

## Performance Standard Law

- Converts \$18 billion/year of traffic cost into:
  - \$12 billion in jobs.
  - \$6 billion in savings.

### Problem:

Oil-dependent transport moves a ton to move a person in congested traffic.  
Traffic costs the people of Nevada \$46 billion per year

- \$22.3 billion on foreign oil
- \$17.8 billion on accidents
- \$ 5.9 billion on congestion

### Solution:

Stop moving a ton to move a person. Cars cost 56 cents per vehicle-mile, JPods are 4 cents per vehicle-mile. This conversion of costs to value pays for privately funding networks.  
Recover \$18 billion per year by moving only the person above roads. Also moves freight.  
Solar-powered transportation is safer, faster, cleaner and affordable.  
On-demand mobility regardless of age, ability or wealth.  
Life requires energy. Energy self-reliance.

### Execution:

Physics: It costs less to move less.  
Concept: Computer controlled, ultra-light JPods rail networks move people and cargo on-demand; a Physical-Internet; a circulatory system for an economic community.  
Market Niche: On-demand mobility for highly repetitive, commuter-range transport of cargo and people.  
Safety: > 2,000 times safer than cars.  
Emissions: Zero.  
Congestion: Zero.  
Efficiency: 200 watt-hour per mile. Mobility savings are amplified by the 6x Net Energy of solar over oil.  
Power: Solar collectors gather 40,000 vehicle-miles of power per mile of rail per day. Distributed transportation grid harvests distributed natural power.  
Reference: [www.jpods.com/boston](http://www.jpods.com/boston)



[www.jpods.com/poughkeepsie](http://www.jpods.com/poughkeepsie)

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## Performance Standard Law

- Build with private capital.
- Operate without government subsidies.
- Exceed 120 passenger-miles per gallon.
- Environmental approvals based on energy savings over cars.
- Pay 5% of gross revenues to use rights of way over city streets.
- Regulate by the ASTM International Theme Park Standards
  - Existing insurance industry.
  - Existing enforcement industry.
  - Existing common law for law suites.



The City of

March 12, 2013

Andrew M. Fellows, Mayor  
5807 Bryn Mawr Road  
College Park, MD 20740

Dear Mayor Fellows:

I am writing to support the endeavor of College Park, MD to bring a solar transportation network (Jpods) to the area. As you are already aware, Morgantown has had a Personal Rapid Transit system in place since 1975, which connects the three campuses of West Virginia University, as well as the downtown area. Some benefits of the system include, but are not limited to:

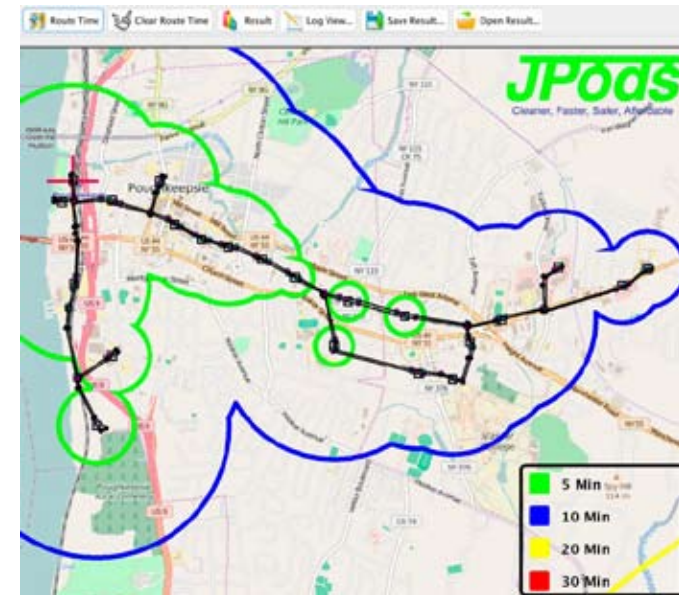
- ↔ It has proven to be a reliable system of automated transit that is relatively inexpensive to operate.
- ↔ It has offered on-time service rates far better than the bus system it replaced, boasting a 98% reliability and availability rating
- ↔ It has eliminated much of the gridlock of traffic which existed in the hub of downtown Morgantown.
- ↔ It has proven to be safe, with no serious injuries reported since the operation began in 1975.
- ↔ Approximately 16,000 riders take advantage of the system on a daily basis.

There have been several proposals to extend the line on both ends of the system, which could take place in the near future. Since the Morgantown PRT operates chiefly as a student-mover, it runs primarily during class days. During Fall and Spring semesters, hours of operation are from 6:30 a.m. - 10:15 p.m. weekdays, and 9:00 a.m. - 5:00 p.m. on Saturdays. Summer hours are 6:15 a.m. - 6:30 p.m. The system is closed on Sundays year round, as well as during Thanksgiving, Christmas, and Spring breaks.

A system such as this would be a great asset to your City, and I wish you well in your endeavor!

Jim Manilla, Mayor  
City of Morgantown

From the Red Cross (airport) walking and traveling times are illustrated by circles: 5 min (green), 10 min (blue), etc....



Unlike the complex and risky oil supply chain, JPods energy system reliably collects 40,000 vehicle-miles/mile/day.

