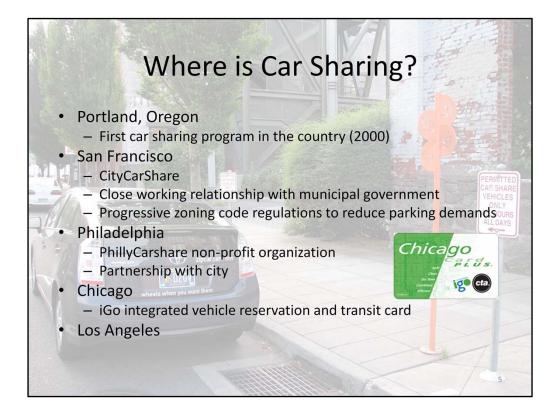






Application and annual fees are low – 10-30 for application fees, 40-60 for annual fees Car share operators try to find parking for vehicles in high-visibility locations. Vehicles act as their own billboards.



Car sharing can be found in many of the "usual suspect" cities that are known for innovative transportation ideas.

-Portland – United States market entrant. Parking spaces were initially moved as needed. Photograph in background of these slides depicts a Zipcar vehicle in Portland. Notice orange sign and parking enforcement sign

-San Francisco – CityCarshare large non-profit car share operator. Introducing plug-in electric vehicle pilot program at SFO city hall. Plans on reducing city vehicle fleet and substituting with car share memberships

-Philadelphia – early adopter of city-fleet reduction plan. Car share memberships for city officials enabled city to downsize fleet by 400 vehicles, saving city \$1.8 million per year -Chicago – iGo also a non-profit organization. Unique for their integration with Chicago's Transit System. Spring 2010: Introduced the Chicago Card Plus/I-GO Card. Integrates city transit system with car share program in one card.

This is really the point of car sharing. The intent of these programs is provide an alternative to private ownership. Car sharing is intended part of an assortment of transportation alternatives to private vehicle ownership. The other choices being walking bicycling and public transit. Important to place vehicles at convenient and transit-connected locations. Chicago is also in a new fleet management program with Zipcar. Reducing fleet size and costs through agreement. City negotiated discounted rates with operator.

-Finally, Los Angeles. Explore LA example a little bit more – currently city is in a pilot program with Zipcar. Many similarities which I will explore further.



UM started with 3 vehicles in the Fall of 2008. By Fall 2009, enough demand to expand program to 12 vehicles.

Advantages: captive audience (First year students not allowed to bring cars to campus), parking shortage

Alternative to providing new garage at \$15,000 per space.

Image: the Zipcar iPhone app depicts a car share pod at the U. Miami health center. This interface allows someone to reserve a vehicle and extend a reservation. Members can also reserve vehicles online or by telephone for most car share operators.

Zipcar is the largest car share operator in the world. Members can rent vehicles anywhere that Zipcar has a presence. For instance, a car share member in Miami can take a trip to Texas and reserve a Zipcar in Austin seamlessly.As of September 2011, Zipcar had over 9,000 vehicles and 605,000 members. The company has a presence in many major American cities, Canada and the United Kingdom.



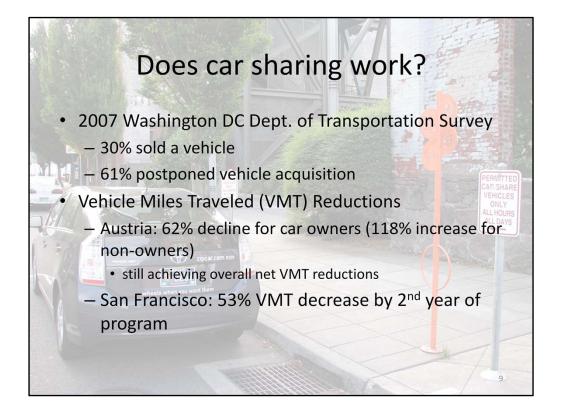
Parking director very positive about program.

FIU is exploring the possibility of implementing car sharing to reduce the size of the University's vehicle fleet.



1:15 ratio is generally consistent with other car share studies, with estimates in the 1:10, 1:13 and 1:15 range.

The average private vehicle is used for less than 2 hours each day. A "fully" used car share vehicle is in use for 50% of a (24 hour) day. The average private vehicle is in use for no more than 2 hours a day.



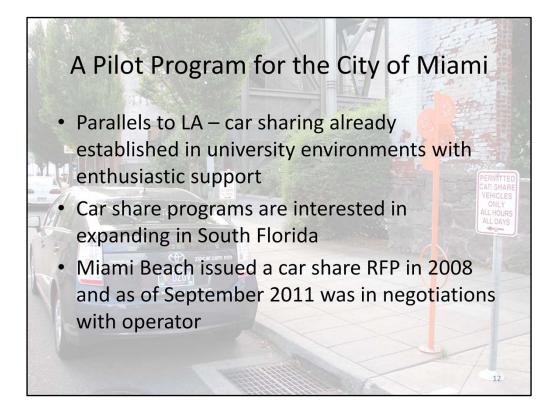
VMT decreases outweigh increases as the number of miles driven overall went down when combining both groups. The 118% appears to be dramatic but represents an increase of approximately 1,000 miles in a year, whereas the 62% decline represents an actual decline of approximately 6,000 miles.



See reference slide for a link to the PhillyCarShare report.



Los Angeles – many similar characteristics to Miami. Autocentric focus, infamous traffic. Positive results have encouraged expansion and extension of pilot. Testing Hollywood, non-collegiate environment. Access to LA Metro system.



Los Angeles example is similar to Miami's situation. Successful and enthusiastic car share membership base at higher education facilities in autocentric cities. Opportunity to expand reach of program to other parts of Miami-Dade County.



Car sharing parking locations should be selected with a strong consideration for surrounding environment.

High-traffic, high visibility (on-street over in garage when available. Vehicles are their own marketing devices)

Accessible to commercial and residential sites

Available 24 hrs a day



