

The result is better transportation

- cost-effective and self-supporting
- user-friendly and personal
- faster AND extremely safe
- flexible high-capacity
- environmentally friendly

This is *essential technology*

- *for a sustainable world!*



Compared with auto system:

- accidents: < 0.0001%
- costs are a fraction
- noise: not noticeable
- air pollution: none locally (electric)
- energy use: < 25%
- land use: < 0.2%
- creates no physical barriers

SkyWeb Express provides superior service to everyone while using a minimum of money, land, materials, time and energy.

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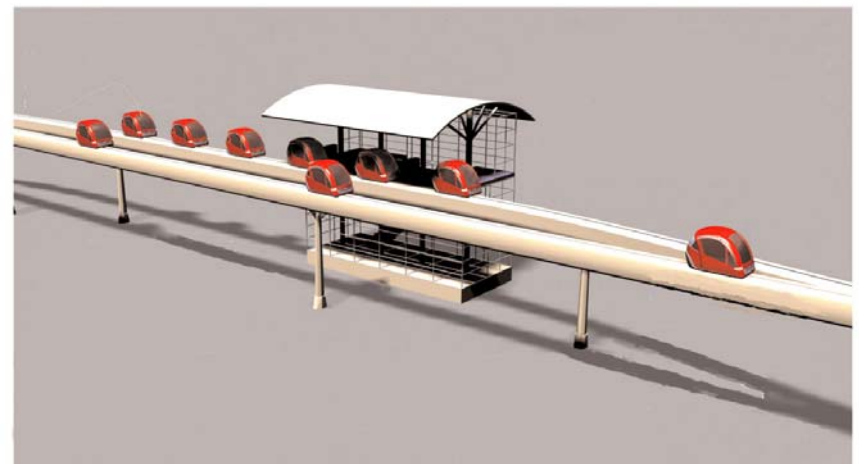
The Keys

*to a Needed Breakthrough
in Public Transportation are*

***Cost-efficiency
& User-friendliness***

through:

- *Automatic Control*
- *Small, Light-Weight Vehicles*
- *In-Vehicle Switching*
- *Off-Line Stations*



In greater detail :

*Automatic control*¹

permits safe, dependable, minimum-cost operation

- allowing :

Small, light-weight vehicles, which permit

1. *Small, low-cost, minimum-visual-impact guideways*, allowing more extensive elevated networks to be built, which markedly increase safety, decrease travel time and create no physical or social barriers;
2. *Combined use of existing infrastructure*
- such as public ROWs (rights of way) and bridges with minimum impact.
3. *Easy integration* with established buildings and transportation modes – like airports, shopping malls and railway stations

In-Vehicle Switching (no moving track parts)

permits

1. direct, no-transfer trips in a network of guideways;
2. off-line stations

¹ Using dual redundant computer systems

Off-Line Stations, thereby achieving:

1. High Throughput
 - 6000 vehicles per hour per lane²
- equivalent to three freeway lanes of auto traffic.
2. Close Station Spacing
 - without sacrificing trip time, and
 - increased accessibility to the community.
3. Nonstop trips, which provide
 - better comfort
 - minimum travel time
 - minimum vehicle-fleet size
4. No waiting in off-peak hours
5. 1 to 3 minute waiting in peak hours
6. Short walk, short wait, short trip time, and continuous availability, which yields

*Greatly increased
ridership and revenues
– in addition to far lower costs*

² Use of linear electric motors provides traction independent of friction.