

NEW YORK CITY CARSHARE PILOT

Community Board Briefing

June 2017



Concept and Context



CHALLENGE OF CONTINUED GROWTH

The City must use its streets as efficiently as possible to move people and goods.

This means increasing the share of residents who walk, bike, and take transit.

DOT believes that shared-use mobility options such as carshare complement these goals.



CARSHARING

An element of shared use mobility: providing reliable access to a car without having to worry about annual car insurance and maintenance bills

Members are provided access to an automobile for short-term use — usually by the hour or minute. The cost includes gas and insurance.



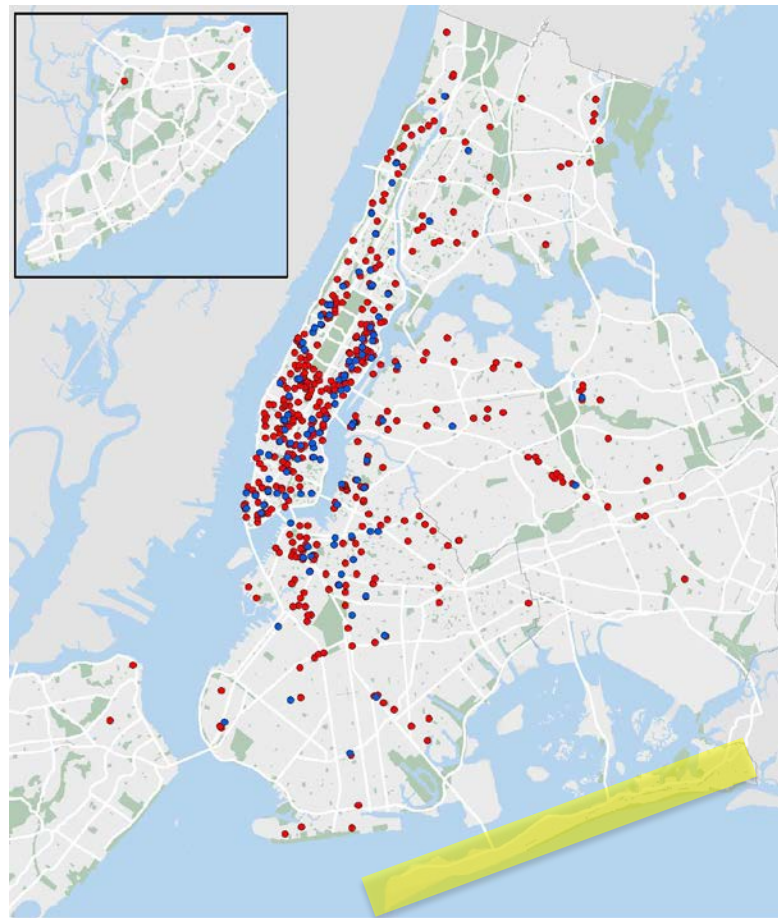
ROUND-TRIP CARSHARE

Zipcar (Avis Budget), Enterprise CarShare

- Hourly or daily rentals
- Borrow and return vehicles at same location
- Focused in areas with private garages

Existing Service in New York City:

- **Zipcar:**
 - 2,500+ cars / 447 locations
- **Enterprise CarShare:**
 - 320+ cars / 110 locations



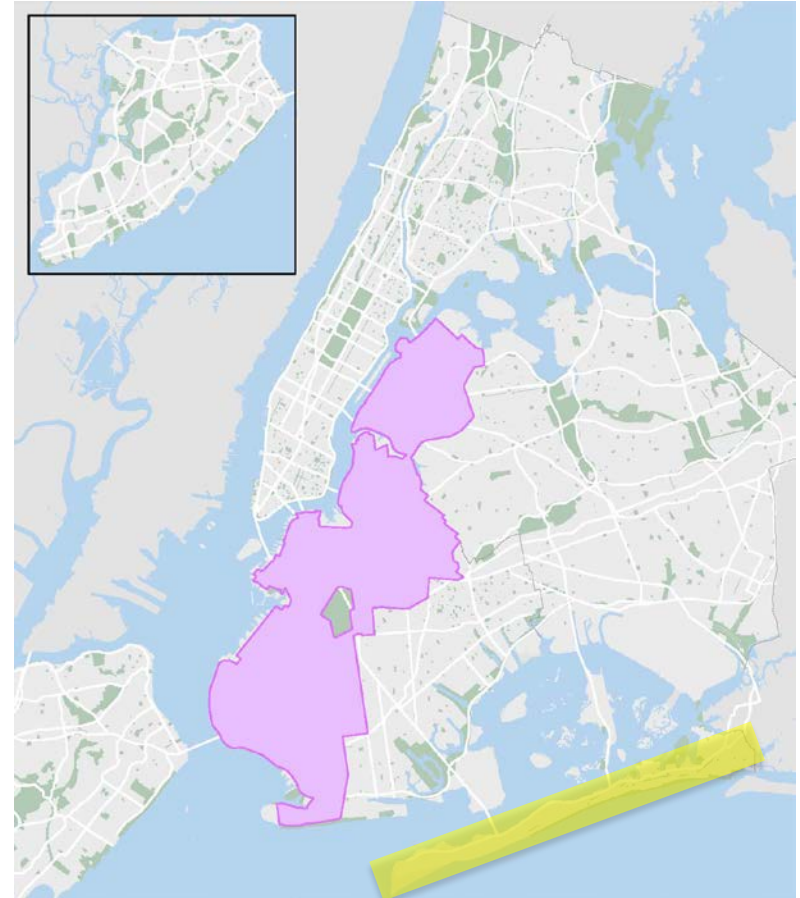
ONE-WAY CARSHARE

Car2Go (Daimler), ReachNow (BMW)

- Pick up a car at one location and drop it off at another (within zone)
- Users can park in any legal, unmetered parking space within zone

Existing Service in New York City:

- Car2Go:
 - 550 Smart cars
 - 27,000+ members
- ReachNow:
 - 250+ BMWs & MINI Clubmen



The benefits of carsharing for New York City

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CARSHARE PILOTS IN OTHER CITIES

Many US cities have run carshare pilots

- DOT looked at best practices from cities that conducted pilots to encourage carshare, such as San Francisco, Seattle, Washington D.C., Boston, and Hoboken.
- These pilots included:
 - dedicating curbside spaces for carshare
 - requirements to expand coverage of carshare services to underserved neighborhoods



IMPETUS FOR PILOT: CARSHARE RESEARCH

The results from other cities show carsharing has measurable benefits

	Round-Trip ¹	One-Way ²
Members who sold a personal vehicle	23% to 32%	2% to 5%
Members who suppressed purchase of a personal vehicle	29% to 68%	7% to 10%
Personal vehicles removed* per carshare vehicle	5 to 20 cars	7 to 11 cars
Average reduction in vehicle miles traveled (VMT) per member	44%	6% to 16%

*Removed vehicles = sold and suppressed

1) Mineta Transportation Institute, Carsharing and Public Parking Policies: Assessing Benefits, Costs, and Best Practices in North America, March 2010

2) Elliot Martin and Susan Shaheen, Impacts of Car2Go on Vehicle Ownership, Modal Shift, Vehicle Miles Traveled, and Greenhouse Gas Emissions, July 2016.

Carshare Pilot

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CARSHARE LEGISLATION

City Council Support for Carshare Signed into Law March 21, 2017

- Int. No. 267-A: To amend the administrative code of the city of New York, in relation to establishing a pilot program for reserving parking spaces in municipal parking facilities
- Int. No. 873-A: To amend the administrative code of the city of New York, in relation to establishing an on-street carsharing parking pilot program

PILOT IMPLEMENTATION

DOT Parking Facilities

- **Allocation:** DOT to reserve at least 10% or 10 parking spaces, whichever is less, for carshare vehicles in all lots and garages
- **Flexibility:** spaces only allocated where there is demand from CSOs
- **Electric Vehicle Opportunity:** some facilities have electric vehicle chargers

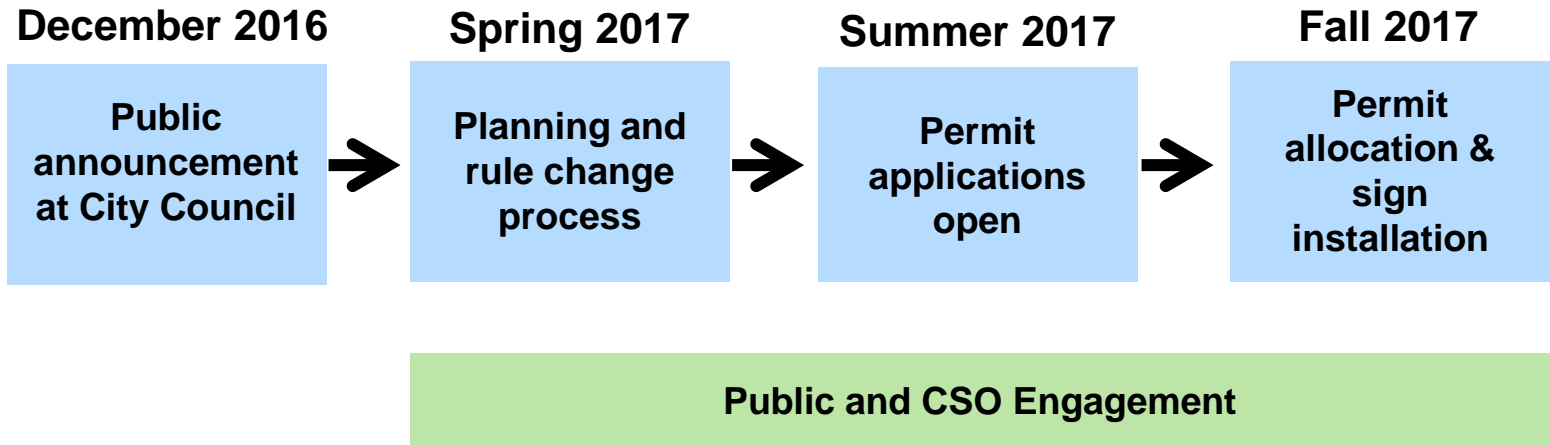


PILOT IMPLEMENTATION

- New curbside regulation and multilingual pedestrian signage
- CSOs to clean parking spaces in place of alternate side regulations
- No Standing regulation, NYPD can ticket and tow illegally parked cars
- At their own expense, CSOs can relocate illegally parked vehicles from carshare parking spaces to a legal space within a ½ mile radius



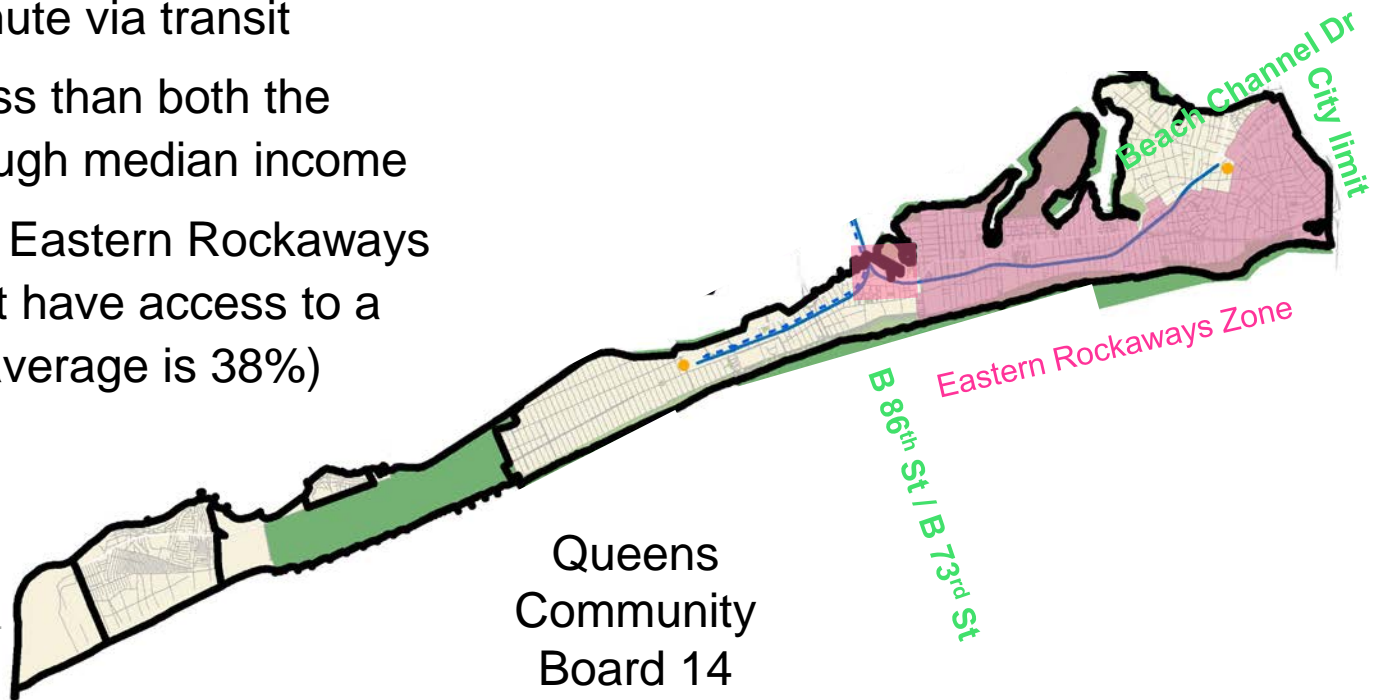
SCHEDULE: PILOT LAUNCH IN MID-2017



PILOT IMPLEMENTATION

Eastern Rockaways carshare pilot zone

- More than 43% of Eastern Rockaways households commute via transit
- Residents earn less than both the citywide and borough median income
- More than 45% of Eastern Rockaways households do not have access to a vehicle (Queens average is 38%)



PILOT IMPLEMENTATION

Eastern Rockaways carshare pilot zone

- DOT created an illustrative map of 21 feasible/potential locations to solicit input from CB 14 and the public. DOT will site 9 locations (18 spaces) for the pilot



- Each circle represents an intersection with at least one feasible carshare parking location (two carshare spaces at an unmetered block corner)
- Community input is welcome at: <http://nycdotfeedbackportals.nyc/nycdot-carshare-pilot>

THANK YOU!

Questions?

Visit our feedback portal: <http://nycdotfeedbackportals.nyc/nycdot-carshare-pilot>



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