



How will PRT  
transform your city?  
**A Better Way  
to Move People**



I believe that one of the most promising options for combating out-of-control congestion is to incorporate technology and invest in innovation.

Mary E. Peters, U.S. Secretary of Transportation

*Imagine a transportation system that:*

- Takes you where and when you want to go without stopping
- Is 100 times safer than conventional transit
- Runs off electricity
- Is 99.7% reliable
- Can attract up to a 30% mode share
- Saves money

That system is Personal Rapid Transit (PRT) — a sustainable system of driverless taxicabs that automatically take passengers to their destinations along dedicated guideways without intermediate stops.

*Flexible, economical, safe. . .  
PRT is a better way  
to move people.*

*Improving Transportation  
through Innovative Engineering*



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## How will PRT transform your city? **A Better Way to Move People**

*According to Cambridge Systematics the societal costs of motor vehicle crashes significantly exceed the costs of congestion. Other statistics are equally alarming.*

### **In the U.S. alone, transportation:**

- Kills more than 40,000 people annually
- Wastes 3.5 billion man hours annually due to congestion
- Contributes 34% of greenhouse gases
- Uses more oil than all other uses combined

*Until we change the way we think about transportation, these problems will only get worse.*



### **PRT is flexible:**

- Deployable in numerous configurations
- Negotiates tight turns and steep grades
- Designed to match most needs
- Can operate inside buildings

### **PRT is economical:**

- Cost less to build than most other guideway systems
- Cost less to operate than most transit systems
- Shorter construction period causes less disruption

### **PRT is safe:**

- No traffic crossings – only merges and diverges
- Lower maximum speed for higher average speed

### **PRT is secure:**

- No crowds for terrorists to target
- Steady stream of traffic facilitates processing of passengers
- Shared rides can be avoided

### **PRT saves time:**

- Less waiting
- Less walking
- Non-stop travel

### **PRT is sustainable:**

- Less energy
- Less emissions
- Less noise

### **PRT systems are varied:**

- Some are faster
- Some are more flexible
- Some have more capacity
- Some are unproven

### **Comparison with conventional transit**

	Mid-Jordan LRT Extension	Dulles Rail Project	Fort Carson PRT Project
Miles of track	11 (two-way)	23 (two-way)	23 (one-way)
Stations	9	11	35
Daily passengers	9,500	60,000	53,500
Capital cost	\$ 428,300,000	\$ 5,200,000,000	\$ 522,400,000
Cost per mile <sup>1</sup>	\$ 19,468,000	\$ 113,000,000	\$ 22,713,000
Cost per station	\$ 47,590,000	\$ 472,700,000	\$ 14,926,000
Cost per annual passenger <sup>2</sup>	\$ 150	\$ 290	\$ 33

<sup>1</sup> One-way <sup>2</sup> Daily passengers X 300

CE News, "Salt Lake Transit Project Gets Federal Boost," February, 2009;  
The Washington Post, "U.S. Transportation Chief Backs Dulles Rail Project," 1/8/2009;  
PRT Consulting, Inc., PRT Feasibility Study for Fort Carson Army Post, February, 2009

### **Find out how to get into PRT.**

Visit [prtconsulting.com](http://prtconsulting.com),  
or contact Peter Muller at

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