21st Century Transportation System: Planning and Policy

Advances in Technology

• Intelligent Transportation (ITS) Master Plan
• Central Florida Automated Vehicle Proving Grounds Partnership
Needs/Strategies

- Upgrades
- Coverage
- Connectivity
- Sensors
- Information sharing
- Transit; SunRail

Needs/Strategies (2)

- Travel and Traffic Management
- Parking Management
- Public Transit Management
- Emergency Management
- Information Management
- Maintenance and Construction
- Other
Emerging Technologies

- Surveillance Drones
- Mobility as a Service (MaaS) or Mobility on Demand (Mod)
- Pedestrian/Bicycle ITS
- Big Data

AV Proving Grounds Partnership

- Response to USDOT Solicitation
- City of Orlando: “Smart City”
- Use Affordable & Emerging Technologies on a Continuing Basis

Background & Guidance

- “How Shall We Grow”
- Beyond Traffic 2045
- US DOT Smart City Challenge
- MetroLab Network
- Mean Streets/Dangerous By Design
- World’s Largest Tourist Destination
- World’s Largest Rental Car Market
Map of Primary Partner & Facility Locations

Challenge

• Policy
  • Legislation
  • Local

• Capital vs Operations

• “On the fence”

Thank You

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