

BREAKOUT 1/GROUP B1

- Who/How/What
- Big themes
- Big issues
- Nagging dilemmas
- Suggested directions

Who: The Right People

- Government (Fed, State, regional)
- Academia
- Industry
 - consultants, system integrators
 - telecom
 - automotive/telematics

How: Systematic Process

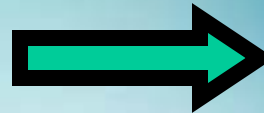
- Carefully examined questions
- Disregarded them
- Talked till it was time to stop
- Deferred distilling brilliant insights to the moderator

What's Wrong with This Picture?

Why?



What?

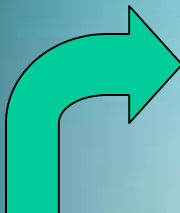
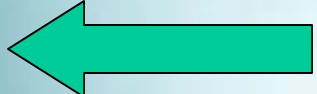
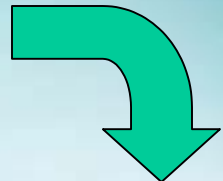


How?

What's Wrong with This Picture?

Why?  What?  How?

OR

Why?

How?  What?


The Big Themes

- “What are the desired outcomes?”
- = “What are the benefits to (varied) users?”
- = “What are the applications that will best deliver those benefits?”

“I want to build an InfoStructure because it will help us to...”

- Mitigate traffic congestion proactively, not just reactively
- Enhance system & traveler security
- Improve system planning & investment decisions
- Promote safer movement of people & goods
- Provide travelers with better information to serve their mobility needs
- Improve effectiveness & efficiency of necessary regulatory functions

The Big Issues

- National/local
 - “All politics is local,” but how to articulate the national interest?
 - Differences can coexist in national program
- Starvation of O&M
 - Have to deal with structural problem in public funding
- Deja vu all over again? “Same old thing” – how to “sell” ITS, operations, InfoStructure

The Nagging Dilemmas

- Nearly impossible to consistently, objectively prioritize across broad list of outcomes (“multiple, vague, conflicting”)
- Nearly as impossible to consistently measure and assess results [“Monitor/Track/Evaluate”]
- Danger in focusing on how much “stuff” is deployed (esp. when current stuff costs too much, doesn’t work, and can’t be maintained)
- Never easy answers to ever-present “institutional issues” – need to define better

Suggestion Directions

- Don't
 - Jump too quickly to technology discussions
 - Presume we know yet how to do this
 - Over-simplify, over-promise (“Operation Timesaver”?)
 - Over-specify, over-regulate (“management systems”?)

Suggestion Directions

- Do
 - Clearly articulate the national interests
 - Form collaborative institutional structures
 - Adopt a flexible approach, many pieces of this puzzle
 - Leave room for innovation, commercialization
 - Build in evaluation, including environmental

More on the “Do’s”

- Need to blend approaches (improvements on current technologies, newer probe-based concepts)
- Need to leverage public and private sectors, technology convergence
- Need to mitigate risks, encourage innovation
 - facilitate data sharing
 - deal with privacy, anti-trust, liability

Promising Focus Areas

- Start where broad consensus on basic needs
 - Commercial vehicle safety enhancement, including hazardous materials tracking, border crossings
 - Critical infrastructure protection
 - Public safety improvements (crash avoidance, rapid response, esp. to major events, evacuations)
- Focus on key enablers: accurate mapping of infrastructure, accurate vehicle positioning, ubiquitous wireless communication

Wrap-Up

- Corrections/additions from Group B?
- Questions/comments?
- Thunderous applause