

PLANNING DEPARTMENT
DESIGN PLAZA STUDY

On August 15, 1973, a car inventory was conducted by the Planning Department in the Design Plaza between 3:00 and 4:00 P.M. Within a 1200 foot by 2400 foot rectangular area from the Airport Expressway to N. E. 42nd Street and from Biscayne Boulevard to an imaginary line about 300 feet west of North Miami Avenue, the total number of vehicles parked on-street and in off-street parking lots was counted. (See Survey Location Map)

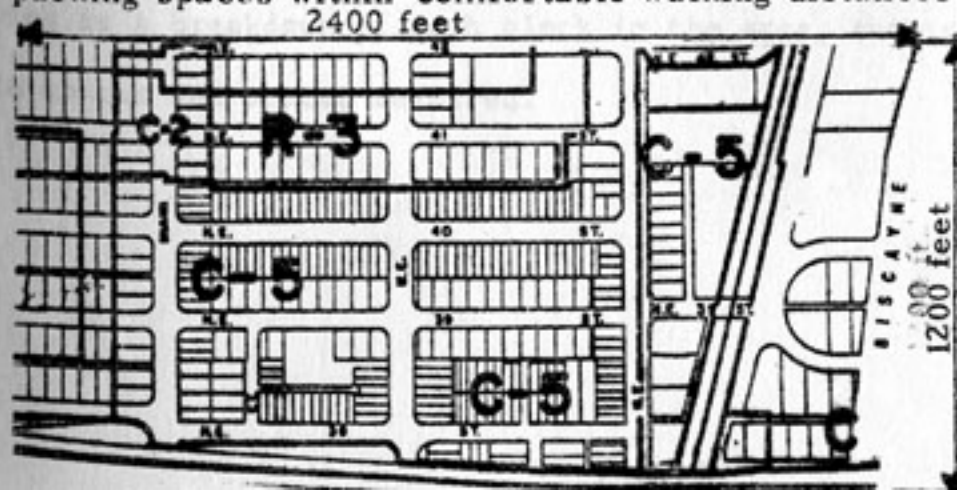
The following chart indicates the number of vehicles identified:

<u>Location</u>	<u>No. of Vehicles</u>
On-Street	454
In the FEC Railroad right-of-way	25
<u>Sub-total on-street</u>	479
Under the Expressway	81
In private on-site lots	640
<u>Sub-total off-street</u>	721
<u>Total number of vehicles</u>	1200

Subsequently the total street length in this same area was calculated, subtracting the streets where parking is prohibited at all times. Twenty percent of the total remaining length was also subtracted to account for curbcuts, loading zones, and restricted parking areas near street intersections. This figure (18,000 linear feet - 3600 linear feet = 14,400 linear feet) was divided by the curbside length needed per vehicle (14,400 linear feet divided by 25 linear feet per car = 576 cars). Thus it can be determined that the curbside capacity in the study area is about 576 cars.

Since the field survey found 479 vehicles parked on-street, it is assumed that the curbside capacity has reached an 83 percent saturation level. The conversion of additional structures into showrooms on the increase in business activity could easily over-saturate the curbside parking capacity in this area.

The survey indicates nothing about the distribution of vehicles with regard to destination although it is supposed that serious hardships occur in finding parking spaces within comfortable walking distances to business destinations.



Survey Location Map **H**