





TONIGHT'S AGENDA

- **Overview and Project Goals**
- **Counts**
- **Public Feedback**
- **Next Steps**

CROSSTOWN CONNECTOR | PILOT PROJECT FINDINGS

MAYOR'S OFFICE OF TRANSPORTATION AND UTILITIES



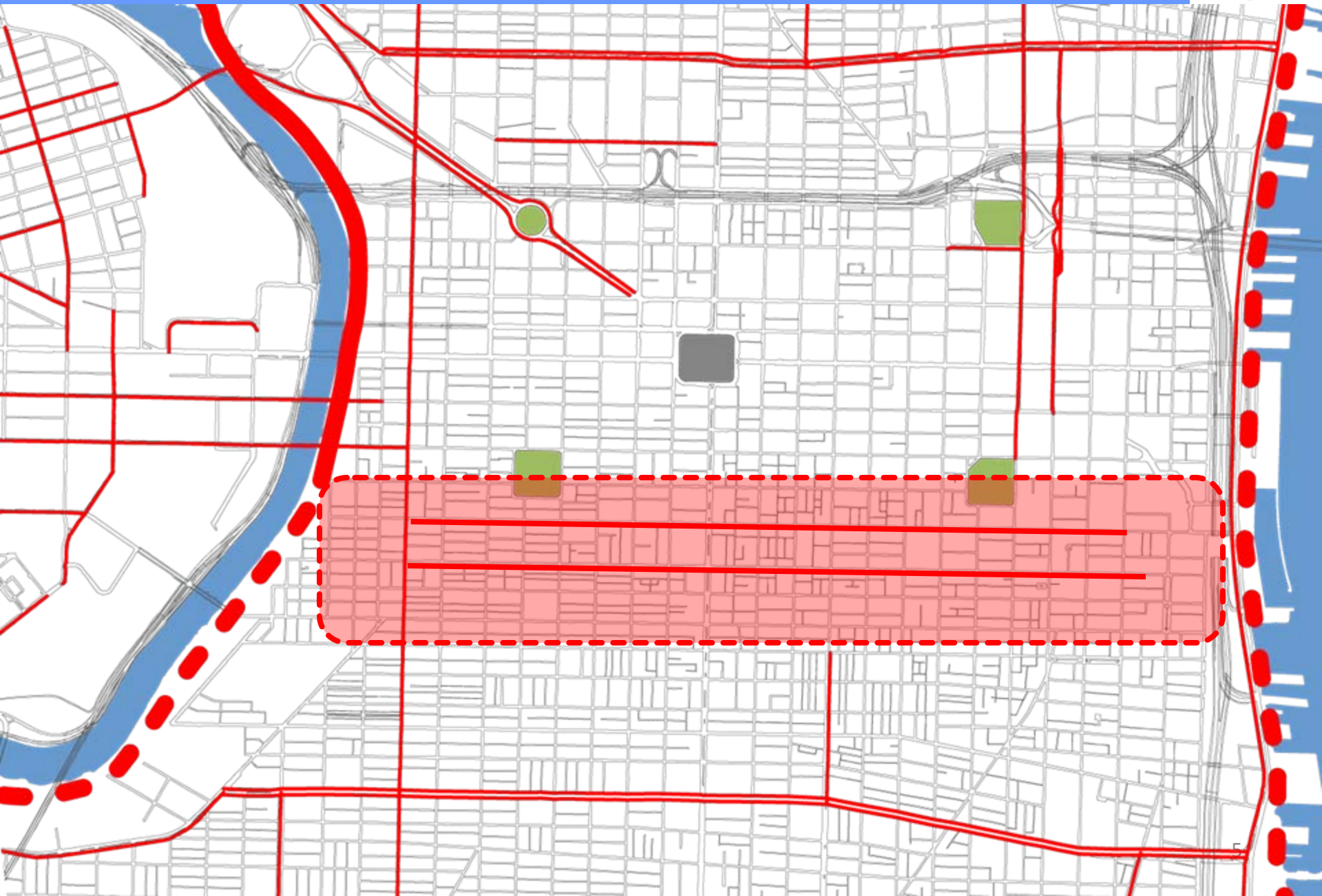
CROSSTOWN CONNECTOR | PILOT PROJECT FINDINGS

MAYOR'S OFFICE OF TRANSPORTATION AND UTILITIES



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MAYOR'S OFFICE OF TRANSPORTATION AND UTILITIES





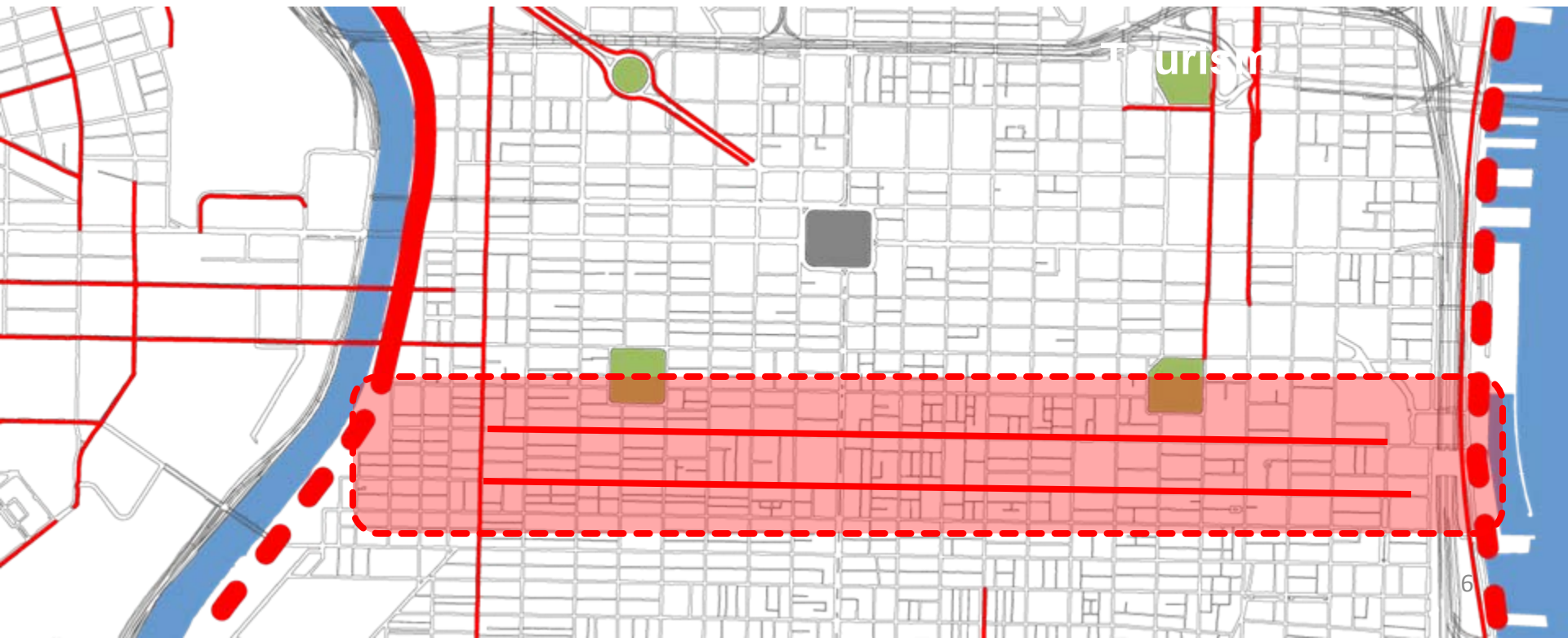
PROJECT GOALS

Extend bicycle network into Center City

Improve safety for cyclists

Discourage cyclists' use of sidewalks

Calm motor vehicle traffic on Spruce and Pine Streets





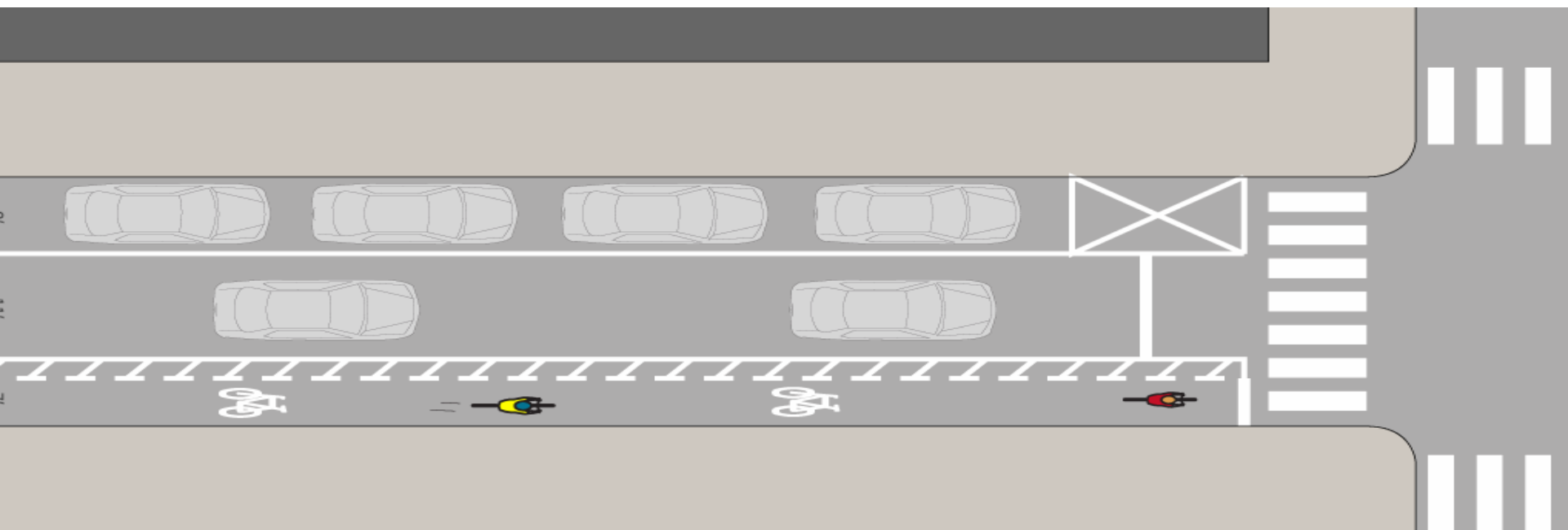
THE NUMBERS

MID-BLOCK COUNTS:

1000 blocks of Spruce & Pine
1700 blocks of Spruce & Pine

INTERSECTION COUNTS:

Pine & 5 th	Spruce & 6 th
Pine & Broad	Spruce & Broad
Pine & 22 nd	Spruce & 22 nd





THE NUMBERS

MID-BLOCK COUNTS:

Peak hour vehicle volumes

Daily vehicle volumes

Mean operating speed

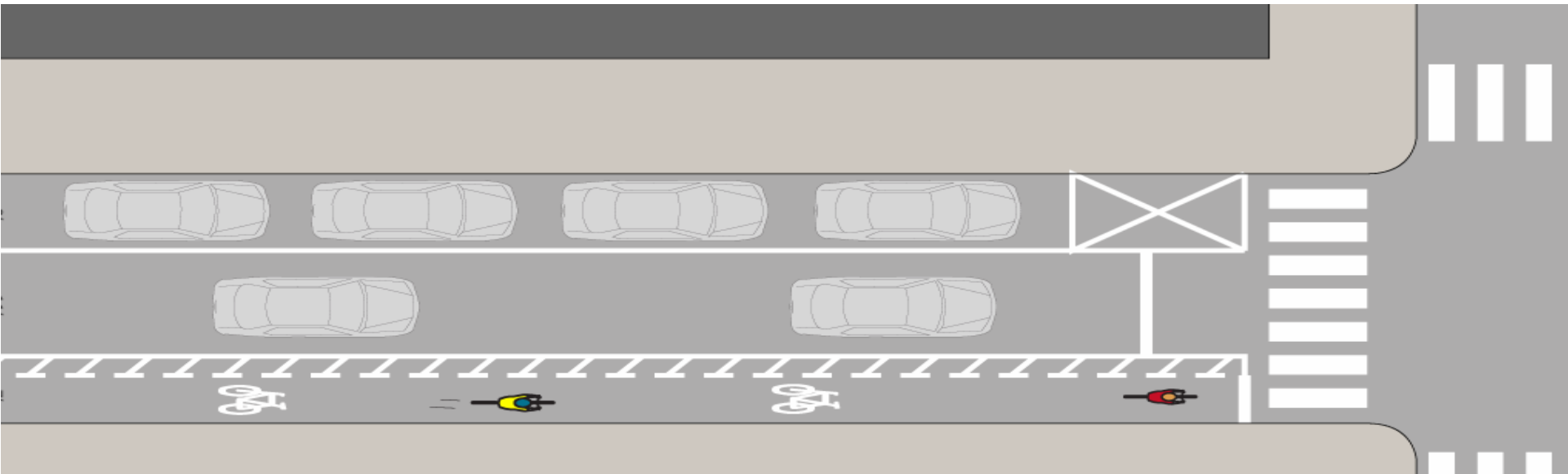
85th percentile speed

INTERSECTION COUNTS:

Vehicle turning movements

Bicycle counts

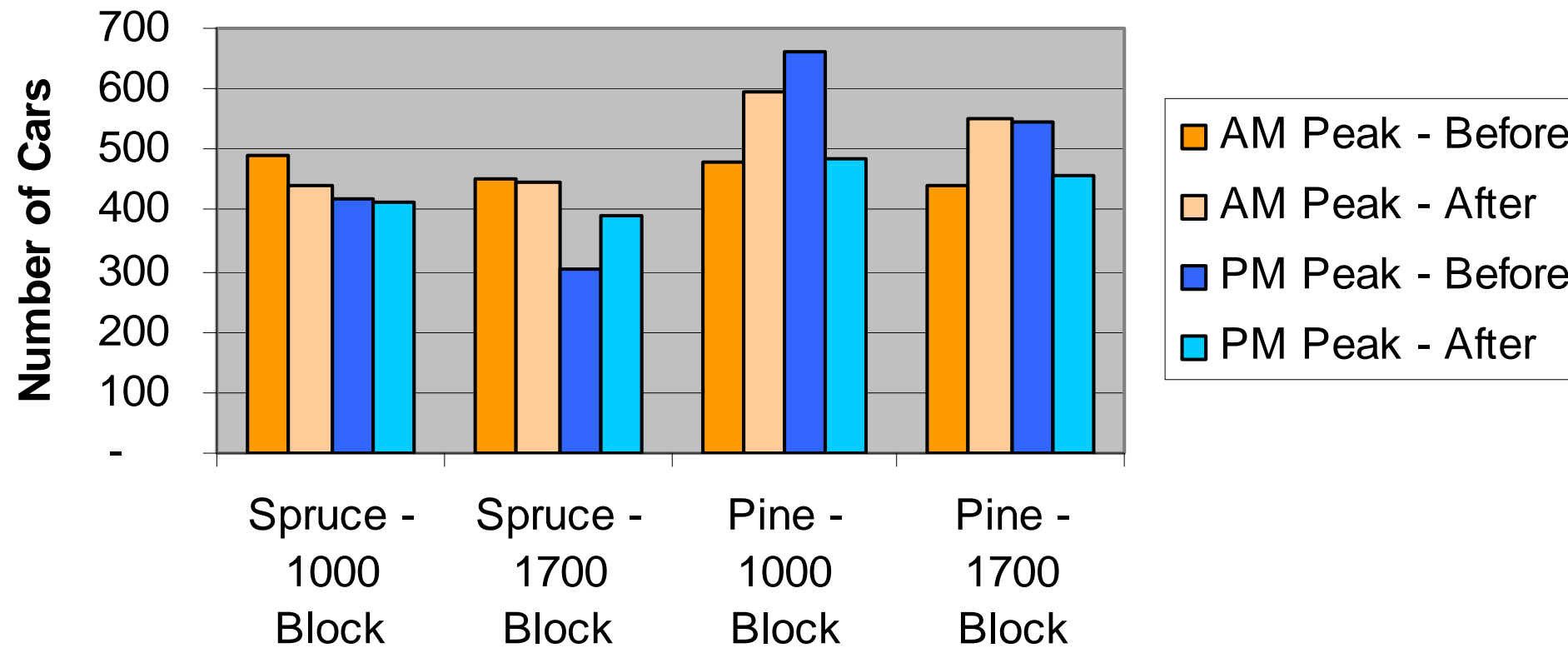
Queue lengths





THE NUMBERS

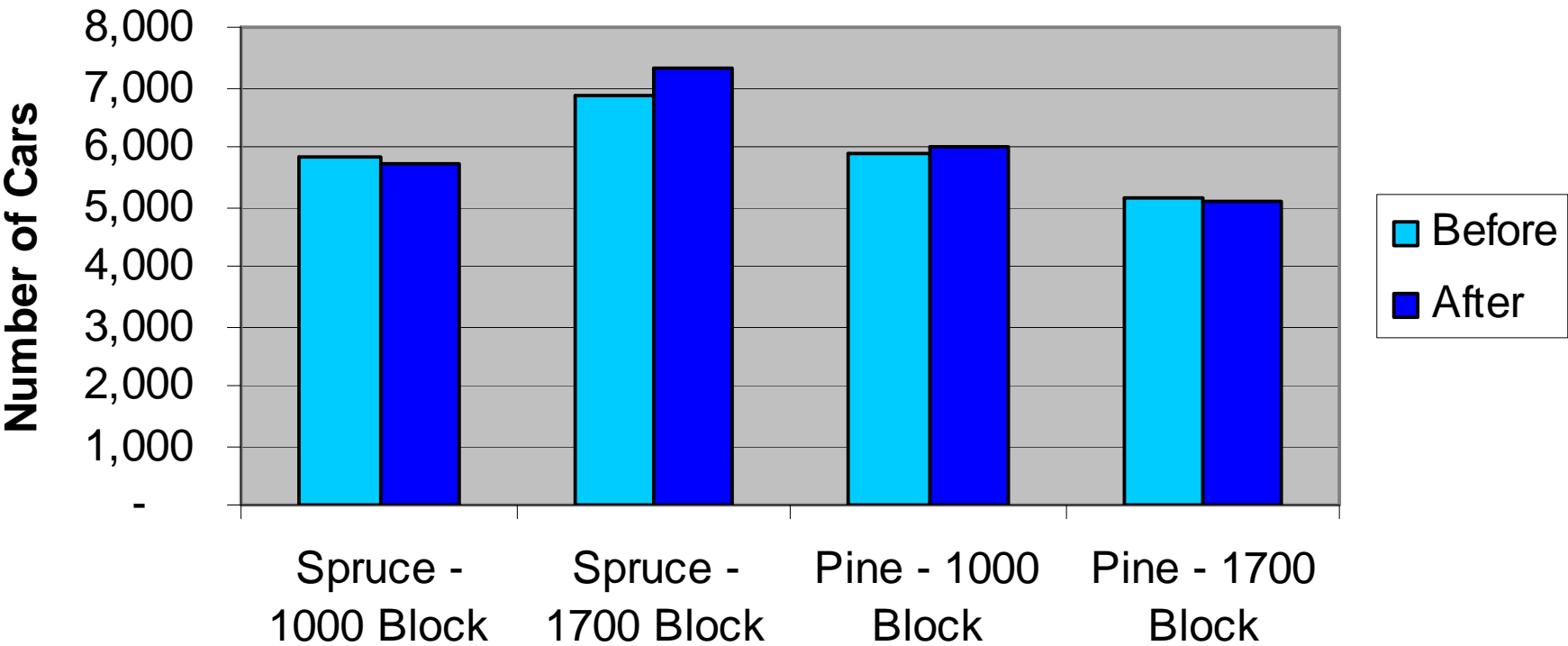
Peak Hour Traffic Volumes





THE NUMBERS

Daily Traffic Volumes





THE NUMBERS

Mean Vehicle Speed (mph)		
	Before	After
1000 Spruce	20	20
1000 Pine	19	17
1700 Spruce	17	19
1700 Pine	18	19



THE NUMBERS

85 th Percentile Vehicle Speed (mph)		
	Before	After
1000 Spruce	25	24
1000 Pine	24	22
1700 Spruce	23	23
1700 Pine	25	23



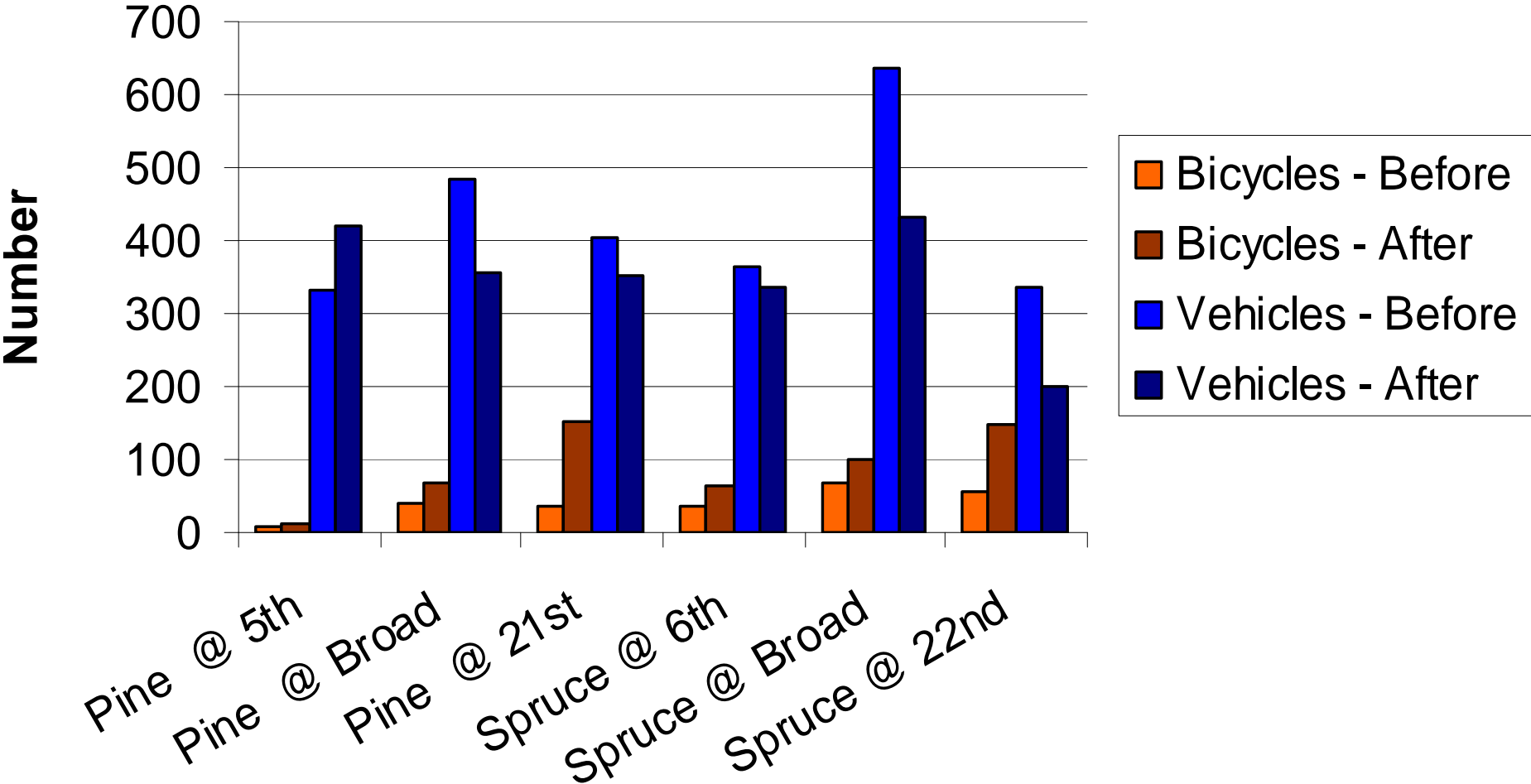
THE NUMBERS

Difference between the 85 th Percentile and Mean Speed (mph)		
	Before	After
1000 Spruce	5	4
1000 Pine	5	5
1700 Spruce	6	4
1700 Pine	7	4



THE NUMBERS

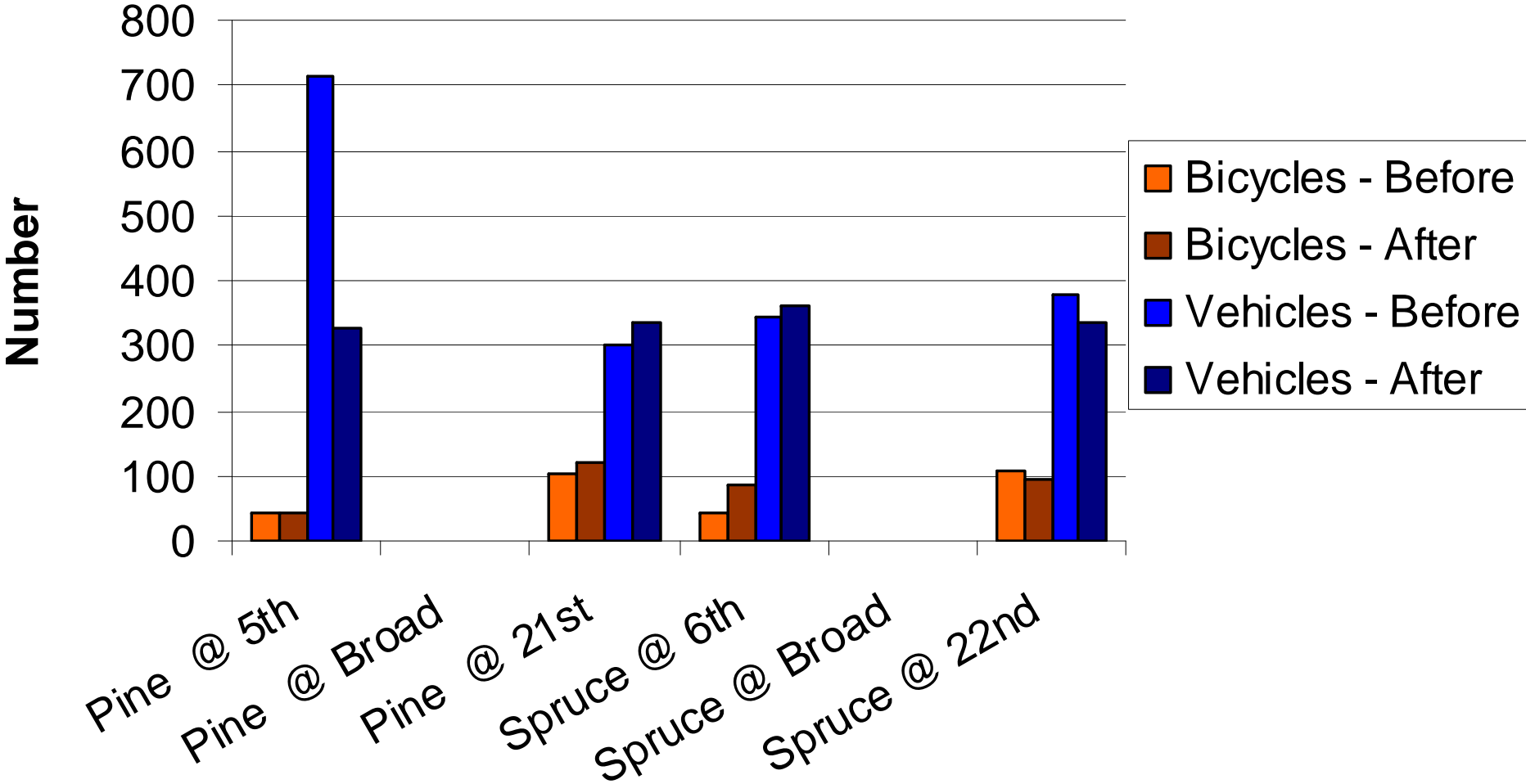
Intersection Counts - AM Peak





THE NUMBERS

Intersection Counts - PM Peak





PUBLIC FEEDBACK – GENERAL SUMMARY

NEGATIVES

- Cyclists don't obey the traffic rules
- Bike lanes slow traffic
- Difficult to get around stopped vehicles
- Turning traffic waiting for pedestrians slow everyone

POSITIVES

- It feels much safer biking across town
- Car traffic is flowing more smoothly and orderly
- Great for getting the fastest cars driving slower
- Cyclists comment that they travel on Spruce and Pine as much as possible



PUBLIC FEEDBACK

“The new designation of bike lanes on Pine Street have ruined Pine Street for any traffic. What was a fairly efficient way to travel from Broad to 2nd is now backed up with traffic congestion.”

“As a resident of Pine Street, I am disappointed with the bike lane project to date and would not support it as a permanent change. Too little has been done to make bikers aware of their responsibilities as drivers of legal vehicles”



PUBLIC FEEDBACK

"I am a motorist who would never ride a bike. The bike only lanes on Spruce and Pine are a great idea. They keep the bikes from meandering through the traffic making the streets safer for all."

"I have cut my driving in half and when I do ride my bike, I try to stay off other roads like Chestnut and Walnut"

"Regarding the Bike Path -- I have to say I LOVE IT! ...In summary, they are nice for the bikers, great for the environment and awesome who for those (especially families with little kids) who live on the blocks with bike lanes that are slowing traffic down. Great job Philly!"



POLICE FEEDBACK

- Does not appear to be significantly impacting traffic volumes – Spruce and Pine remain low traffic streets
- Bike lanes do not appear to be causing any significant traffic delays
- Trucks have been using bike lanes to park and make their deliveries



OUR OBSERVATIONS

- **Pedestrians, cyclists and drivers all need to remain aware of their environment and continue to be courteous and considerate**
- **There is continued need for guidance regarding how the lanes should be used**
- **There are drivers who abuse the “active loading” privileges in the bike lanes**
- **Managing weekend parking remains a challenge**



CONCLUSIONS

- The number of cyclists has increased significantly
- The impacts to motor vehicle traffic flow are limited
- Motor vehicle traffic continues to flow more slowly and more calmly



RECOMMENDATION



As a result of observations and these findings, the Streets Department and City Planning Commission staff are recommending to the Deputy Mayor of Transportation & Utilities and to Mayor Nutter that the bike lanes be made permanent when the streets are resurfaced next spring.



MOVING FORWARD

- Retime signals west of Broad
- Continue to communicate the “rules of the road”
- Work with PennDOT to develop safety and educational programs appropriate for our urban environment
- If the recommendation is accepted, adjust signing and striping based on observations and lessons learned





REMINDERS

- Cyclists need to accept that the lanes will be blocked periodically
- The best way that you can help is to continue to respect the rules of the road, and encourage others to do so
- Continue to reinforce – safe, calm, courteous, and considerate behavior by all
- When biking at night, use a light
- Our goal: everyone makes it home safely





THANK YOU

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