

PARKING IN THE CITY

Why is it so difficult to find parking?

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Intelligent Transportation & Logistics Meetup

<http://www.meetup.com/intelligent-transportation-and-logistics/>

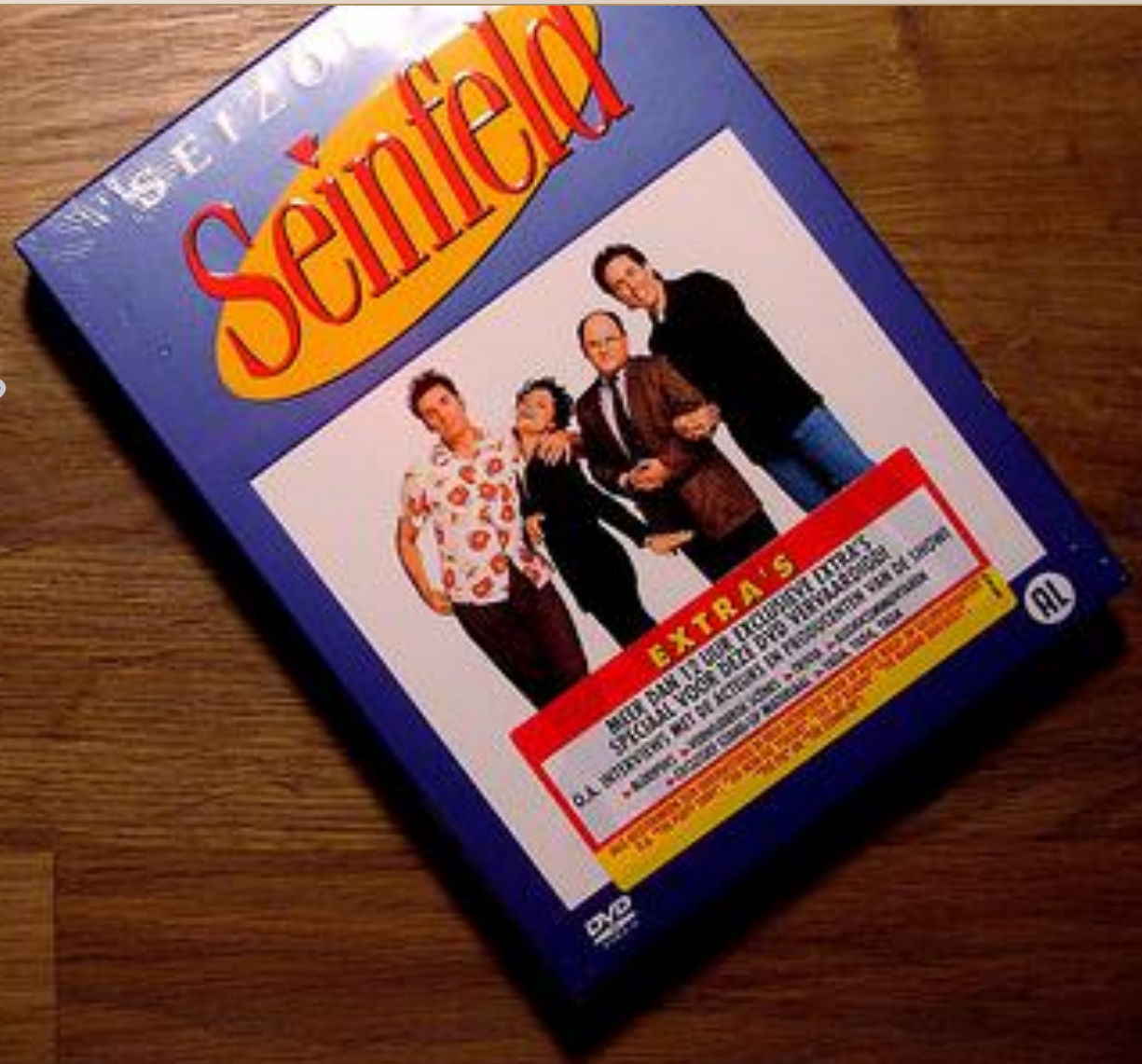
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We actually have to pay for that?

*Why should I pay
when, if I apply
myself, maybe I
can get it for free?*

*—George
Costanza*

*(Yes, about
parking)*



The basics of parking

- You have to pay 20\$ to store your car in the city for 4 hours.
- The car is “taking away” a valuable resource (free land)
- So, parking is effectively the rent.

Some statistics about parking

- Donald Shoup:
(<http://shoup.bol.ucla.edu/CruisingForParkingAccess.pdf>)
- “A surprising amount of traffic isn’t caused by people who are on their way somewhere. Rather it is caused by people who have already arrived. Our streets are congested, in part, by people who have gotten where they want to be but are cruising around looking for a place to park.”

Some statistics about parking

- Sixteen studies of cruising behavior were conducted between 1927 and 2001 in the central business districts of eleven cities on four continents.
- The average time it took to find a curb space was eight minutes, and..
- About thirty percent of the cars in the traffic flow were cruising for parking.

Parking – The Industry

- Some parking garages are somewhat structured, and part mom and pop kinds of businesses
- National Parking Association is one of the leading parking associations in the North American market.

Parking – The Technical Breakthroughs

Parking – Technical Breakthroughs (Try 2)

- Easier parking on the street
- Pay by phone
- Pay by internet
- And oh, those apps

Parking – The Opportunities

- Truck parking area management has become a hot topic of research
- The topics include – stochastic capacity management, prediction models, integrated TPAs, appointment systems, adaptive appointment systems, etc.
- ITS Europe at Lyon (June 2011) featured a complete session on this topic



11.00 - 12.30

TS 03 / Borders and Parking

Moderator: Tom Bennett, Mouchel, United Kingdom

- 0122** Technological model for application of internet of things to monitor trucks
Cledson Sakurai, Universidade de São Paulo, Brazil
- 0213** Flexible appointment based system with adaptive response to traffic and processing delays
Amrinder Arora, NTELX, USA
- 0291** Parking occupancy based on floating vehicle data
Tom van de Ven, Rapp Trans bv, The Netherlands

- 0304** How to virtualise long queues at border crossings
Madis Sassiad, FocusIT, Estonia
- 0312** Management of truck parking spaces availability at COFIROUTE
Franck Petit, COFIROUTE, France

Questions

- How can the parking industry for consumers (cars, not commercial vehicles) be revolutionized?
- What commercial advantages we might be able to derive from such a change?
- What is this worth to the consumers?
- What is this worth to the parking lots and parking management companies?