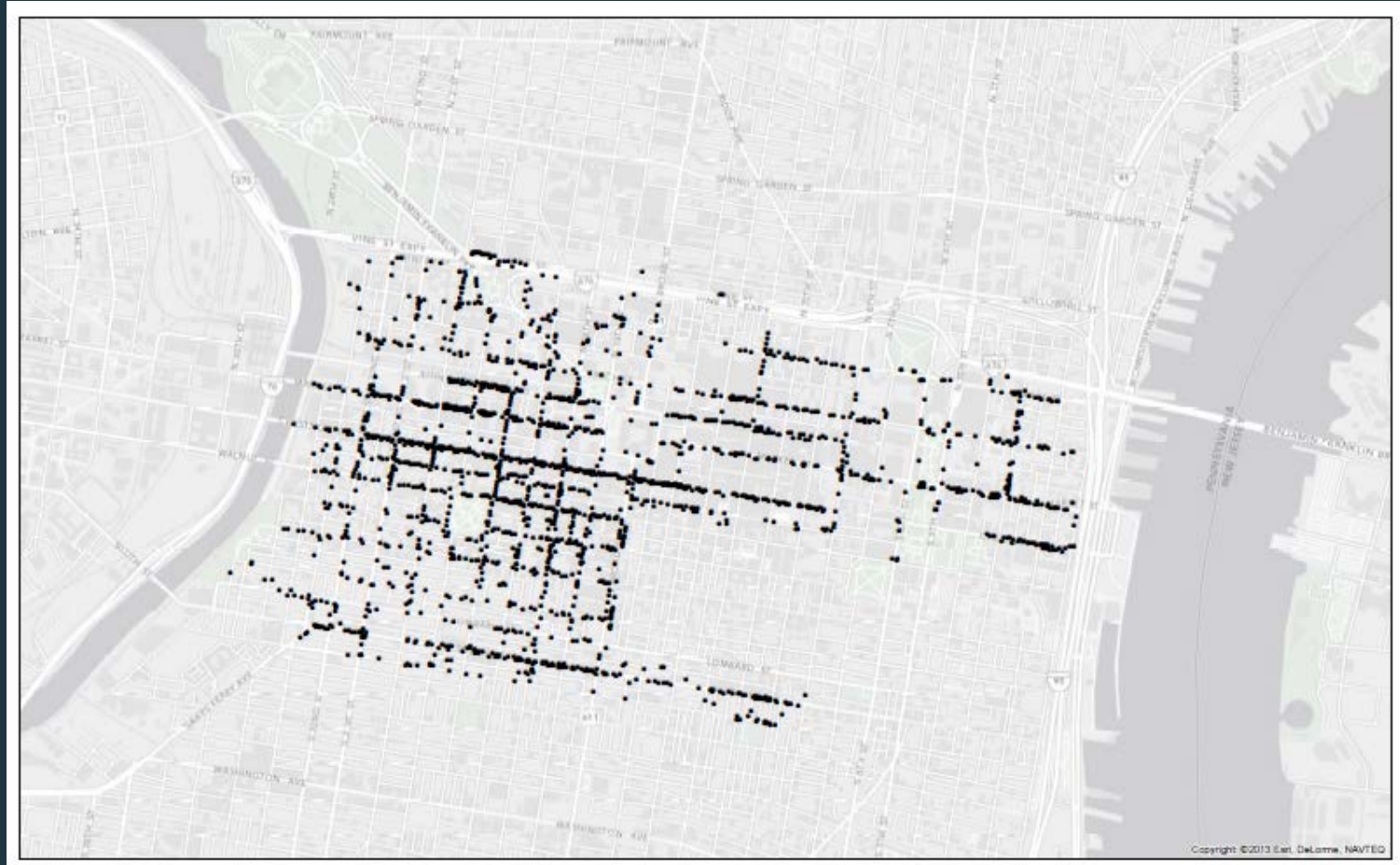


Surveying in the Field



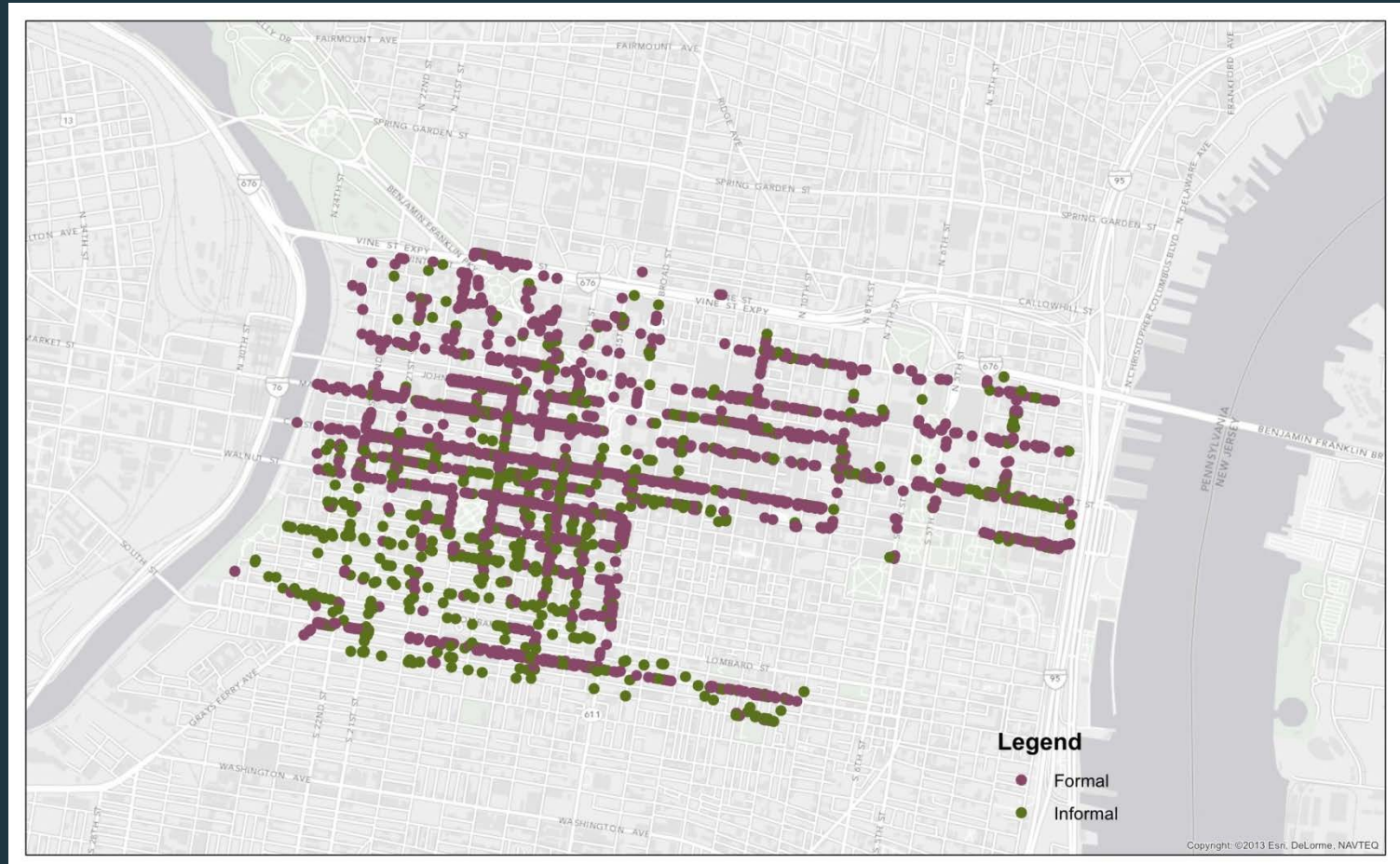
COLLECTED DATA

All Surveyed Formally and Informally Parked Bikes



COLLECTED DATA

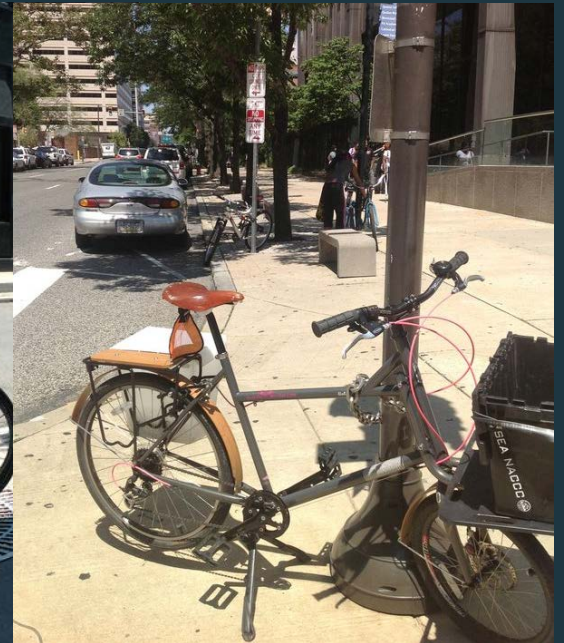
Distribution of Formal and Informal Bike Parking



FORMAL PARKING

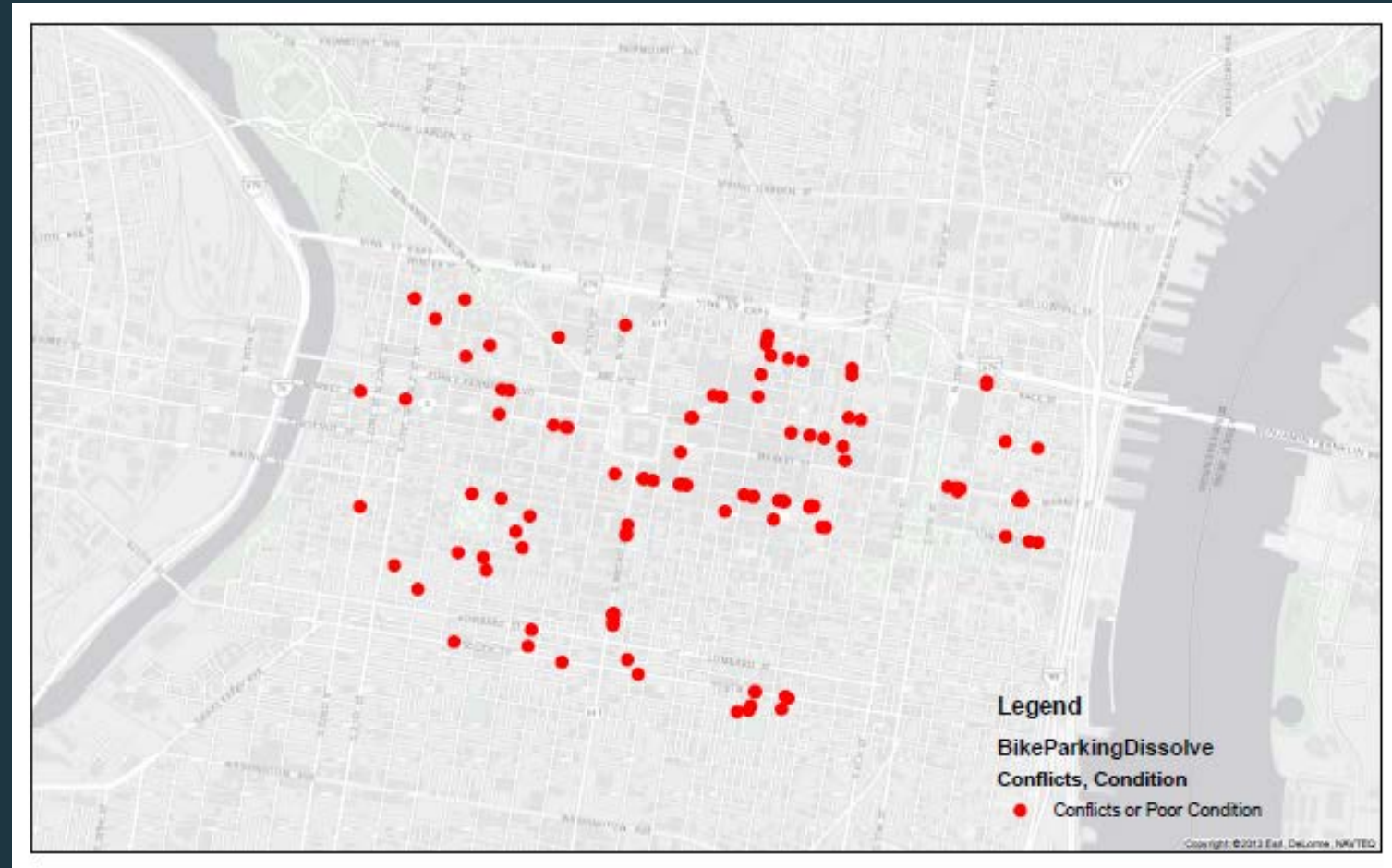


INFORMAL PARKING



COLLECTED DATA

Problematic Bike Parking— Spatial Conflicts and Poor Condition



PLACEMENT CONFLICT

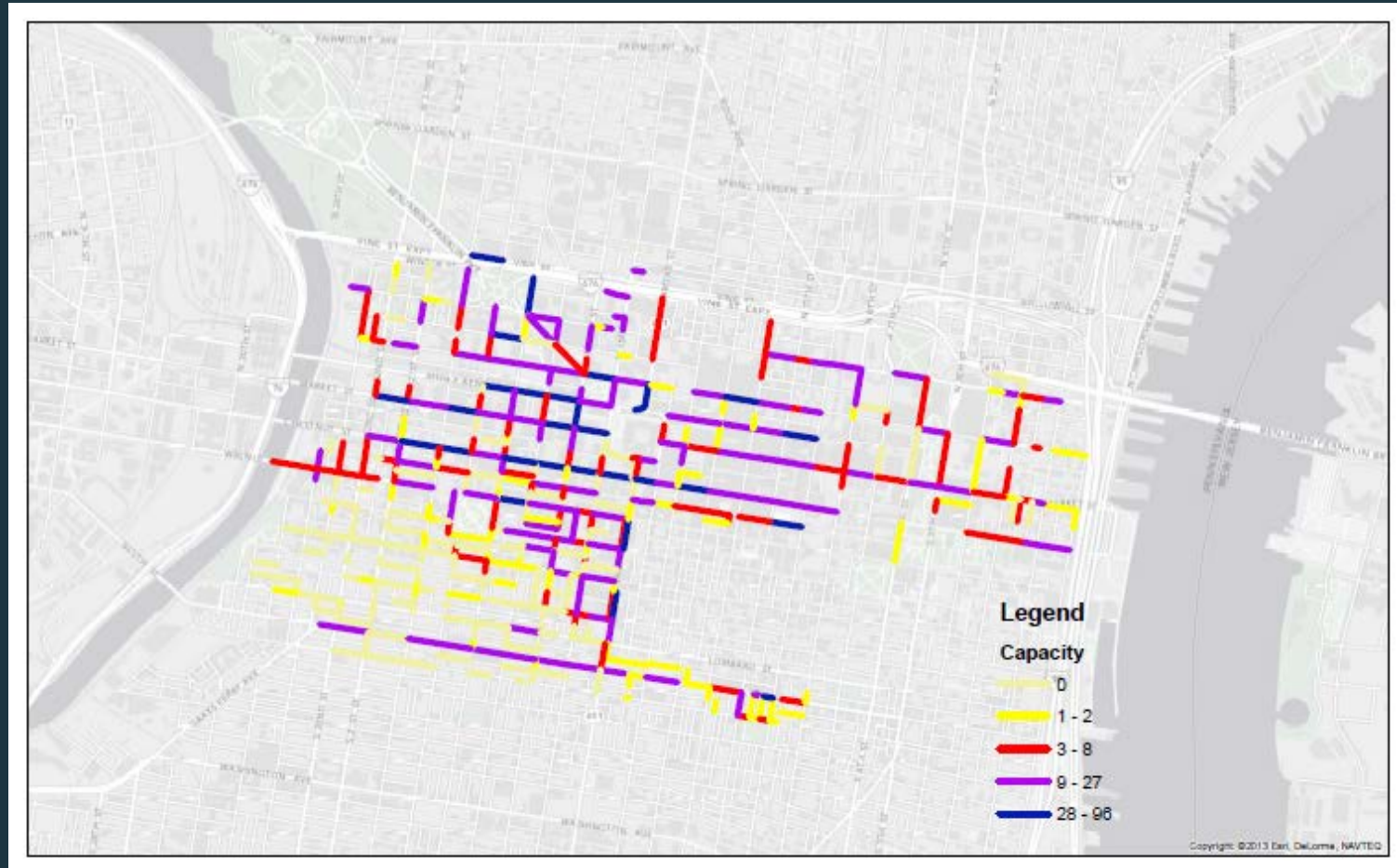


POOR CONDITION



COLLECTED DATA

Formal Bike Parking Capacity



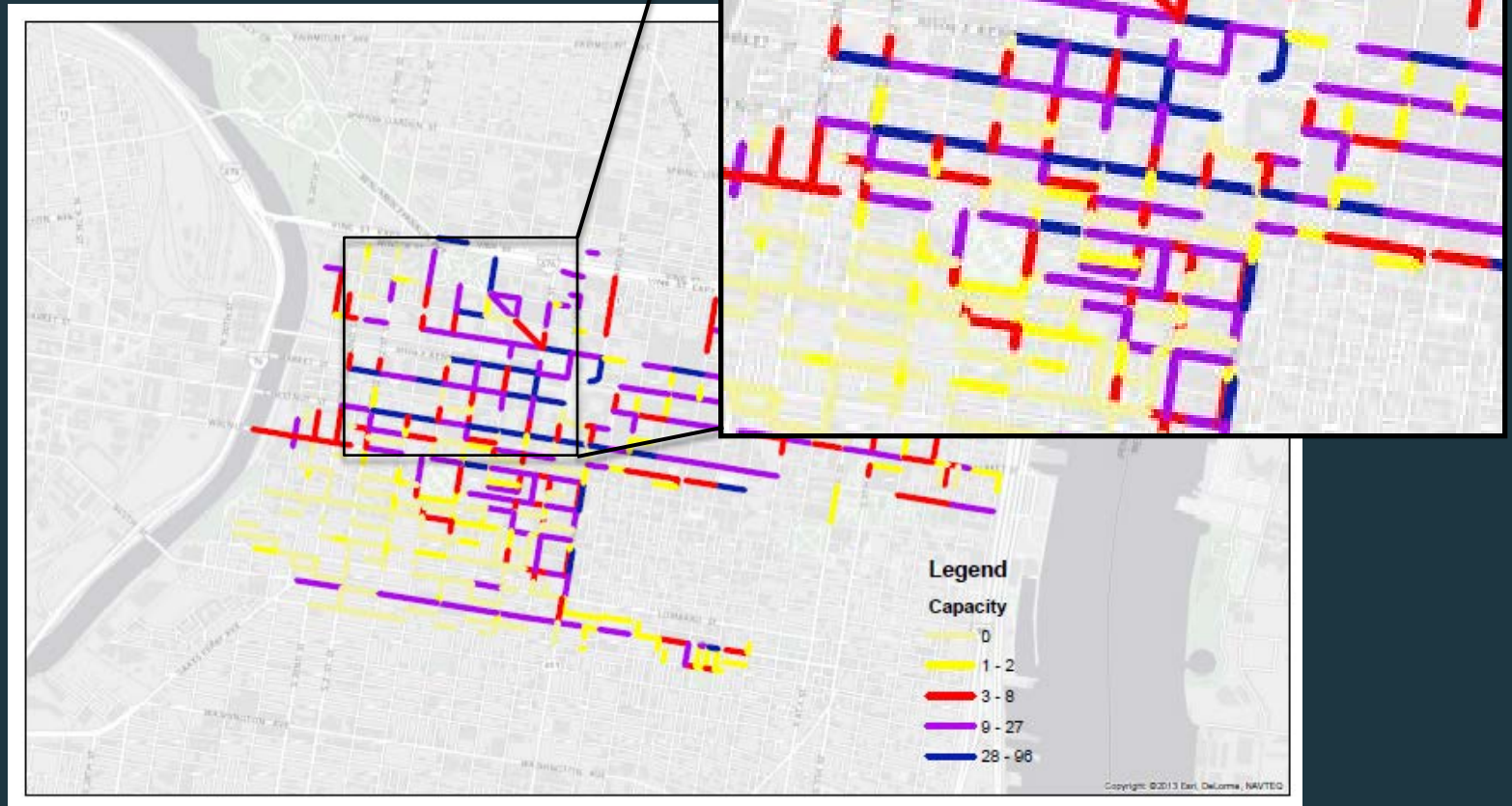
ANALYSIS

- The demand for bike parking is not being met by current conditions
 - *More bikes parked on streets than bike rack capacity*
 - *Bike parking not utilized on some streets with racks*



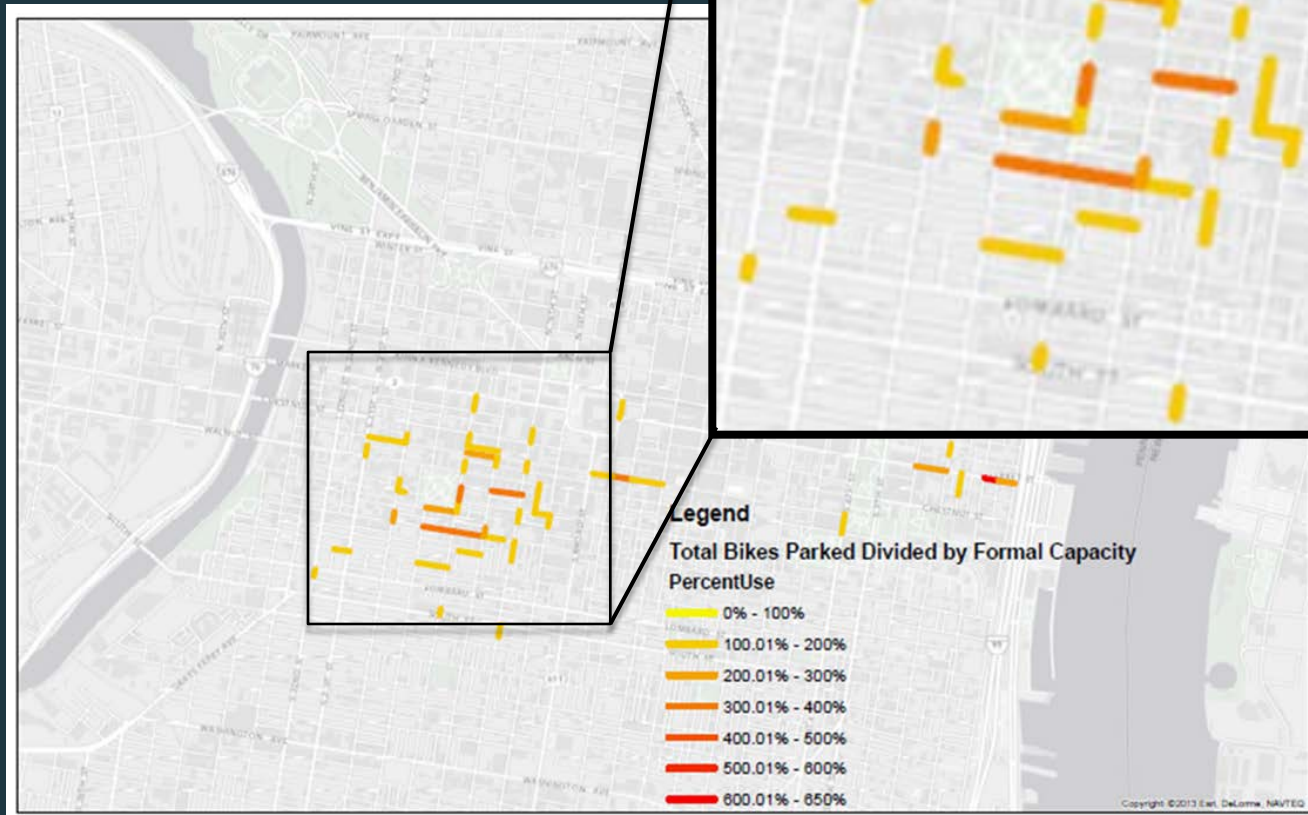
ANALYSIS

Formal Bike Parking Capacity



ANALYSIS

Percent of Over Capacity on Streets with Formal Bike Parking



MOVING FORWARD

Developing a System of Placement

Expanding the study



Mayor's Internship
Program 2013

Off the Road: Exploring Philadelphia's Bike Parking

MOVING FORWARD

Developing a System of Placement


7:30 AM 59%

www.cityofboston.gov/bikes/parking.asp

Bike Parking | City of Boston

Bike Rack Locations

Click on the map below to see a more detailed view of bike rack locations throughout the city. You can also suggest locations for racks to be installed in the future.



Request a Bike Rack

The City of Boston is in the process of installing 250 bike racks each year. We welcome your suggestions for where we should install racks and we will do our very best to accommodate your requests. We do have to evaluate each request to make sure the location meets planning and zoning regulations and has a demonstrated need before we can approve any location.

[Request a Rack](#)


Citizen Bike Rack Request Forms

7:24 AM 60%

www.sfbike.org/?bikerack

Request a Bike Rack - SF Bicycle Coalition

Request a Sidewalk Bike Rack



Well-located bicycle racks are an important link when riding a bicycle to work, to the store, or to a restaurant. Know a business that would benefit from a sidewalk bike rack? Got another location *anywhere in SF* that needs a sidewalk bike rack? Request one free of charge from the City using this form.

Business Name

Address

Your email

Description

Please include any additional information below:
Are you the business owner?
Would you like more than one bike rack?

MOVING FORWARD

Developing a System of Placement

Long-term Parking



THANK YOU

Special thanks our project leaders;
Thomson Kao, Aaron Ritz, & Ema Yamamoto