Micro-Tolls
An Interim Approach to Mileage-Based Charging
Fair Disclosure

“When all you have is a hammer, everything looks like a nail.”
What Might the Future Hold?

- Ubiquitous 5.9 GHz DSRC?
- $100 barrel oil?
- Electric Vehicles?
- Transportation Budget Surpluses?

- Technology is not the limiting factor in being able to implement mileage-based charging.
Toll Technology Becoming Commodity

- Cameras are becoming less expensive and more functional

- License Plate Recognition technology is becoming more accurate

- Transaction Processing becoming significantly less expensive
Can Micro-Tolling Provide an Interim Solution?

- Very small tolls (potentially < 5 cents), on short-medium sections of road.
- No tolling infrastructure or Toll Agency (operated as a service).
- “Light-Weight” tolling points at road-side using camera technology.
- Transactions are aggregated for periodic billing.
Maybe not today, but…

- Next generation of License Plate Recognition Technology
- Further reduction in Transaction Costs.
- Legislation allowing collection alternatives (Registration, insurance, skip-trace, etc.)
Thank you for the opportunity to present to you.

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