

TELVENT

Caseta



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.

Telvent Caseta
211 East 7th Street
Suite 800
Austin, TX 78701
512.450.6300 Ph
info@caseta.com

