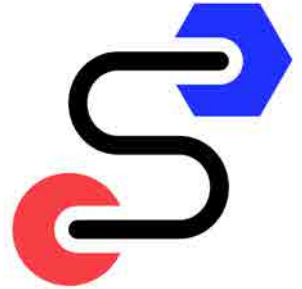


**SharedStreets**



# What is SharedStreets?



SharedStreets is a nonprofit organization. We build open source software and digital infrastructure to support new ways of managing and sharing data that keep cities moving.



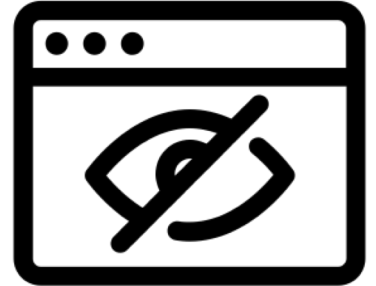
# Values driven technology



City-owned and operated workflow



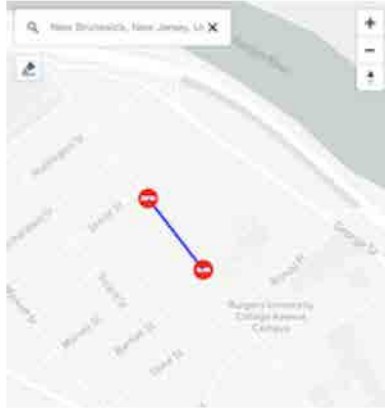
Explore questions we have about new mobility in ways that are **open** and **transparent**



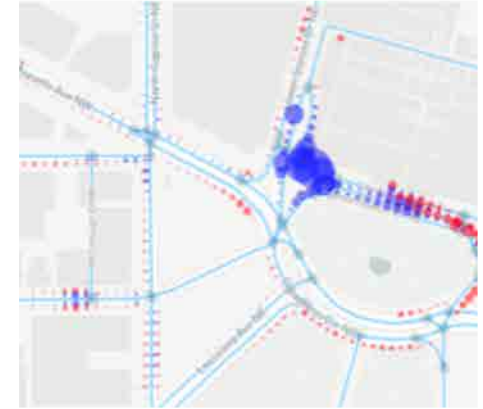
Work with data while limiting privacy risks



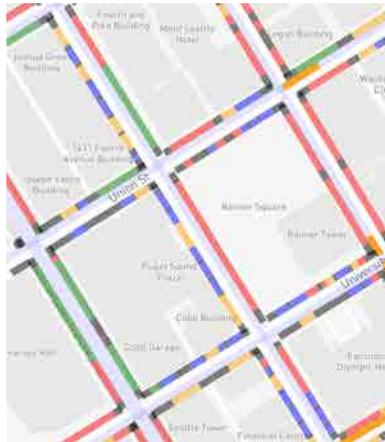
# Our pilot projects



Construction  
& Closures



TNC  
Pick-up  
& Drop-off



Curb  
inventory



Mobility  
Metrics



# What is SharedStreets?

The SharedStreets referencing system is a **shared language for the street.**

It lets maps talk to each other.

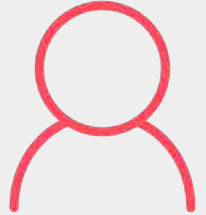


# How do we get maps to speak the same language?



abcdabcdabcdabcdabcdabcdabcdabcdabcdabcd

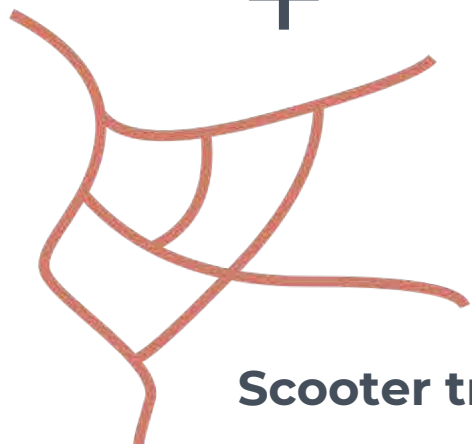
1234123412341234123412341234123412341234





+

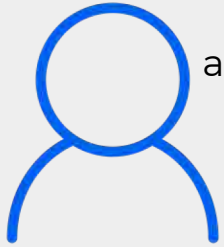
=



**Messy +  
hard to use data**



# How do we get maps to speak the same language?



abcdabcdabcdabcdabcdabcdabcdabcdabcdabcd

12341234123412341234123412341234123412341234



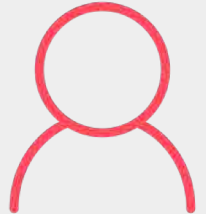
**TODAY**



9d669cc6c4f669c4f



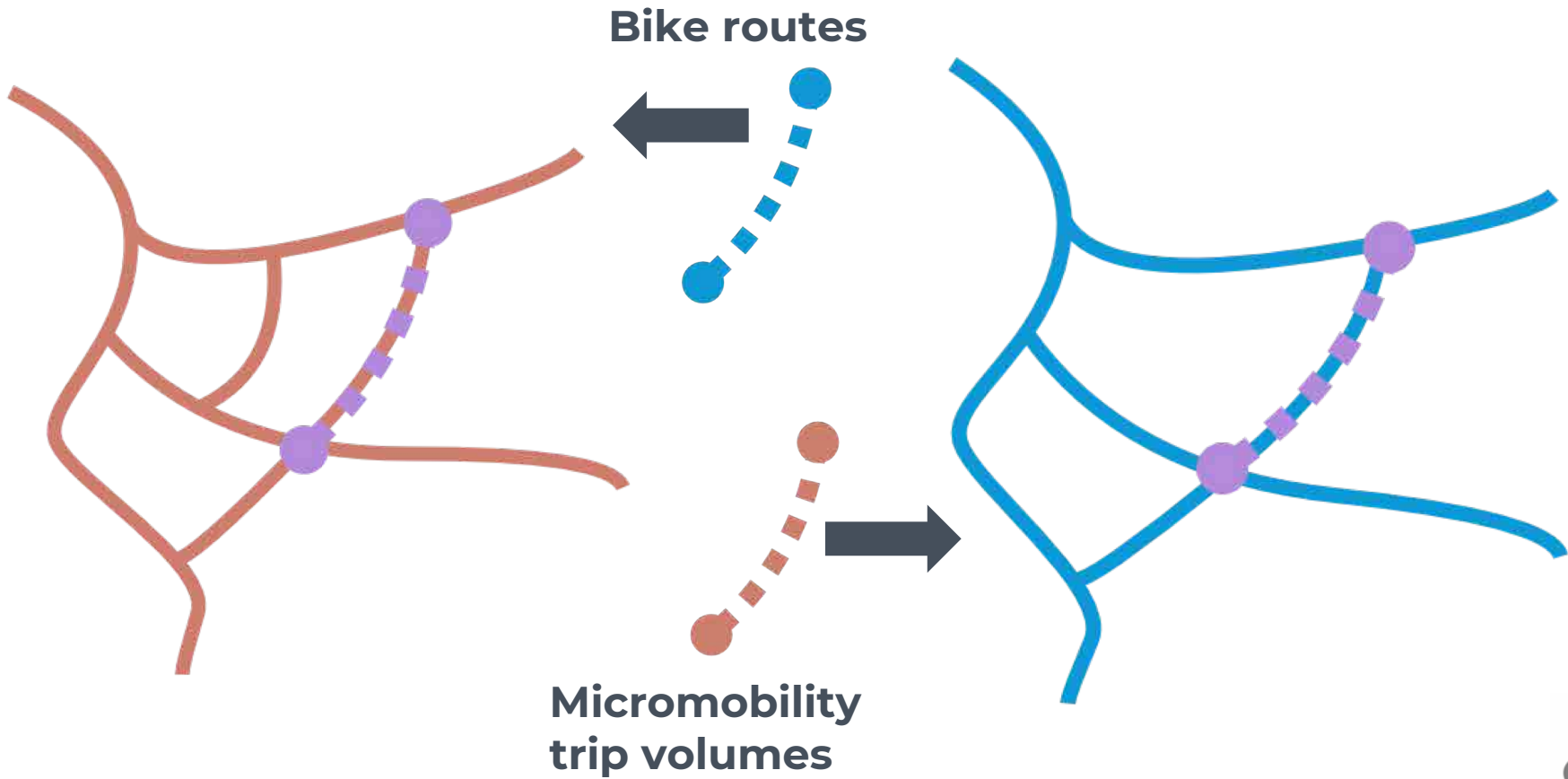
9d669cc6c4f669c4f



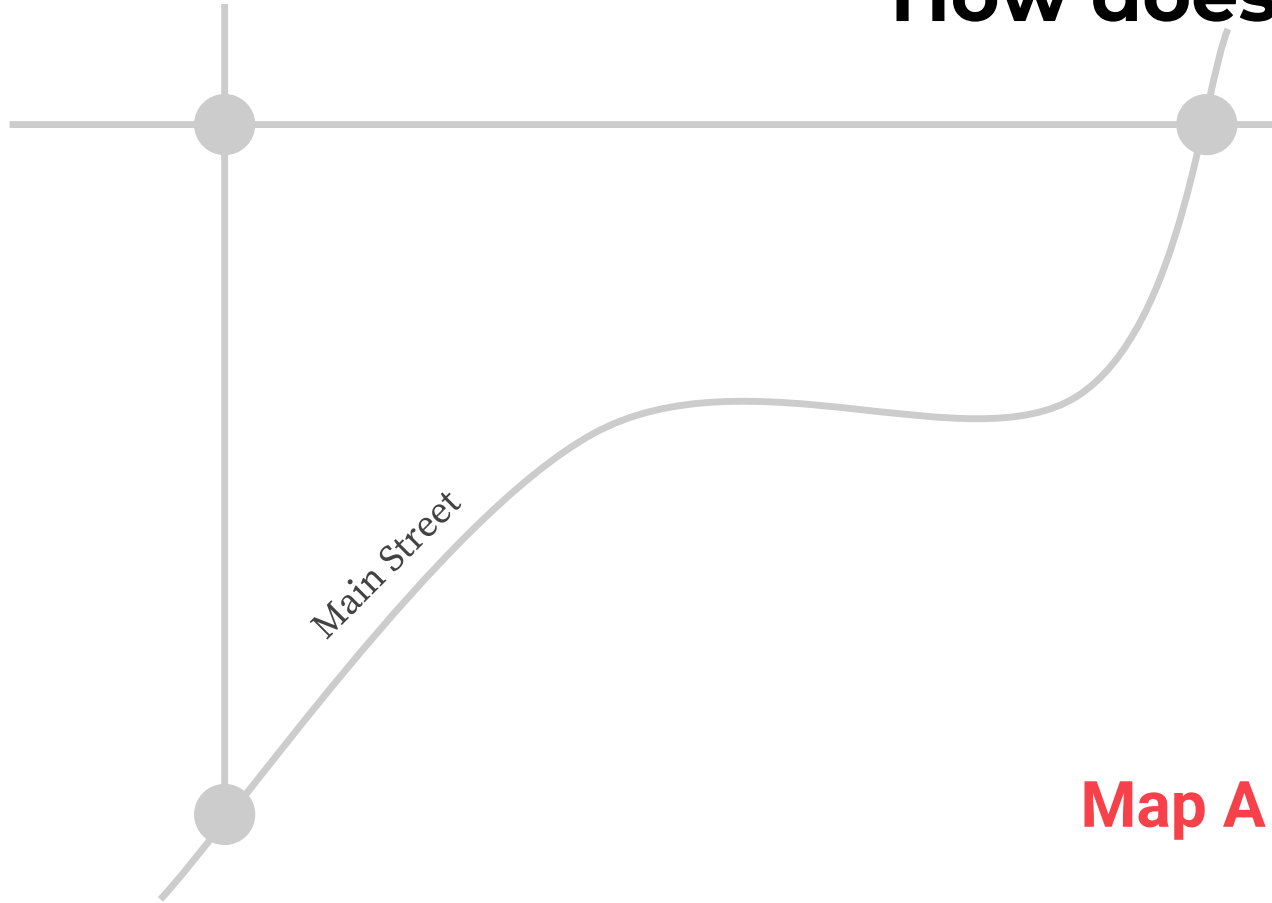
**TOMORROW**





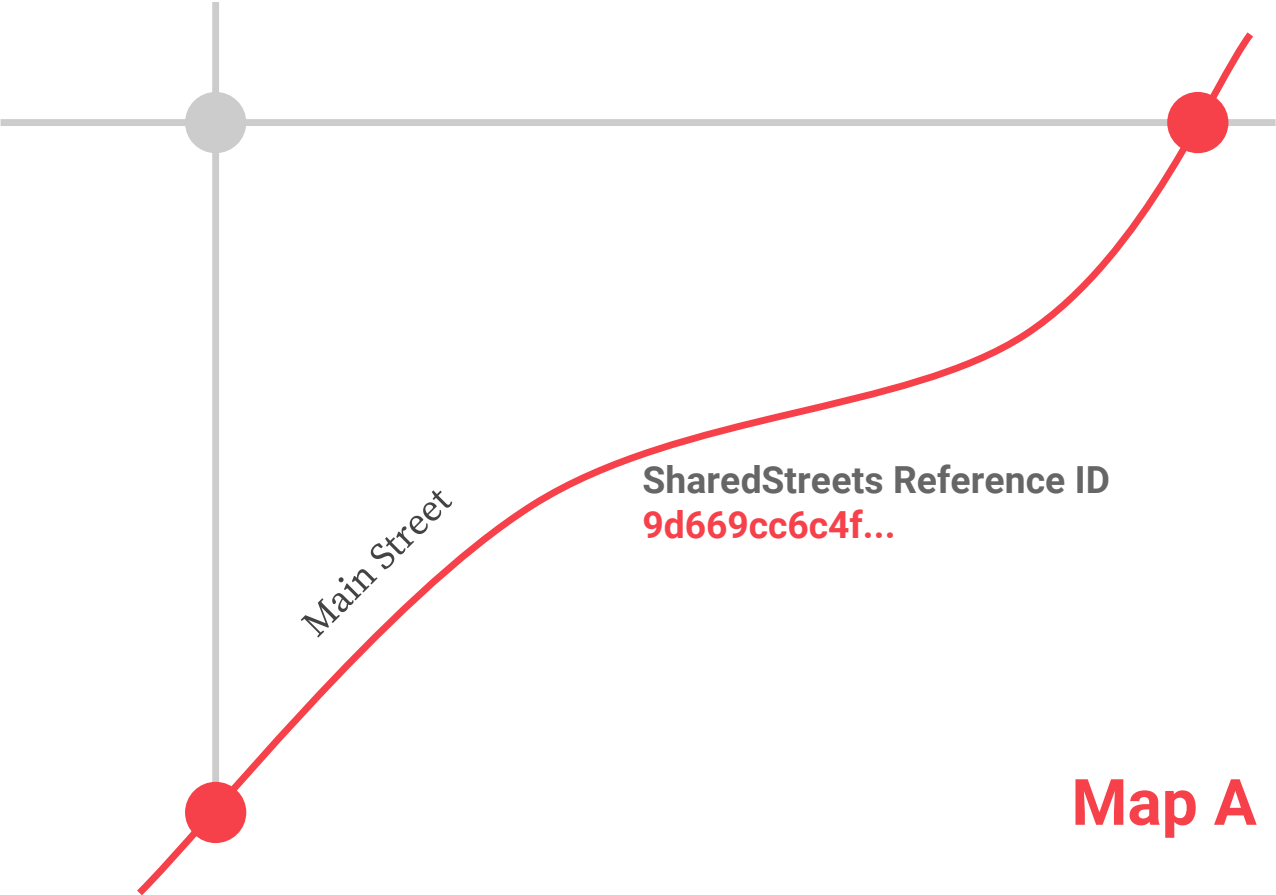


# How does it work?



Map A

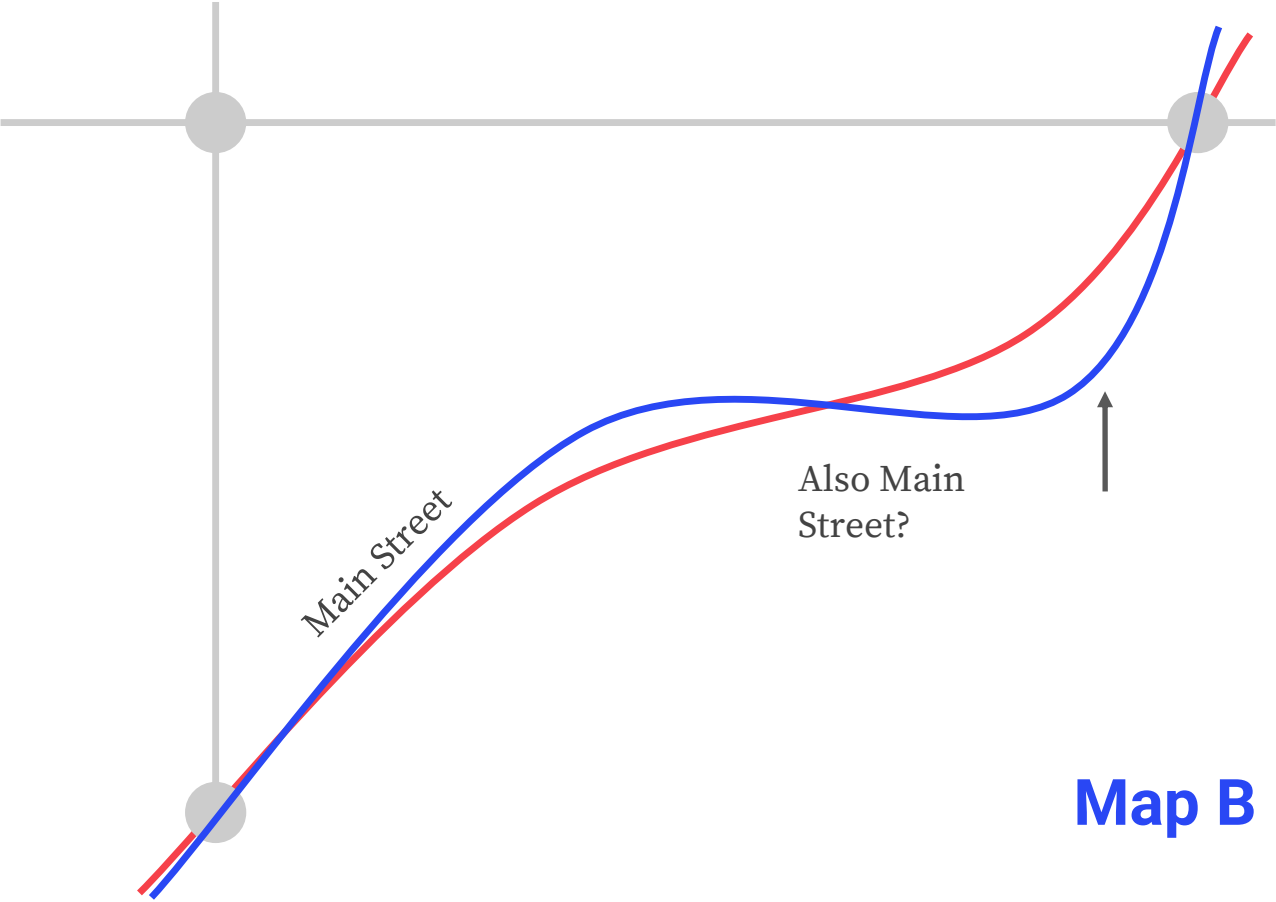




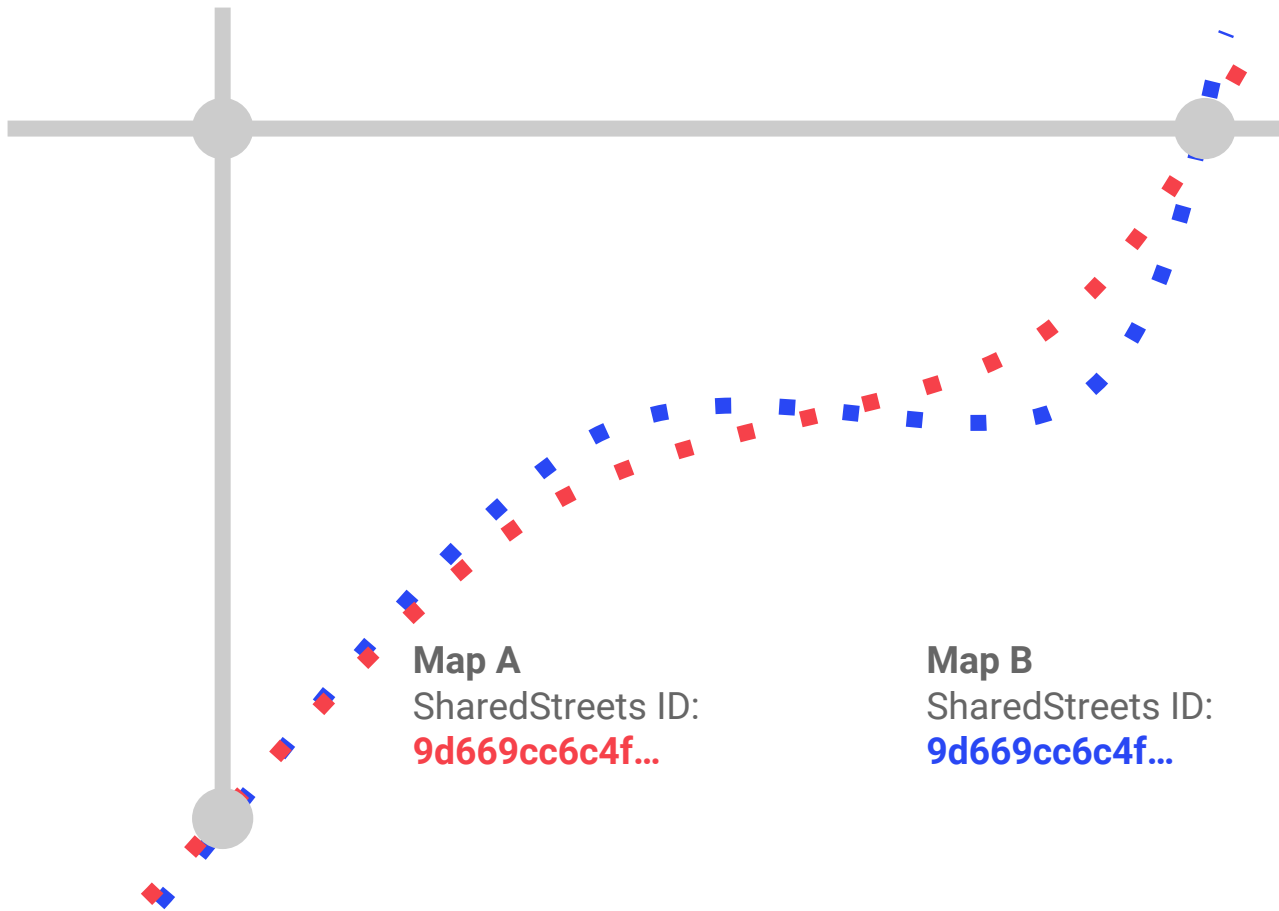
Main Street

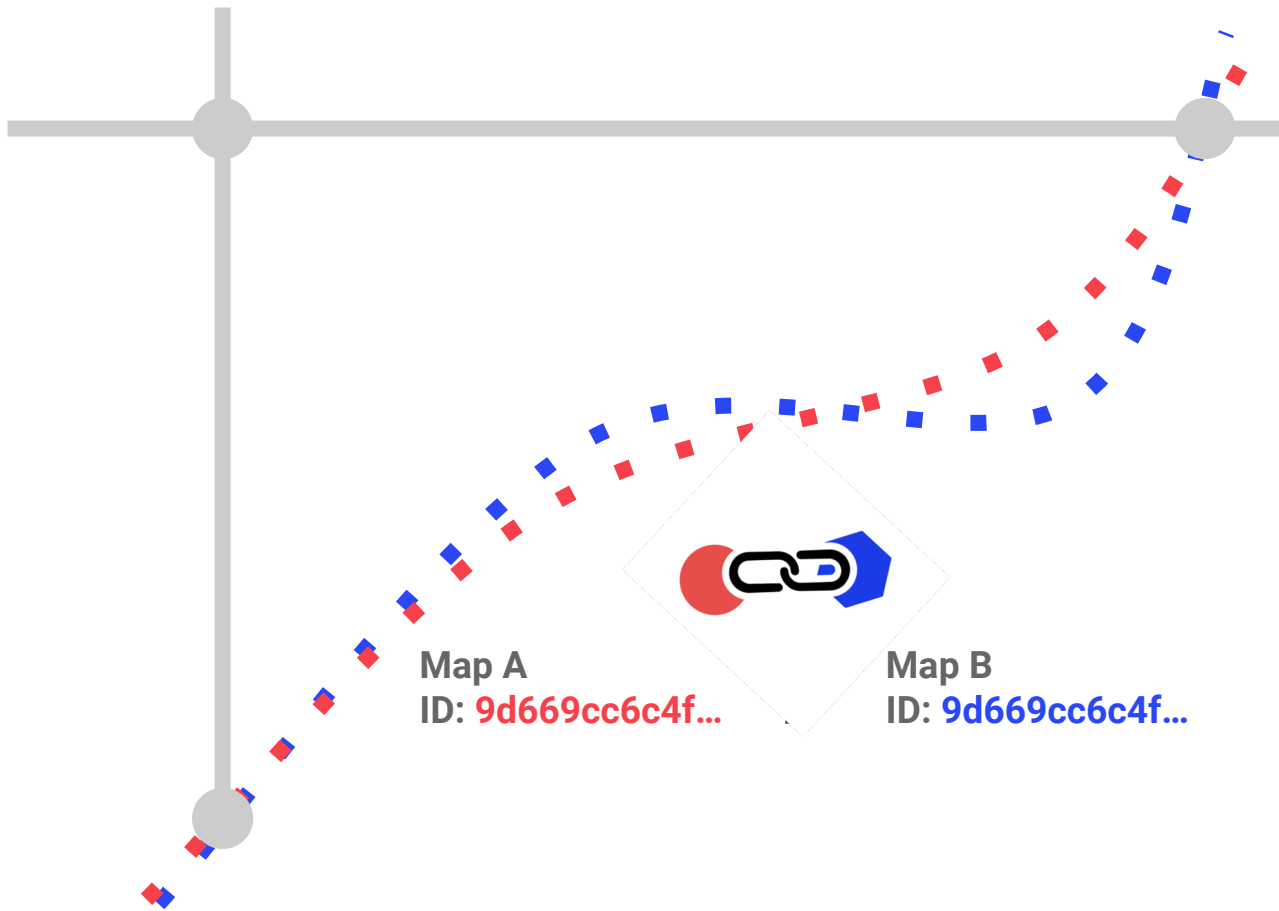
SharedStreets Reference ID  
9d669cc6c4f...

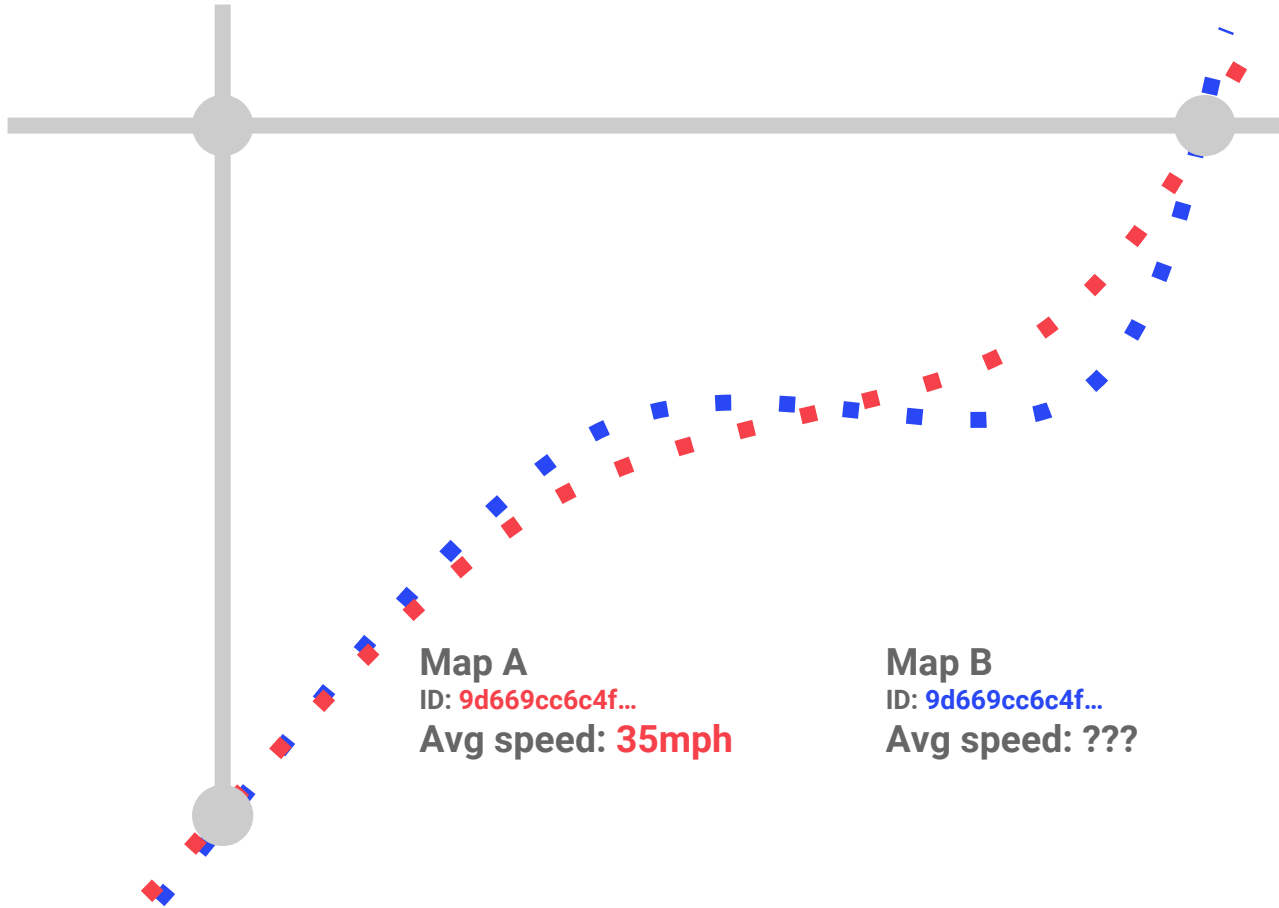
Map A

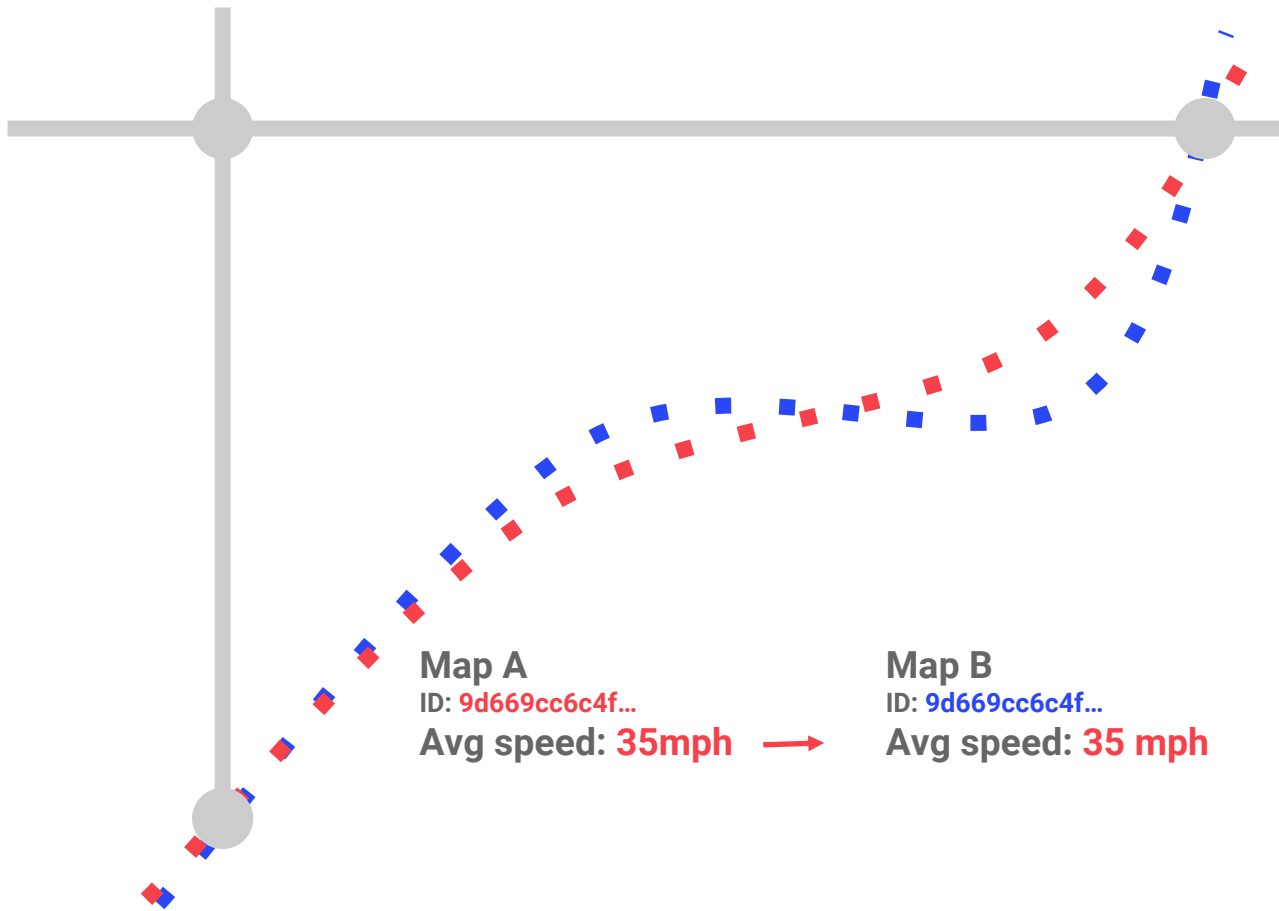


**Map B**









Map A

ID: 9d669cc6c4f...

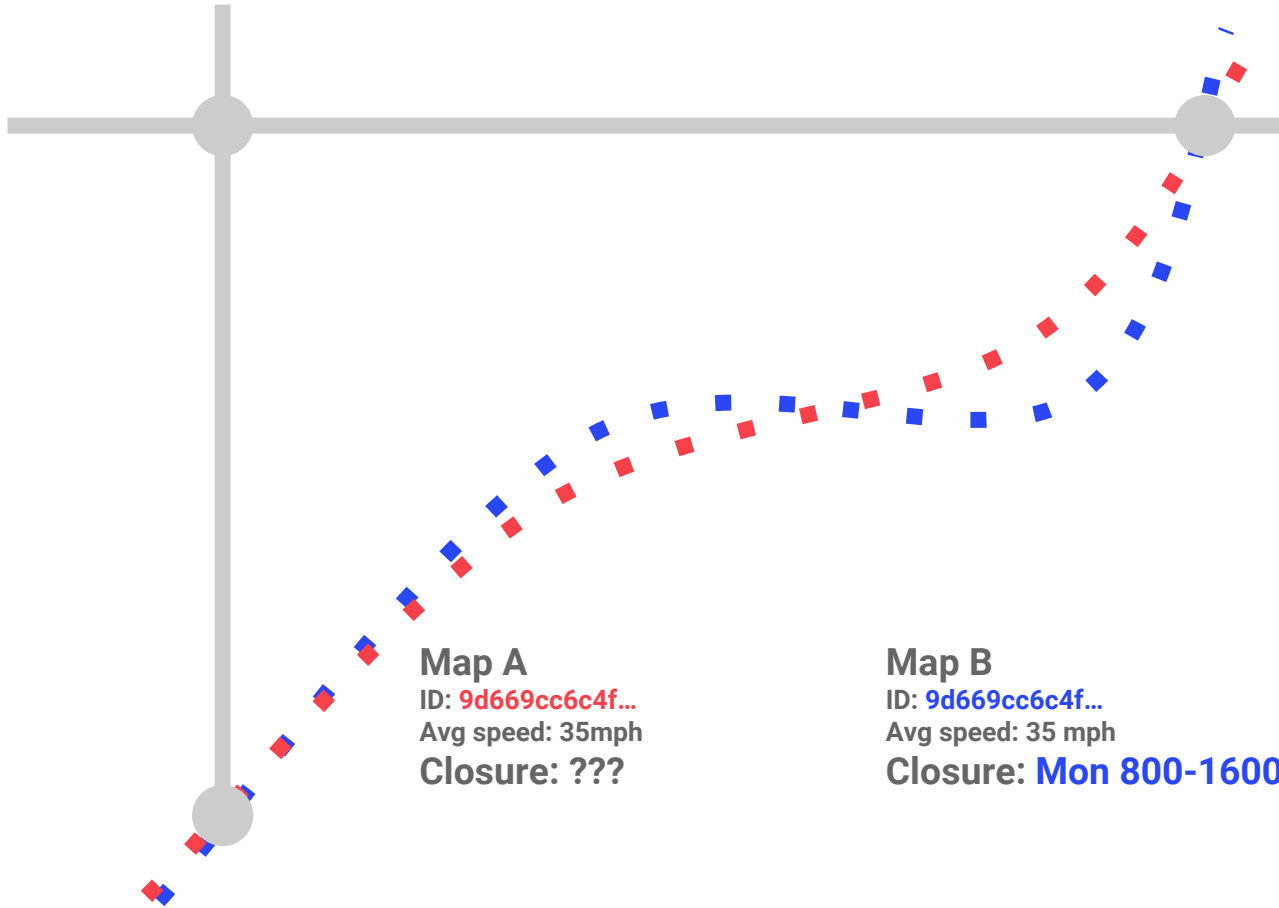
Avg speed: 35mph →

Map B

ID: 9d669cc6c4f...

Avg speed: 35 mph





**Map A**

ID: 9d669cc6c4f...

Avg speed: 35mph

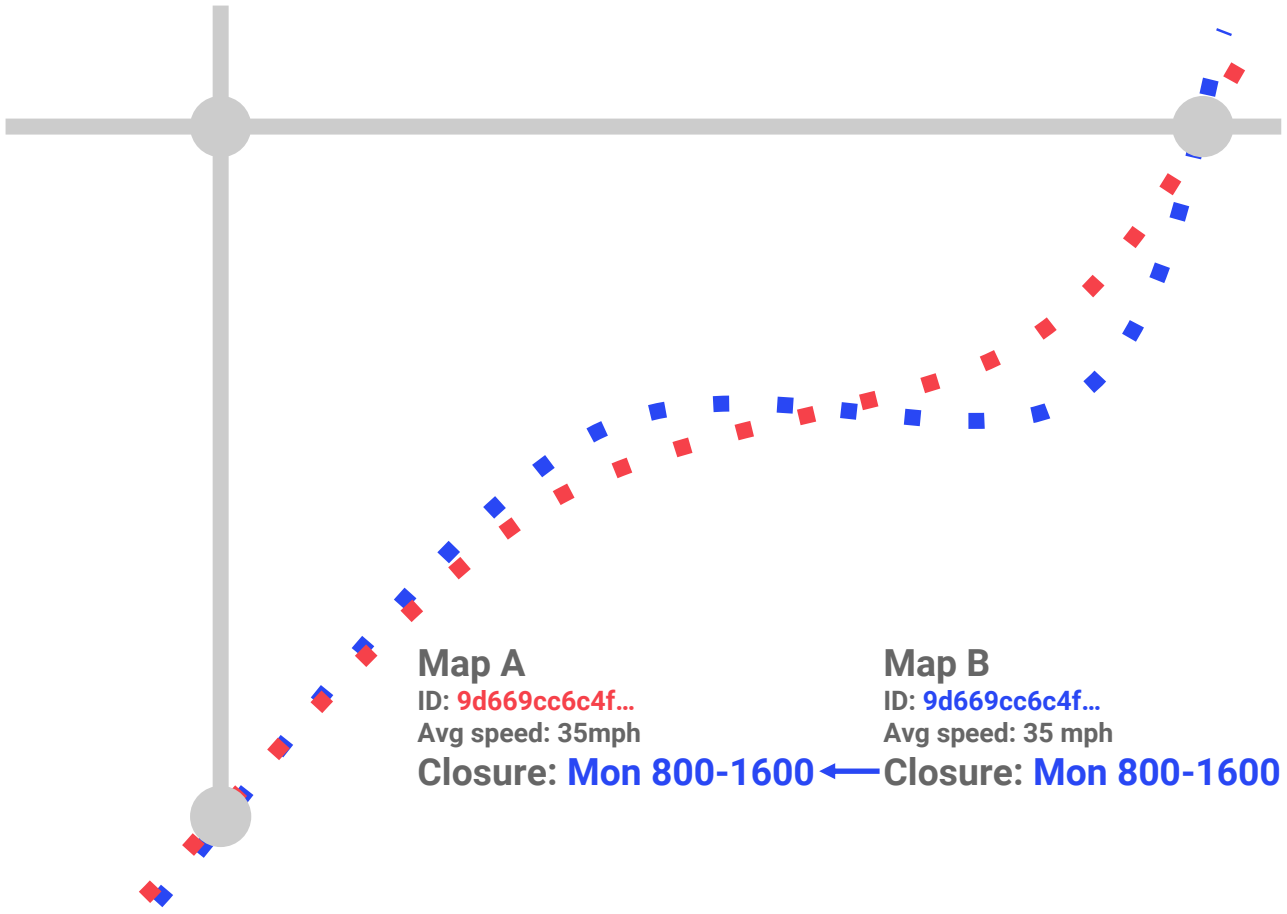
Closure: ???

**Map B**

ID: 9d669cc6c4f...

Avg speed: 35 mph

Closure: **Mon 800-1600**



**Map A**

ID: 9d669cc6c4f...

Avg speed: 35mph

Closure: **Mon 800-1600**

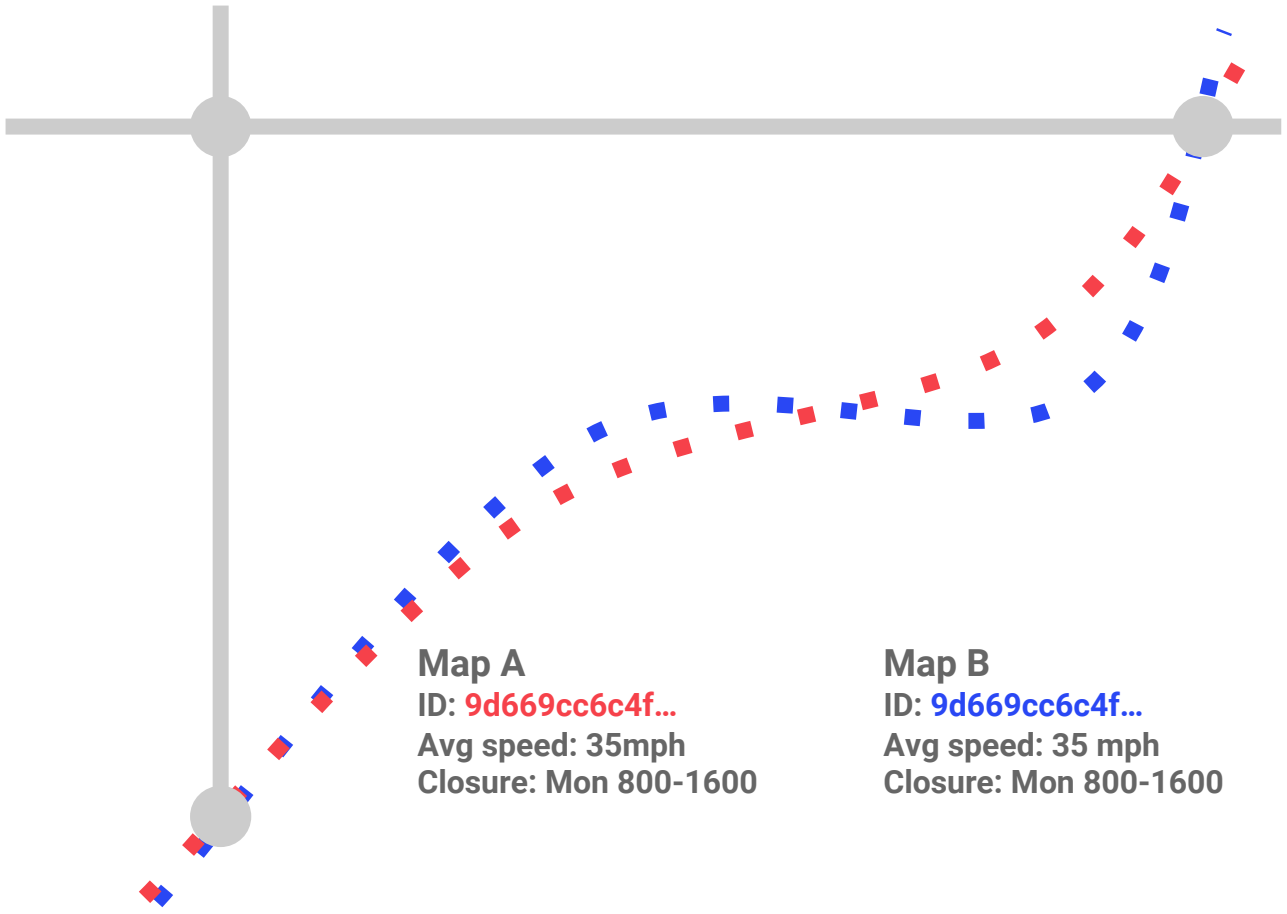
**Map B**

ID: 9d669cc6c4f...

Avg speed: 35 mph

Closure: **Mon 800-1600**

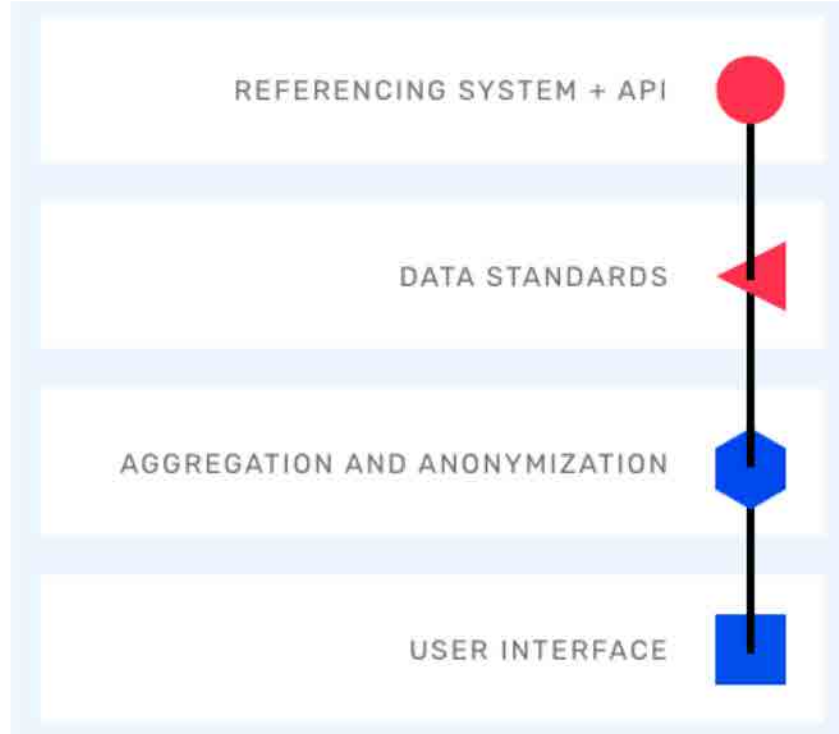




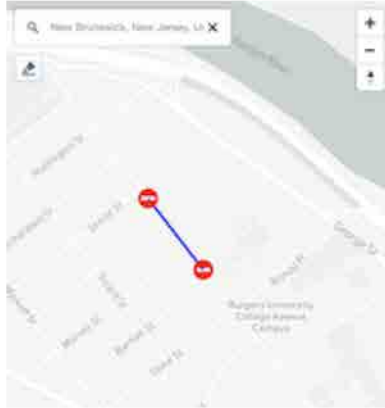
**Map A**  
ID: **9d669cc6c4f...**  
Avg speed: 35mph  
Closure: Mon 800-1600

**Map B**  
ID: **9d669cc6c4f...**  
Avg speed: 35 mph  
Closure: Mon 800-1600

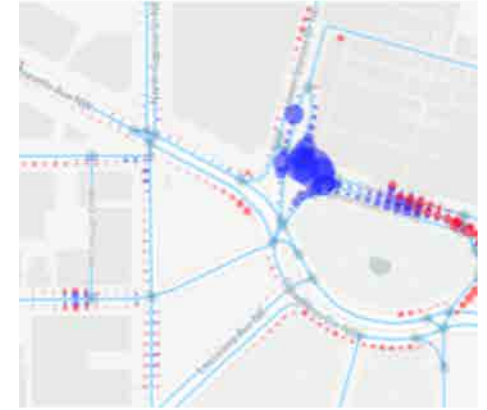
# Building Collaborative & Scalable Pilots



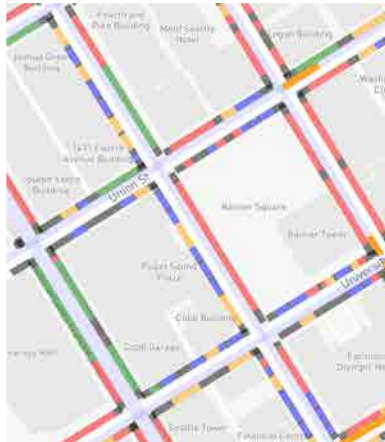
# Building Collaborative & Scalable Pilots



Construction  
& Closures



TNC  
Pick-up  
& Drop-off



Curb  
inventory



Mobility  
Metrics



# Mobility Metrics

From raw MDS data:



To street-based metrics:



To linked GIS layers



# Mobility Metrics

## Daily Summary

Date: 11/10/2018

Provider: Flitr

TOTAL VEHICLES

556

ACTIVE VEHICLES

265

TOTAL TRIPS

986

TOTAL TRIP DISTANCE

1852 mi

DISTANCE PER VEHICLE

6.99 mi

VEHICLE UTILIZATION

48%

TRIPS PER ACTIVE VEHICLE

3.72

AVG TRIP DISTANCE

1.88 mi

AVG TRIP DURATION

12m 25s

## SharedStreets Mobility Metrics

### Time Filter

HOUR

MINUTE

12pm-1pm

00-15

## Trip Volume

Streets  Bins


Trip Volume measures the number of vehicles that moved over a street or zone, filtered to protect individual privacy

Export



# Closures and Construction

SharedStreets Road Closures [View all road closures](#) Organization: New Brunswick



**No streets selected**

To start entering a road closure, click two (or more) points along the length of the affected street(s).

**Start and end time (required)**


Start date  End date  Select timezone... ▾

**Description (required)**

Enter a description of the closure here...

**Reference (required)**

New Brunswick, New Jersey, US X

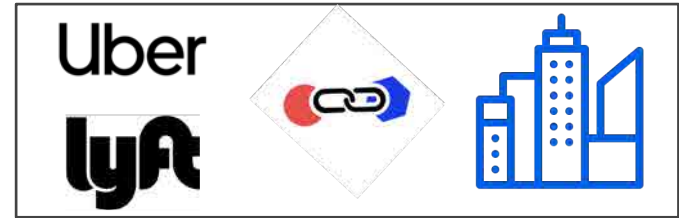
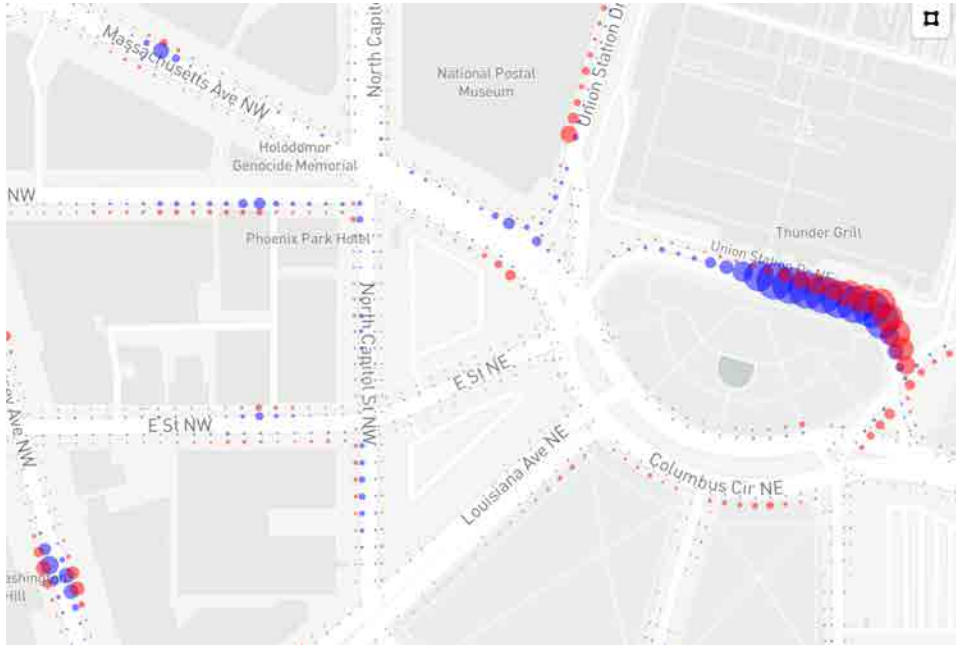


<http://roadclosures-test.sharedstreets.io/>





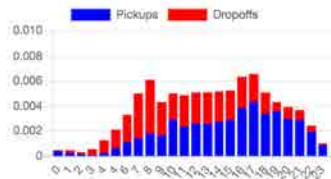
# TNC Pick-up and Drop-off



## SharedStreets

### Pickup/Dropoff Analysis

Query by drawing polygon using the selector tool in map.



Hours: 0-23

(hours as range e.g. 0-23 or 18-02)

Days of week:

- Mon  Tue  Wed  Thu  Fri  Sat  
 Sun



- Our tools are all open source, publicly available and free to use.
- Get started on our Github page and follow the instructions  
[github.com/sharedstreets/](https://github.com/sharedstreets/)
- Check out our blog for tutorials and how-to's  
[sharedstreets.io/blog](https://sharedstreets.io/blog)



**Thank you!**

[www.sharedstreets.io](http://www.sharedstreets.io)

mollie@transportpartnership.org

