

# AVT SolaTrek Executive Summary

February 2, 2009



## **Pain and the Problem**

Freeway traffic congestion and high gas prices are degrading our economy and lowering our standard of living. In the United States, highways are killing 4,000 people each month – injuring and disabling 10 times that number.

But our demand for additional lane capacity is insatiable. Drivers are sitting in traffic in every one of our large metropolitan areas, pleading for a solution and willing to pay almost anything for relief.

## **Enormous Business Opportunity**

This is an opportunity for private industry and government to form an alliance to provide an attractive solution at **no cost to the taxpayers** because the solution is profitable, funded with energy savings.

## **The Only Practical Solution**

The AVT SOLATREK **solves the problem** by providing fast, safe, quiet, private and solar powered transportation for vehicles and their passengers that costs less than driving. The AVT SOLATREK has a simple and unique design that transports vehicles and their passengers on high-speed trains in private train compartments that have air conditioning, restrooms and entertainment centers.

## **How it works**

AVT SolaTrek shuttles load cars onto the trains, as they are moving, which is much safer than merging into moving traffic on the freeway. The shuttle is the patented design breakthrough that solves the traffic congestion problem.

## **A Full Size Demonstration**

A successful, reliable and impressive full size demonstration is the first step. An AVT SOLATREK Proof of Concept System is a 2-3 year project that will cost about \$4-6 million dollars. It will be open for public viewing, allowing selected drivers and their passengers to ride on the AVT SOLATREK in their vehicles. The Concept System will be a spectacular demonstration that will attract visitors from all over the world.

## **Management**

Each manager is a graduate engineer with over 40 years of project management and engineering experience: Frank Randak is President/CEO and John Barber, AVT SOLATREK Project Manager, has managed large transit system projects.

## **Presentations**

The AVT SOLATREK has been presented in China, Oxford, Switzerland, World Future Society and many Rotary Clubs.

## **The Investment**

\$1 million develops the plans, a maglev suspension demonstration and an animated film.

\$4-5 million builds the complete Proof of Concept System.

In less than 3 years the AVT SolaTrek will be the only working solar powered solution to the worldwide traffic problem.

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