







## Ride On's CAD/AVL - Ver. 1.0

071

- Signs of the Times

   Real Time Customer Info
   Six Locations 18 Signs
   Pilot for Federal Grant
   Implemented prior to 1999
   Spread Spectrum Comm.
- Traffic Signal
   Priority
   Integration w/Signal Sys
   Pilot on MD 355







Costs/Benefits/Risks			
G&O	Good Working Relationship w/County - Existing Contract - Good Programming Approach - Pay as you go - Customizable - Modest Price	Contract Needs Amendment	No existing Product - Develop from Scratch
Strategic Mapping	Preliminary Product w/Excellent Features - Developing for Local Jurisdiction - Bridgeable Contract	Contract Needs Amendment - Moderately High Costs	Product Still in Development Phase
NextBus	Rich, Full-featured, Mature Product		High Start-up Costs - High Maintenance Costs - Locked into Their Technology
ACS - SmartTraveler Plus	Uses Existing Orbcad Data - Feature-rich Web-based System - Low Start-up Costs - Low Maintenance Costs	Same Vendor as CAD/AVL System	Product Still in Development Phase
In-house Development w/Existing	Use Existing Resources/Contracts - Good Working Relationships - Good Past Results - Ability to Innovate		Substantial Development w/Unknown











## **Future Directions**

Regional Integration : Real Time Transit Information Ride On First Regional Transit Entity to Integrate into University of MD CATT Lab.

Sending Real Time Location Data once per minute

## **Open Data Source**

Encourage Third Party Applications TriMet in Portland, Oregon is a good example http://trimet.org/apps/index.htm And so is CTA in Chicago, Illinois http://www.transitchicago.com/apps/

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