

Leveraging Technology Notes

Presenters

- Moderator: Mr. Paul Brubaker, RITA Administrator
- Mr. Don Foley, Director, Indiana Economic Development Corporation
- Mr. Harry Voccola, Senior VP Government and Industry Relations, NAVTEQ
- Prof. Benn Coifman, The Ohio State University

Indiana accelerate your business

- Indiana Econ Dev Corporation
 - Goal is to develop jobs, wages, investments in Indiana
 - Many mechanisms to do this
 - Notes
 - With one exception, recent major location decisions made within 5-7 miles of Interstate highway
 - Large number of jobs in IN coming to small towns, and higher wage jobs, as well
 - Slide tracking public investment per new job through recent year
 - (as in morning: “it’s about jobs”
 - Can IDEC work with NEXTRANS to help both sides?

“If you have great ideas that will make good products, we need to talk.”

Innovative Transportation System

- ~“Probably on the 5-6 slides, there is a multi-billion \$ business opportunity, if you can identify it, create it, ...:
- 20 years ago, first Pres Bush, signed “IVHS” bill; architecture
 - did not include wireless, even short on GPS
 - environment has changed, but goals are fairly similar
 - Safety, Mobility, Quality of Life
- Early 90s, applications were stand-alone but successful
 - Electronic Toll collection
 - Navigation Systems
 - Real time traffic (coming into its own now)
- New applications will be integrated
- Themes/Aims
- Aims: Content (information) / Connectivity (coverage)/ Commercialization (these are where successes have moved)
- Identify savings that are “capturable and redistributable”

Future Challenges Leveraging Technology

- Current system mature (difficult to expand)
- ITS can help
- Data Precision (where needed/ where not)
- Challenges
 - Better utilization of existing system
- Opportunities for Govt/ Industry/ Academia
 - Partnership
 - R&D risks
 - Real world applicability

Questions

- Type of upcoming sensors
 - Cell phones, Radar Based, Loop detector
- What extent congestion impact recruit new companies
 - Lower congestion is critical
- Various type of data that can be offered
 - Crime statistics (Risk mitigation but liability issues)
 - Fatality and severe crash (State DOT fear liability issues)
- Next 5 year what do you see biggest advance in technology (Safety and mobility)
 - Cheaper sensor with lower resolution but higher coverage
 - High speed rail corridor
 - Intermodal integration
 - VII (major change in safety of car, more crash resistant capability)